Addendum to the Initial Study/ Mitigated Negative Declaration for the Southwest Fresno Green Trail Project, Fresno, Fresno County, California

OCTOBER 2023

PREPARED FOR

City of Fresno
Department of Public Works

PREPARED BY

SWCA Environmental Consultants

ADDENDUM TO THE INITIAL STUDY/MITIGATED NEGATIVE DECLARATION FOR THE SOUTHWEST FRESNO GREEN TRAIL PROJECT, FRESNO, FRESNO COUNTY, CALIFORNIA

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1 INTRODUCTION

The City of Fresno (City) adopted an Initial Study/Mitigated Negative Declaration (IS/MND) in February 2020 to evaluate the potential environmental impacts from the design and construction of an approximately 0.8-mile-long Class I trail along the Fanning Ditch alignment between South West Avenue and South Thorne Avenue in the City of Fresno, Fresno County, California (Figure 1). A portion of the proposed trail alignment on Assessor's Parcel Numbers (APNs) 477-040-69 and 477-040-72 encompasses an existing Fresno Irrigation District (FID) easement. Since adoption of the IS/MND, the City and FID determined that the existing FID pipeline within the FID easement would require replacement prior to construction of the proposed trail in that location. As such, the project design has been modified to include the replacement of the existing FID pipeline within the footprint of the proposed trail alignment. The replacement pipeline would be the same size as the existing pipeline and would not result in an increase or decrease in capacity. Pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15164, an Addendum to the Final IS/MND (Addendum) is the appropriate environmental documentation to evaluate the potential environmental impacts associated with the replacement of the existing FID pipeline because the proposed change is limited to a minor technical change and would not result in any new or more severe environmental impacts than what was described in the adopted IS/MND.

2 PURPOSE OF ADDENDUM

Pursuant to Section 15162 of the State CEQA Guidelines, when a lead agency has adopted an IS/MND for a project, a subsequent IS/MND does not need to be prepared for the project unless the lead agency determines that one or more of the following conditions are met:

1. Substantial project changes are proposed that will require major revisions of the previous IS/MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes would occur with respect to the circumstances under which the project is undertaken that require major revisions to the previous IS/MND due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance that was not known and could not have been known with the exercise of reasonable diligence at the time the previous IS/MND was adopted shows any of the following:
    a. The project will have one or more significant effects not discussed in the previous IS/MND;
    b. Significant effects previously examined will be substantially more severe than identified in the previous IS/MND;
    c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponent declines to adopt the mitigation measures or alternatives; or
    d. Mitigation measures or alternatives that are considerably different from those analyzed in the previous IS/MND would substantially reduce one or more significant effects on the environment, but the project proponent declines to adopt the mitigation measures or alternatives.

Pursuant to Section 15164 of the State CEQA Guidelines, preparation of an Addendum to an IS/MND is appropriate when none of the conditions specified in Section 15162 (above) are present and some minor technical changes to the previously adopted IS/MND are necessary.

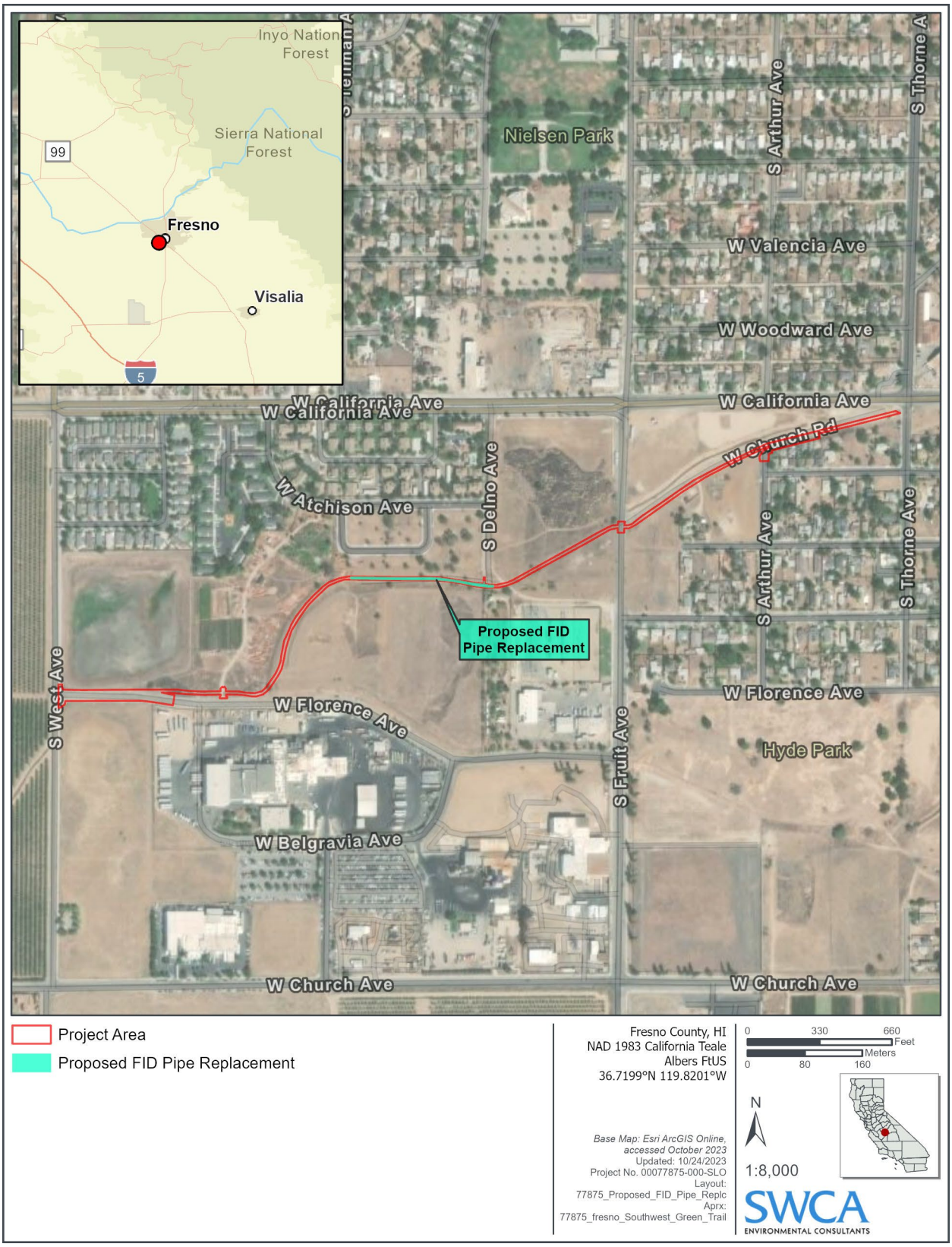

Figure 1. Project location map.

3 REVISED PROJECT DESCRIPTION

The City, as the CEQA Lead Agency pursuant to State CEQA Guidelines Section 15367, is proposing the replacement of the existing FID pipeline on APNs 477-040-69 and 477-040-72 in addition to the design and construction of an approximately 0.8-mile-long Class I trail along the Fanning Ditch alignment between South West Avenue and South Thorne Avenue in the City of Fresno. A description and evaluation of the proposed 0.8-mile-long Class I trail is included in the Final IS/MND, adopted in February 2020.

The project would continue to include the design and construction of an approximately 0.8-mile-long Class I trail but would also include the replacement of an existing 36-inch-wide FID pipeline within the existing 750-foot-long FID easement on APNs 477-040-69 and 477-040-72 (Figure 1). The location of the FID pipeline replacement would be entirely located within the footprint of the originally approved project and would not increase or decrease conveyance capacity. Construction activities for the revised project would generally be consistent with the originally approved project and would require a negligible increase in excavation activities for replacement of the proposed pipeline. Construction activities for the proposed pipeline replacement would require a 4- to 5-foot-wide trench with a maximum depth of 10 feet. No additional ground disturbance beyond what was covered in the adopted IS/MND would occur, and no other changes are proposed.

4 COMPARISON TO THE CONDITIONS LISTED IN STATE CEQA GUIDELINES SECTION 15162

4.1 Aesthetics

Section 1, *Aesthetics*, of the adopted IS/MND evaluated the project's potential impacts on visual resources within the project area. As discussed in the adopted IS/MND, the project does not include the construction or establishment of buildings or structures that could obstruct natural landscaped views. The proposed replacement of the existing FID pipeline would not result in the construction of new aboveground structures or other construction activities not previously evaluated in the adopted IS/MND; therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to aesthetic resources.

4.2 Agriculture and Forestry Resources

As evaluated in Section 2, *Agriculture and Forestry Resources*, of the adopted IS/MND, the originally approved project would not result in impacts related to agricultural or forestry resources because the project site does not support any Farmland or forest land. The replacement of the existing FID pipeline would occur entirely within the footprint of the originally approved project and would not result in any impacts to agricultural or forestry resources. The replacement of the existing FID pipeline would not result in any new or more severe impacts related to agricultural or forestry resources.

4.3 Air Quality

Section 3, *Air Quality*, of the adopted IS/MND determined that air emissions associated with the proposed project would not exceed construction or operational thresholds established by the San Joaquin Valley Air Pollution Conservation District (SJVAPCD) or expose sensitive receptors to substantial pollutant concentrations, odors, or other emissions. Construction activities associated with the replacement of the

existing FID pipeline would generally be consistent with those evaluated for the originally approved project and would not exceed construction or operational thresholds established by the SJVAPCD or expose sensitive receptors to substantial pollutant concentrations, odors, or other emissions. Consistent with the evaluation included in the adopted IS/MND, the project would be consistent with the growth assumptions included in the SJVAPCD air quality plans because the replacement of the existing FID pipeline would not increase conveyance capacity in a manner that could result in population growth beyond what was included in the SJVAPCD estimates. In addition, the proposed pipeline replacement would result in the continued operation of an existing pipeline and would not result in an increase in operational maintenance trips that could increase vehicle miles traveled (VMT) beyond those used in the SJVAPCD estimates. Because construction activities for the replacement of the existing FID pipeline would be consistent with those evaluated for the originally approved project, the project would continue to be required to comply with all SJVAPCD control measures, including construction dust suppression requirements under SJVAPCD Regulation VIII. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to air quality.

4.4 Biological Resources

Section 4, *Biological Resources*, of the adopted IS/MND evaluated the originally approved project's potential to adversely impact biological resources within the project area. The adopted IS/MND identified the project's potential to adversely impact special-status wildlife species, including burrowing owl (*Athene cunicularia*), western pond turtle (*Emys marmorata*), San Joaquin kit fox (*Vulpes macrotis mutica*), Swainson's hawk (*Buteo swainsoni*), and other raptor species. In addition, the adopted IS/MND identified the potential for the originally approved project to conflict with the Pacific Gas and Electric Company's (PG&E) San Joaquin Valley Operation and Maintenance Habitat Conservation Plan (HCP). The proposed replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project and would be entirely located within the footprint of the originally approved project; therefore, the replacement of the existing FID pipeline would have similar potential to adversely impact special-status wildlife species and conflict with the PG&E San Joaquin Valley Operation and Maintenance HCP. As identified in the adopted IS/MND, implementation of Mitigation Measures BIO-1 through BIO-5 would ensure potential impacts related to biological resources would be reduced to less-than-significant levels. Therefore, the proposed replacement of the existing FID pipeline would not result in any new impacts to biological resources beyond what was identified in the adopted IS/MND, and no new mitigation measures are required.

4.5 Cultural Resources

Section 5, *Cultural Resources*, of the adopted IS/MND evaluated the originally approved project's potential to adversely impact cultural resources within the project area. Based on adherence to existing regulations, the adopted IS/MND determined that the originally approved project would not result in an adverse change to the significance of a historical or an archaeological resource or disturb human remains. Consistent with the originally approved project, the proposed pipeline alignment would not disturb any historical resources. The replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project and would require a negligible increase in excavation activities that would generally be consistent with those evaluated under the originally approved project. Construction activities for the proposed pipeline replacement would require a 4- to 5-foot-wide trench with a maximum depth of 10 feet. Therefore, the replacement of the existing FID pipeline would have the same potential for inadvertent discovery of cultural resources and human remains. Consistent with the analysis of the IS/MND, compliance with existing regulations would reduce potential impacts related to the inadvertent discovery of cultural resources and human remains. In the event of inadvertent discovery, existing regulations would require work to temporarily be halted by the on-site construction manager; a

qualified archaeologist to be retained; and all federal, state, and local guidelines pertaining to the unanticipated discovery of archaeological and human resources to be adhered to (e.g., notification of applicable agencies, preservation, treatment, recovery procedures, etc.). Consistent with the evaluation included in the adopted IS/MND, based on required compliance with existing regulations, the replacement of the existing FID pipeline would not result in an adverse change to the significance of a historical or an archaeological resource or disturb human remains. Therefore, the proposed replacement of the existing FID pipeline would not result in any new or more severe impacts related to cultural resources.

4.6 Energy

Section 6, *Energy*, of the adopted IS/MND evaluated the originally approved project's potential impacts on energy consumption. Consistent with the adopted IS/MND, the project would require energy use during construction activities, which would be temporary in nature. The replacement of the existing FID pipeline would result in the continued operation of an existing pipeline and would not result in an increase in operational energy use beyond what was evaluated in the adopted IS/MND. Further, the replacement of the existing FID pipeline would not increase conveyance capacity in a manner that could otherwise increase operational energy use. Consistent with the evaluation included in the adopted IS/MND, due to the minimal energy use associated with the project, the replacement of the existing FID pipeline would not conflict with any renewable energy or energy efficiency plans. Therefore, the project would not result in any new or more severe impacts related to energy resources.

4.7 Geology and Soils

As evaluated in Section 7, *Geology and Soils*, of the adopted IS/MND, the originally approved project would not result in the risk of loss, injury, or death associated with seismic or other ground-failure hazards based on adherence to existing building regulations. The proposed replacement of the existing FID pipeline would not include the construction of any additional roadways, buildings, or structures that could result in risk associated seismic hazards or other ground-failure events. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to seismic hazards. In addition, the project would result in construction activities that would generally be consistent with those evaluated under the originally approved project and would continue to be subject to the preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP) with best management practices (BMPs) to reduce potential impacts associated with erosion; therefore, the proposed replacement of the existing FID pipeline would not result in any new or more severe impacts related to erosion. Consistent with the originally approved project, the replacement of the existing FID pipeline would not include the construction or installation of any septic tanks or alternative wastewater treatment systems.

As evaluated in the adopted IS/MND, the originally approved project has the potential to inadvertently encounter paleontological resources during proposed excavation activities. The replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project and would require a negligible increase in excavation activities that would generally be consistent with those evaluated under the originally approved project. Construction activities for the proposed pipeline replacement would require a 4- to 5-foot-wide trench with a maximum depth of 10 feet. Therefore, the replacement of the existing FID pipeline would have the same potential to inadvertently encounter paleontological resources. As identified in the IS/MND, implementation of Mitigation Measure GEO-1 would ensure potential impacts related to paleontological resources would be reduced to less-than-significant levels. Consistent with the evaluation included in the adopted IS/MND, based on required compliance with existing regulations and implementation of Mitigation Measure GEO-1, the replacement of the existing FID pipeline would not result in any new impacts related to geology, soil, or

paleontological resources beyond what was identified in the IS/MND, and no new mitigation measures are required.

4.8 Greenhouse Gas Emissions

Section 8, *Greenhouse Gas Emissions*, of the adopted IS/MND determined that the originally approved project would not generate substantial greenhouse gas (GHG) emissions during construction or operation, which is consistent with the City's General Plan and 2014 Greenhouse Gas Reduction Plan. The replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project and would continue to result in a nominal temporary contribution to regional GHG emissions. The replacement of the existing FID pipeline would result in the continued operation of an existing pipeline and would not result in an increase in operational energy use or vehicle trips that could generate a new source of GHG emissions. Further, the replacement of the existing FID pipeline would not expand conveyance capacity in a manner that could otherwise increase operational energy use or GHG emissions. Because the project would result in minimal GHG emissions during construction and operation, the replacement of the existing FID pipeline would also be consistent with the City's General Plan and 2014 Greenhouse Gas Reduction Plan. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to GHG emissions.

4.9 Hazards and Hazardous Materials

Section 9, *Hazards and Hazardous Materials*, of the adopted IS/MND analyzed the originally approved project's potential to create a significant hazard due to hazards and hazardous materials. The adopted IS/MND determined that, based on required compliance with existing regulations, construction and operation of the originally approved project would not create a significant hazard to the public as a result of the transport, use, disposal, or release of hazardous materials. The replacement of the existing FID pipeline would result in construction activities that would be consistent with those evaluated under the originally approved project and would continue to be required to comply with existing regulations to avoid accidental release conditions during project activities.

The replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project; therefore, as evaluated in the adopted IS/MND, the project would be located within 0.25 mile of three schools and in the vicinity of a previously recorded closed release site and previously recorded underground storage tanks (USTs) and aboveground storage tanks (ASTs). The replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project; therefore, the replacement of the existing FID pipeline would have similar impacts to those evaluated in the adopted IS/MND. As identified in the IS/MND, Mitigation Measure HAZ-1 requires soil sampling and identifies the proper protocol to be implemented in the event hazardous substances are identified within soils at the project site, which would reduce potential impacts to less-than-significant levels. Therefore, no new or more severe impacts beyond what was identified in the IS/MND would occur.

Consistent with the originally approved project, the replacement of the existing FID pipeline would not result in the construction of any new occupiable building or structures and would not be located within a high or very high fire hazard severity zone (FHSZ) or within a wildland area; therefore, the project would not expose people or structures to the risk of wildfire. Further, the replacement of the existing FID pipeline would not result in features that could impede emergency access or evacuation efforts.

Based on the analysis provided above, the replacement of the existing FID pipeline would not result in any new impacts related to hazards and hazardous materials beyond what was identified in the IS/MND, and no new mitigation measures are required.

4.10 Hydrology and Water Quality

Section 10, *Hydrology and Water Quality*, of the adopted IS/MND evaluated the project's potential to increase pollutants at the project site that could run off into surrounding areas. As discussed in the adopted IS/MND, based on preparation and implementation of a SWPPP with BMPs, the originally approved project would not violate any water quality standards. The replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project and would continue to be required to prepare and implement a SWPPP with BMPs; therefore, the project would not violate any water quality standards. The adopted IS/MND determined that the originally approved project would not increase stormwater runoff as a result of the substantial alteration of drainage patterns or creation of impervious surface area. The replacement of the existing FID pipeline would require a negligible increase in excavation activities that would generally be consistent with those evaluated under the originally approved project. The replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project and would not require any additional ground disturbance beyond what was covered in the adopted IS/MND, nor would it create additional impervious surface area within the project area; therefore, the project would not increase stormwater runoff as a result of the substantial alteration of drainage patterns or creation of impervious surface area. As evaluated in the adopted IS/MND, the project site is not located within a flood hazard zone. Because the project would be located entirely within the footprint of the originally approved project, the replacement of the existing FID pipeline would also not be located within a flood hazard zone. Consistent with the adopted IS/MND, the replacement of the existing FID pipeline would not increase conveyance capacity in a manner that could increase water use or interfere with a groundwater management plan. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to hydrology and water quality.

4.11 Land Use/Planning

Section 11, *Land Use and Planning*, of the adopted IS/MND evaluated the originally approved project's consistency with the Southwest Fresno Specific Plan. Consistent with the analysis in the adopted IS/MND, the replacement of the existing FID pipeline to allow for the construction of the proposed trail alignment would be consistent with the applicable planning documents because the proposed Class I trail is identified as a planned trail in the Southwest Fresno Specific Plan. The replacement of the existing FID pipeline would be located entirely below ground and would not result in new features that could divide an established community. As such, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to land use and planning.

4.12 Mineral Resources

As discussed in Section 12, *Mineral Resources*, of the adopted IS/MND, mining within the city is only permitted in the Mining Overlay District; therefore, the originally approved project would not result in the loss of availability of known mineral resources. Consistent with the analysis provided in the approved IS/MND, the replacement of the existing FID pipeline would not be located within the City's Mining Overlay District. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to mineral resources.

4.13 Noise

Section 13, *Noise*, of the adopted IS/MND analyzed the originally approved project's consistency with the City's noise thresholds. The replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project. As evaluated for the originally approved project, per Section 10-109 of the City's Municipal Code, construction noise associated with the project would be exempt from the City's noise standards because proposed construction activities would take place between 7:00 a.m. and 10:00 p.m. Additionally, any groundborne vibration associated with the replacement of the existing FID pipeline would be exempt from the City's vibration standards, pursuant to Section 15-2507 of the City's Municipal Code. Consistent with the analysis provided in the adopted IS/MND, operation of the project would not result in an increase in long-term noise because the replacement of the existing FID pipeline to allow for the construction of the proposed trail alignment would ultimately reduce vehicle trips in proximate areas by providing active transportation opportunities. Further, the proposed pipeline replacement would result in the continued operation of an existing pipeline and would not result in an increase in operational noise or vibration above existing conditions.

The originally approved project is located approximately 0.5 mile south of the Fresno Chandler Executive Airport but is not located within an unacceptable noise contour associated with the airport. Because the replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project, the project would not be located within an unacceptable noise contour associated with the airport. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to noise.

4.14 Population and Housing

As determined in Section 14, *Population and Housing*, of the adopted IS/MND, the originally approved project would be limited to the construction of a planned trail and would not induce population growth or displace existing housing. Consistent with the originally approved project, the replacement of the existing FID pipeline would not increase conveyance capacity or otherwise induce population growth or displace existing housing; therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to population and housing.

4.15 Public Services

As determined in Section 15, *Public Services*, of the adopted IS/MND, the originally approved project would not interfere with or increase demand on existing fire protection services, police protection services, public schools, public parks, or other public facilities. The replacement of the existing FID pipeline would also not interfere with or increase demand on existing fire protection services, police protection services, public schools, public parks, or other public facilities. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to public services.

4.16 Recreation

As determined in Section 16, *Recreation*, of the adopted IS/MND, the originally approved project would not increase demand on existing recreational facilities. Consistent with the evaluation included in the adopted IS/MND, the replacement of the existing FID pipeline would not increase demand on recreational facilities. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to recreation.

4.17 Transportation and Traffic

Section 17, *Transportation*, of the adopted IS/MND analyzed the originally approved project's potential impacts on the circulation system. It was determined that the originally approved project may require temporary traffic controls that could conflict with applicable circulation plans. The replacement of the existing FID pipeline would result in construction activities that would generally be consistent with those evaluated under the originally approved project and would likely require similar traffic controls that could conflict with applicable circulation plans. As identified in the IS/MND, implementation of Mitigation Measure TRAN-1 would ensure potential impacts related to consistency with applicable circulation plans would be reduced to less-than-significant levels. Therefore, no new or more severe impacts beyond what was identified in the IS/MND would occur.

At the time the original IS/MND was adopted, the City had not established VMT-based criteria for measuring transportation impacts. On June 25, 2020, the City adopted CEQA Guidelines for Vehicle Miles Traveled Thresholds (Fresno VMT Thresholds), pursuant to Senate Bill 743, to be effective July 1, 2020. The Fresno VMT Thresholds document was prepared and adopted consistent with the requirements of State CEQA Guidelines Sections 15064.3 and 15064.7. The California Governor's Office of Planning and Research *Technical Advisory on Evaluating Transportation Impacts in CEQA* was utilized as a reference and guidance document in the preparation of the Fresno VMT Thresholds. The City of Fresno VMT Thresholds adopted a screening standard and criteria that can be used to screen out qualified projects that meet the adopted criteria from needing to prepare a detailed VMT analysis.

Section 3, *Project Screening*, of the Fresno VMT Thresholds discusses a variety of projects that may be screened out of a VMT analysis, including specific development and transportation projects. For development projects, conditions may exist that would presume that a development project has a less-than-significant impact. These may be size, location, proximity to transit, or trip-making potential. For transportation projects, the primary attribute to consider is the potential to increase vehicle travel, sometimes referred to as "induced travel." As discussed in the Fresno VMT Thresholds, the *Technical Advisory on Evaluating Transportation Impacts in CEQA* lists a series of projects that are not expected to generate a substantial or measurable increase in vehicle travel and, therefore, would not require an induced travel analysis. This transportation project is eligible to screen out because the project would result in the replacement of the existing FID pipeline to allow for the construction of a Class I bike path, trail, multi-use path, or other off-road facility that serves nonmotorized travel. Further, the proposed pipeline replacement would result in the continued operation of an existing pipeline and would not increase vehicle trips within the project area. Therefore, the replacement of the existing FID pipeline would be consistent with State CEQA Guidelines Section 15064.3(b) and would continue to result in a less-than-significant impact related to VMT.

The replacement of the existing FID pipeline does not include the construction of additional roadways that could increase roadway hazards within the project area. Further, the replacement of the existing FID pipeline would not result in features that could impede emergency access. Therefore, consistent with the determination of the approved IS/MND, the replacement of the existing FID pipeline would not increase roadway hazards due to design or incompatible use, nor would it result in inadequate emergency access. Based on the analysis provided above, the replacement of the existing FID pipeline would not result in any new impacts related to transportation beyond what was identified in the IS/MND, and no new mitigation measures are required.

4.18 Tribal Cultural Resources

As discussed under Section 18, *Tribal Cultural Resources*, Assembly Bill 52 was conducted for the originally approved project and no responses were received. Construction activities for the replacement of the existing FID pipeline would generally be consistent with the originally approved project, and no additional ground disturbance beyond what was covered in the adopted IS/MND would occur. The replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project and would require a negligible increase in excavation activities that would generally be consistent with those evaluated under the originally approved project; therefore, the project would not require disturbance in areas that were previously not evaluated for potential impacts on tribal cultural resources. Consistent with the analysis of the IS/MND, compliance with existing regulations would reduce potential impacts related to the inadvertent discovery of tribal cultural resources. In the event of inadvertent discovery of tribal cultural resources, existing regulations would require work to be temporarily halted by the on-site construction manager; a qualified archaeologist to be retained; and all federal, state, and local guidelines pertaining to the unanticipated discovery of archaeological and human resources to be adhered to (e.g., notification of applicable agencies, preservation, treatment, recovery procedures, etc.). Consistent with the evaluation included in the adopted IS/MND, based on required compliance with existing regulations, the replacement of the existing FID pipeline would not result in an adverse change to the significance of a tribal cultural resource. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to tribal cultural resources.

4.19 Utilities and Service Systems

Section 19, *Utilities and Service Systems*, of the adopted IS/MND determined that the originally approved project would not result in any impacts on potable water, wastewater, or solid waste services. Consistent with the determination of the adopted IS/MND, the replacement of the existing FID pipeline would not increase conveyance capacity in a manner that could increase demand on potable water or wastewater services. In addition, the replacement of an existing FID pipeline would not increase demand on solid waste services. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to utilities and service systems.

4.20 Wildfire

Section 20, *Wildfire*, of the adopted IS/MND determined that the originally approved project would not result in impacts related to risk of wildfire because the originally approved project would not be located in a high or very high FHSZ or within a wildland area and does not include the construction of any habitable structures. Consistent with the originally approved project, the replacement of the existing FID pipeline would not result in the construction of any new occupiable buildings or structures. Because the replacement of the existing FID pipeline would be located entirely within the footprint of the originally approved project, the project would not be located within a high or very high FHSZ or within a wildland area. Therefore, the replacement of the existing FID pipeline would not result in any new or more severe impacts related to wildfire.

5 BASIS FOR ADDENDUM

Based on the analysis provided above, the replacement of the existing FID pipeline would not trigger any of the conditions listed in State CEQA Guidelines Sections 15162 or 15164 and would not require the preparation of a subsequent IS/MND. The replacement of the existing FID pipeline is relatively minor in nature and, as documented above, would not result in any new significant environmental effects or a substantial increase in the severity of previously identified significant effects. Additionally, no new information of substantial importance that was not known and could not have been known with the exercise of reasonable diligence at the time the previous IS/MND was adopted has been identified. The City has reviewed and considered the information contained in this Addendum and finds that the preparation of subsequent CEQA analysis that would require public circulation is not necessary.

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APPENDIX A

Adopted Initial Study/Mitigated Negative Declaration



Southwest Fresno Green Trail Project

Initial Study – Mitigated Negative Declaration

prepared by

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February 2020

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Appendix F Tribal Consultation Outreach Letters

Initial Study

1. Project Title

City of Fresno Southwest Green Trail Project

2. Lead Agency Name and Address

City of Fresno – Public Works Department
2600 Fresno Street, 4th Floor, Room 4016
Fresno, California 93721

3. Contact Person and Phone Number

Han Ngo, P.E., Project Manager
han.ngo@fresno.gov

4. Purpose

The purpose of this stand-alone Initial Study/Mitigated Negative Declaration (IS/MND) is to evaluate potential environmental impacts from implementation of the Southwest Green Trail (project) in the City of Fresno, California. Pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15367, the City of Fresno is the Lead Agency in the preparation of this IS/MND. The City has discretionary authority over the proposed project and is the Lead Agency for any additional environmental documentation required.

This document provides a description of the location and the characteristics of the project. An environmental checklist follows, giving an overview of the potential impacts that may result from project implementation. This IS/MND elaborates on the information contained in the environmental checklist, along with justification for the responses provided in the environmental checklist, referencing analysis from existing relevant CEQA documents where applicable.

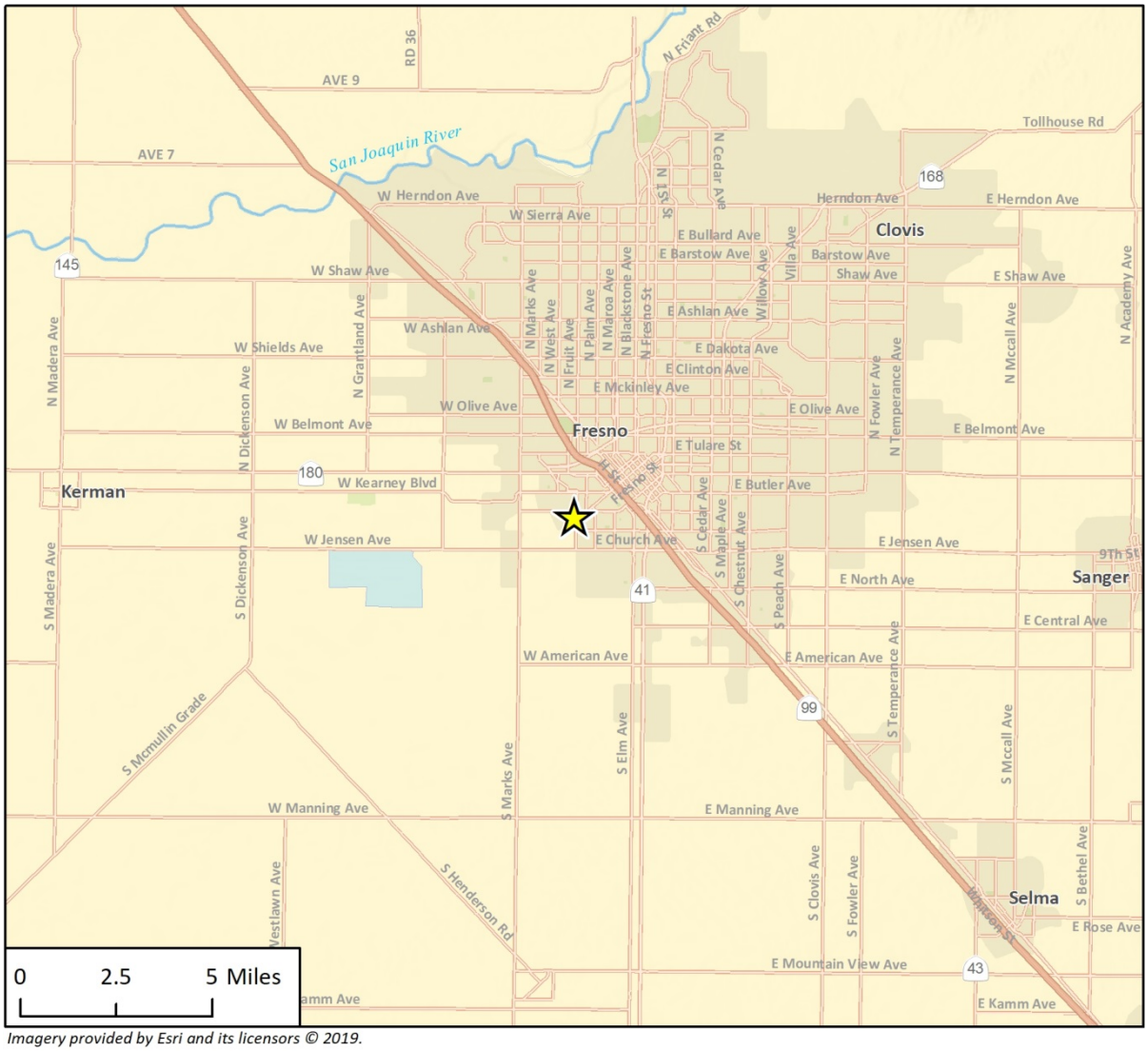
5. Project Location

The project is located in the southwestern portion of the City of Fresno, along the Fanning Ditch alignment between S. West Avenue and S. Thorne Avenues. Figure 1 shows the project location from a regional perspective and Figure 2 shows the proposed trail alignment in the neighborhood context. The alignment is proposed on disturbed land cover and within non-native annual grassland between E. Florence Avenue and S. Delno Avenue. A canal flows next to the alignment along W. Church Road between S. Fruit Avenue and S. Thorne Avenue. The canal traverses underground from S. Fruit Avenue and travels along the alignment and resurfaces just west of S. West Avenue. The proposed trail alignment passes through several Accessor Parcel Numbers (APNs), as listed below in Table 1. Photos of the alignment area are shown in Figure 3 and Figure 4.

Table 1 Summary of Parcels

APN	Property Owner
477-040-73T	Fresno Housing Authority
477-040-72	Fresno Housing Authority
477-040-69T	Fresno Housing Authority
477-040-51T	Fresno Housing Authority
477-040-75ST	Fresno Housing Authority
477-040-20T	Fresno Housing Authority
477-051-04ST	City of Fresno
477-051-01T	Fresno Housing Authority
477-040-30T	Fresno Metropolitan Flood Control District
477-053-23S	Private Property

Figure 1 Regional Location



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Project Location

N



Figure 2 Project Location Aerial



Imagery provided by Microsoft Bing and its licensors © 2019.

Fig X Project Site Aerial

Figure 3 Site Photos



Photo 1 – View from S. Fruit Avenue of the Fanning Ditch and W. Church Road, looking to the east.



Photo 2 – View of the intersection of S. Fruit Avenue and W. Church Road, looking to the east. This intersection would be improved with the trail alignment, new curb and gutters, and a crosswalk.

Figure 4 Site Photos



Photo 3 – View of an existing path adjacent to an electricity power station, looking to the southeast. The proposed trail alignment would traverse the foreground of the photo.

6. General Plan Designation

The proposed trail alignment and project components traverse numerous parcels with different general plan designations, as shown in Figure 5.

7. Zoning

The proposed trail alignment and project components traverse numerous parcels with different zoning designations, as shown in Figure 6.

8. Description of Project

The City of Fresno is proposing to design/construct an approximately 0.8 mile long Class I trail along the Fanning Ditch alignment between S. West Avenue and S. Thorne Avenue. The project would be funded by the *Transformative Climate Communities Program*. The area of the proposed alignment consists of undeveloped fields with the exception of the Fanning Ditch and Fresno Metropolitan Flood Control District ponding basin.

Project design/construction would include an asphalt paved trail. The ultimate width of the trail may consist of 12-foot wide asphalt pavement and 12-foot wide landscaped areas on either side of the pavement. The project would include other compoenents such as new street and trail lights, curb and gutters, new ADA compliant curb ramps, and landscaping. Construction of the proposed trail may also include re-alignment of a portion of W. Florence Avenue east of S. West Avenue and earthwork to regrade the adjacent ponding basin, situated northeast of the intersection of W. Florence and W. West Avenues. In order to construct the trail, the City must acquire aditional land along the trail alignment. Individual project components are discussed in further detail below and are shown in Figure 7 through Figure 9.

Street and Trail Lights

The project would install new street and trail lights at various points along the trail. Proposed lighting would be along the new trail as shown in Figure 7, Figure 8, and Figure 9.

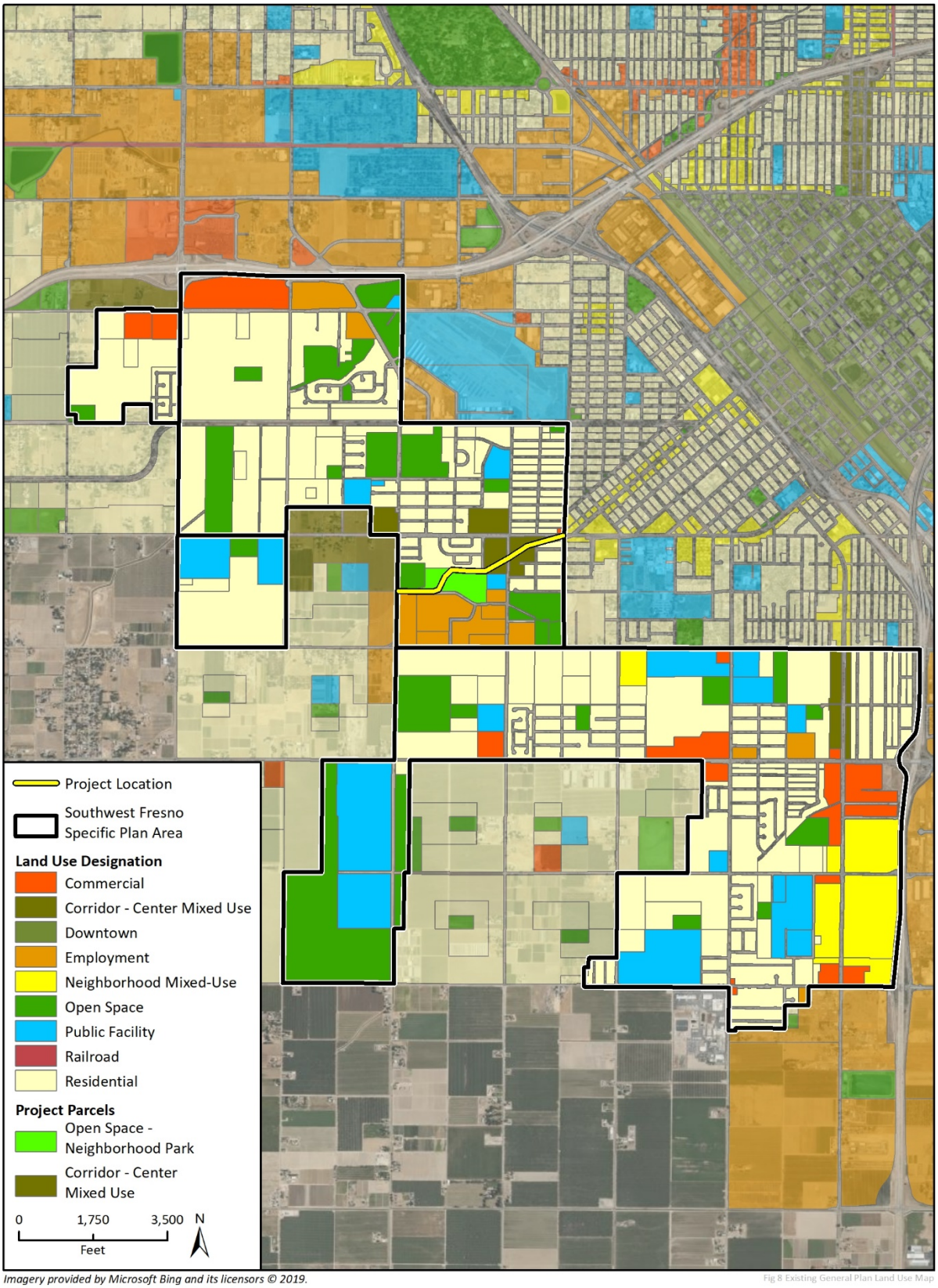
Iron Barrier Fence

The project would construct an iron barrier fence at the trail head located at the southwest corner of West California Avenue and South Thorne Avenue to block public vehicle access.

Curb, Gutter, Crosswalk

To make the trail accessible from adjacent roadways, the project would construct new curb and curb ramps, gutters and crosswalks. These components would be Americans with Disabilities Act (ADA) compliant and are proposed to increase accessibility to the proposed trail path. As shown in Figure 8 and Figure 9, new crosswalks are proposed at the connection of West Church Road and South Fruit Avenue and at the end of South Arthur Avenue connecting to West Church Road. Curb ramps and sidewalks are proposed at the intersection of South West Avenue and West Florence Avenue, the end of South Arthur Avenue, and the southwest corner of West California Avenue and South Thorne Avenue.

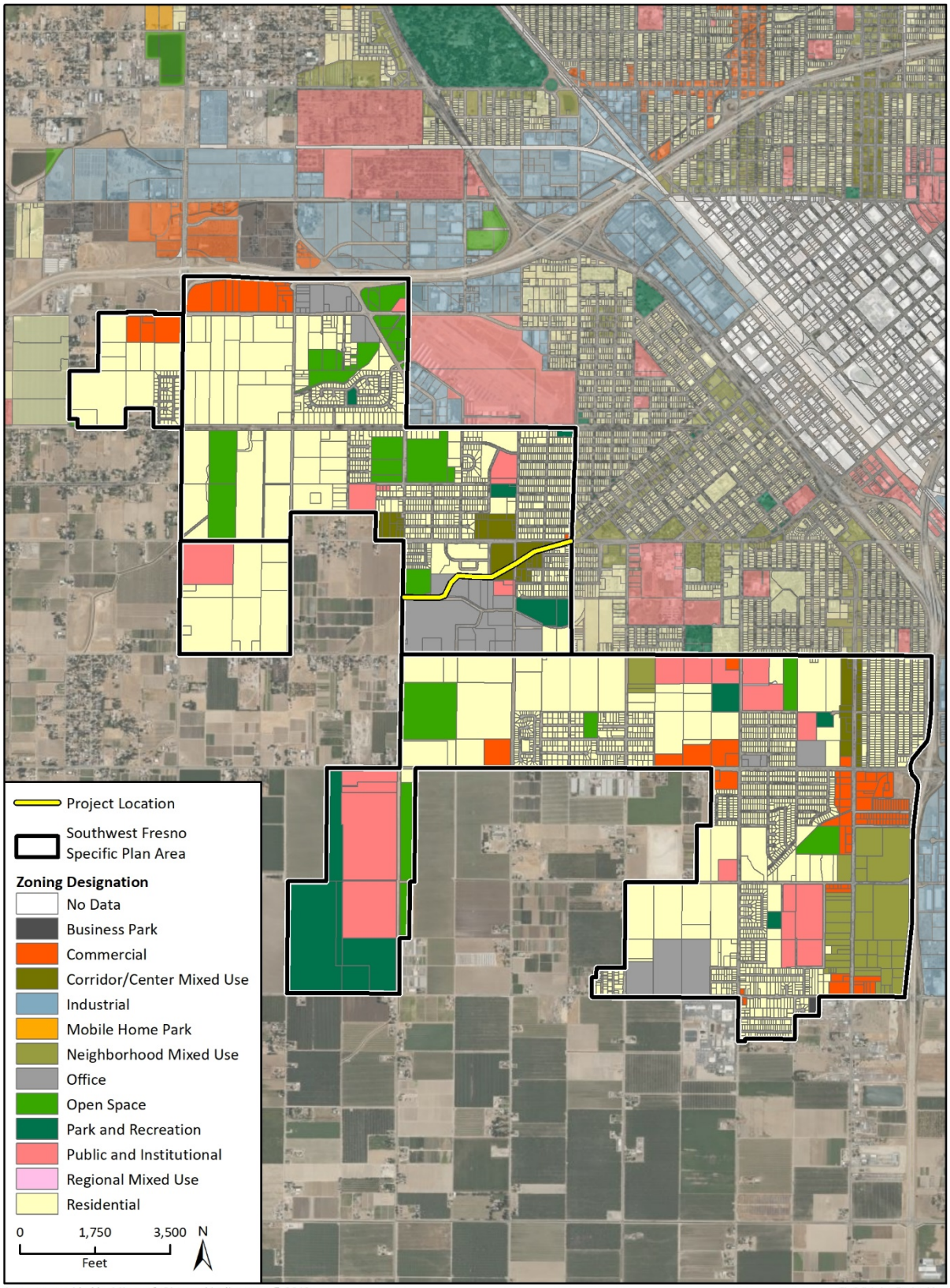
Figure 5 General Plan Land Use Designations



Imagery provided by Microsoft Bing and its licensors © 2019.
Land use and specific plan data provided by City of Fresno, 2019.

Fig 8 Existing General Plan Land Use Map

Figure 6 Zoning Designations



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Zoning and specific plan data provided by City of Fresno, 2019.

Figure 7 Project Components (1 of 3)

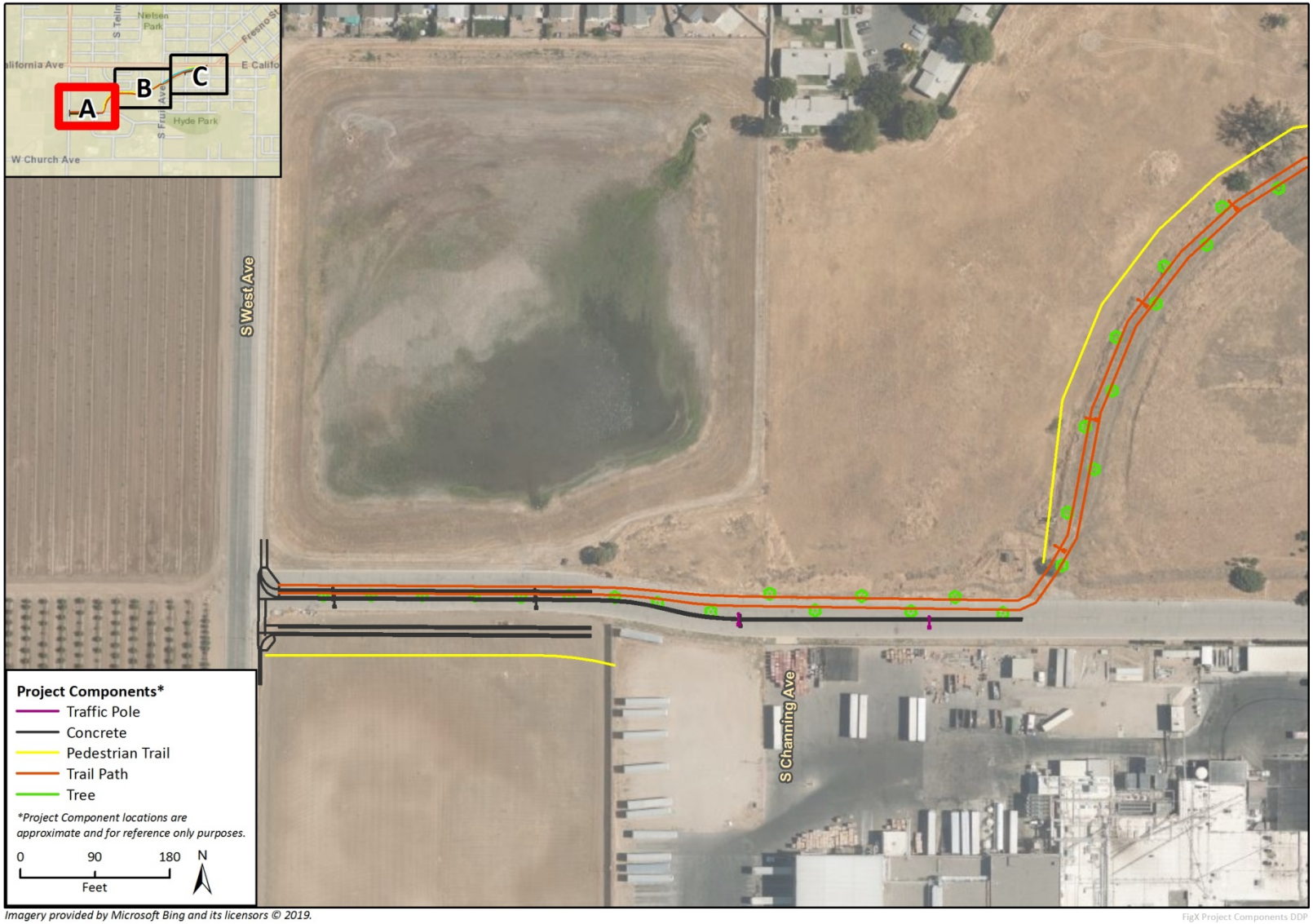


Figure 8 Project Components (2 of 3)

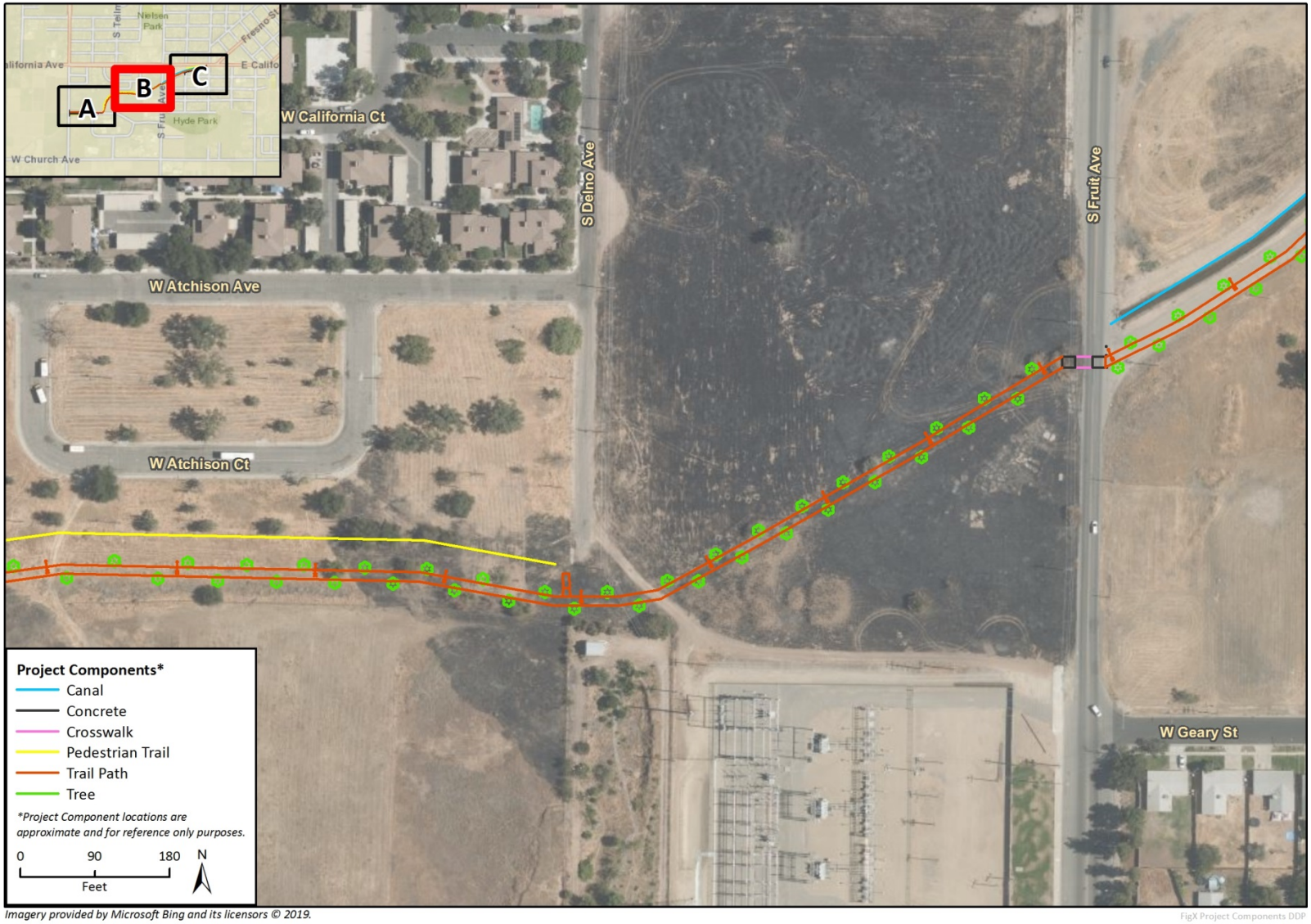
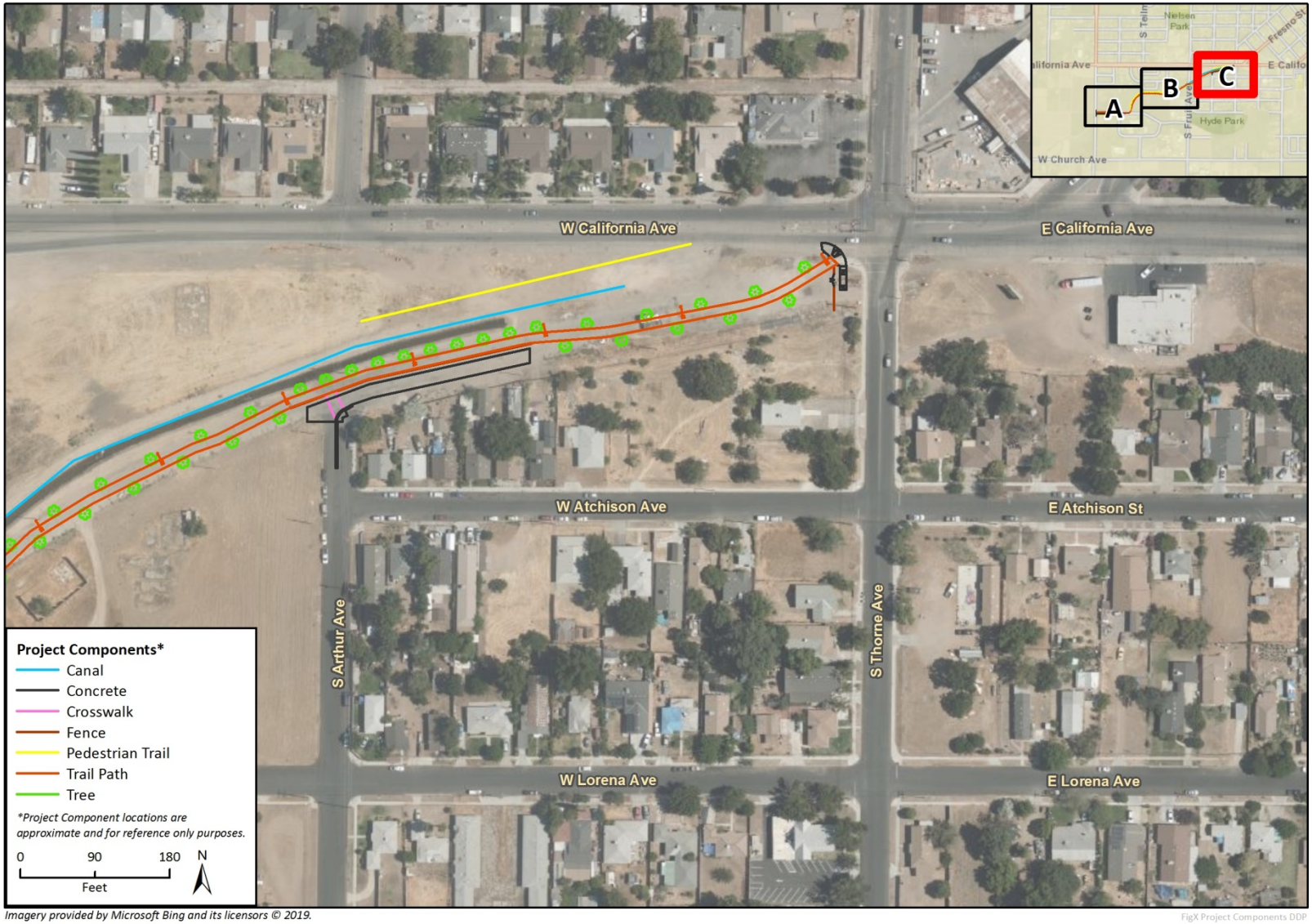


Figure 9 Project Components (3 of 3)



Landscaping

As shown in Figure 7 through Figure 9, the project would add new trees to line the edges of the proposed trail path. In addition to trees, the project would add ornamental landscaping.

Construction

To construct the trail, approximately 2,500 cubic yards of excavated soil would be cut and then used as fill as needed and where appropriate. Approximately 1.4 acres would be paved. Construction would occur between the hours of 7:00 am and 4:00 pm, Monday through Friday. The project's anticipated construction schedule and equipment required is shown below in Table 2.

Table 2 Construction Schedule

Construction Phase:	Length	Equipment
Demolition	March 2022 to April 2022	
Site Preparation	April 2022 to May 2022	Backhoes, Dozers, Excavators,
Grading	May 2022 to June 2022	Compactors, Crawler Tractors, Dozers, Excavators, Graders, Generator/Compressor, Scrapers, Signal Boards, Trenchers
Asphalt Paving	June 2022 to July 2022	Concrete/Industrial Saws, Compactors, Generator/Compressor, Pavers, Paving Equipment, Rollers, Signal Boards, Surfacing Equipment
Estimated Construction Completion	September 2022	

9. Surrounding Land Uses and Setting

The proposed trail alignment runs through a portion of southwest Fresno, which is generally on the urban fringe where the dense urban areas to the northeast merge with the light industrial and agricultural areas to the southwest. To the north and east of the proposed trail alignment, the surrounding area is generally developed with single family residences. To the west and south, the surrounding area is generally undeveloped parcels with agricultural and light industrial uses.

10. Other Public Agencies Whose Approval is Required

There are no other public agencies whose approval would be required.

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Environmental Factors Potentially Affected

This project would potentially affect the environmental factors checked below, involving at least one impact that is "Potentially Significant" or "Less than Significant with Mitigation Incorporated" as indicated by the checklist on the following pages.

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

Determination

Based on 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 to 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 "less than significant with mitigation incorporated" 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 measures 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 potential significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

2/13/2020
Date

Randall Morrison
Printed Name

Assistant Director
Title

Environmental Checklist

1 Aesthetics

	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 a 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 that would adversely affect daytime or nighttime views in the area?	☐	☐	■	☐

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

There are no identified or designated scenic vistas located within the City of Fresno. However, distant views of the natural landscape features of the Sierra Nevada Mountains are located approximately 21 miles east of the project site (City of Fresno 2017). The project would construct an approximately 0.8-mile Class I trail along Fanning Ditch alignment between S. West Avenue and S. Thorne Avenues. The proposed trail would include a 12-foot wide paved asphalt trail and 12-foot wide landscaped areas on either side of the paved asphalt trail. Other trail design features would include: new street and trail lights, curb and gutters, new ADA compliant curb ramps, and an iron barrier fence. No structures are proposed that would obstruct natural landscaped views. Therefore, no impacts would occur to scenic vistas.

NO IMPACT

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

Scenic highways are California highways designated by a local governing body and protected by the State Scenic Highway Program for the purpose of protecting and enhancing the natural scenic beauty of California highways and adjacent corridors through special conservation treatment. There are no officially designated State Scenic Highways in Fresno (City of Fresno 2017) and no scenic features at the site. Therefore, no impacts to scenic resources, trees, rock outcroppings and/or historic buildings would occur.

NO IMPACT

c. Would the project, 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 a 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 is located within a primarily urbanized area of Fresno and runs through a mixed-use community surrounded by residential, office, open space and institutional uses as indicated in the zoning map shown in Figure 6. The project is also within the Southwest Fresno Specific Plan and designates the trail alignment as a planned Class I Trail (City of Fresno 2017). Fresno adopted Trail Design Guidelines in June 2017 that provide trail design standards to ensure trails and associated amenities, guidelines, and specific standards are adhered to (City of Fresno 2017). Therefore, the project would not conflict with applicable zoning or other regulations governing scenic quality. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?

The project is located within a primarily urbanized area of Fresno. Furthermore, the project is a planned Class I Trail designated in the Southwest Fresno Specific Plan. Potential sources of light or glare would be the installation of new street and trail lights along the trail alignment that would be required to adhere to Trail Design Guidelines as mentioned in Impact-1c (City of Fresno 2017). The project would also be required to adhere to Article 25 Section 15-2508 of the Fresno Municipal Code which provides additional lighting and glare regulations (City of Fresno 2016). These provisions include regulations for lighting placement to deflect light away from adjacent properties and public streets and direct glare from floodlights away from other property or streets, and requirements to install windows/other building materials that would not cause disruptive glare to adjoining properties. Therefore, impacts on daytime and nighttime view due to light and glare would be negligible. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on 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?	☐	☐	☐	■
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?	☐	☐	☐	■

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

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

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 proposed trail alignment is located on land designated by the Department of Conservation's Farmland Mapping and Monitoring Program as Urban and Built Up land and Vacant or Disturbed land (Department of Conservation 2018). As such, the proposed project would not have the

potential to convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. In addition, none of the parcels on which the proposed alignment are located are zoned for agricultural uses or are under Williamson Act contract (City of Fresno 2017; 2019). Because the project would not result in conversion or conflicts related to agricultural land, there would be no impact.

NO IMPACT

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))?

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

There are no forested areas in the vicinity of the proposed trail alignment and none of the parcels where the proposed trail alignment is located, are zoned for timber of forest production (City of Fresno 2017; 2019). Because the project would not result in the loss of forest land and would not conflict with zoning for forest land or timber land production, there would be no impact.

NO IMPACT

3 Air Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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?	☐	☐	■	☐

Air Quality Standards and Attainment

The project site is located in San Joaquin Valley Air Basin (SJVAB) under the jurisdiction of the San Joaquin Valley Air Pollution Control District (SJVAPCD). As the local air quality management agency, the SJVAPCD is required to monitor air pollutant levels to meet state and federal air quality standards and, if they are not met, to develop strategies to meet the standards.

Depending on whether or not the standards are met or exceeded, the SJVAB is classified as being in "attainment" or "nonattainment." Under state law, air districts are required to prepare a plan for air quality improvement for pollutants for which the district is in non-compliance. The SJVAB is in non-attainment for the federal standards for ozone and suspended particulate matter 2.5 microns or less ($PM_{2.5}$) and the state standards for ozone, suspended particulate matter 10 microns or less (PM_{10}) and $PM_{2.5}$. Characteristics and health implications of ozone and PM are described in Table 3.

Table 3 Health Effects Associated with Non-Attainment Criteria Pollutants

Pollutant	Adverse Effects
Ozone	(1) Short-term exposures: (a) pulmonary function decrements and localized lung edema in humans and animals and (b) risk to public health implied by alterations in pulmonary morphology and host defense in animals; (2) long-term exposures: risk to public health implied by altered connective tissue metabolism and altered pulmonary morphology in animals after long-term exposures and pulmonary function decrements in chronically exposed humans; (3) vegetation damage; and (4) property damage.
Suspended particulate matter (PM_{10})	(1) Excess deaths from short-term and long-term exposures; (2) excess seasonal declines in pulmonary function, especially in children; (3) asthma exacerbation and possibly induction; (4) adverse birth outcomes including low birth weight; (5) increased infant mortality; (6) increased respiratory symptoms in children such as cough and bronchitis; and (7) increased hospitalization for both cardiovascular and respiratory disease (including asthma).[a]
Suspended particulate matter ($PM_{2.5}$)	(1) Excess deaths from short- and long-term exposures; (2) excess seasonal declines in pulmonary function, especially in children; (3) asthma exacerbation and possibly induction; (4) adverse birth outcomes, including low birth weight; (5) increased infant mortality; (6) increased respiratory symptoms in children, such as cough and bronchitis; and (7) increased hospitalization for both cardiovascular and respiratory disease, including asthma.[a]

[a] More detailed discussions on the health effects associated with exposure to suspended particulate matter can be found in the following documents: EPA, Air Quality Criteria for Particulate Matter, October 2004.

Source: U.S. EPA, http://www.epa.gov/airquality/urbanair/

Air Quality Management

Under state law, the SJVAPCD is required to prepare a plan for air quality improvement for pollutants for which the District is in non-compliance. The 2016 Plan for the 2008 8-Hour Ozone Standard (2016 Ozone Plan) addresses the federal mandates related to the 2008 8-Hour ozone National Ambient Air Quality Standards (NAAQS). This plan builds upon the approaches taken in the 2007 8-Hour Ozone Plan and highlights current regulatory measures that have met and exceed federal Clean Air Act (CAA) requirements as well as acknowledge the significant amount of reductions to be achieved. The deadline for the San Joaquin Valley (Valley) to attain the 2008 8-Hour ozone standard is December 31, 2031. This requires another 207.7 tons per day in NOx reductions from stationary and mobile sources throughout the Valley. Currently, the ozone precursor emissions in the Valley are at historically low levels with approximately 80 percent reduction in NOx stationary source emissions since 1990. In addition, SJVAPCD updated their $PM_{2.5}$ standards in 2018, with their 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards (2018 $PM_{2.5}$ Plan). This plan develops a strategy to attain the federal health-based 1997, 2006, and 2012 NAAQS for $PM_{2.5}$ (SJVAPCD 2018). The 2018 $PM_{2.5}$ Plan addresses multiple federal $PM_{2.5}$ standards and outlines a combination of innovative regulatory and non-regulatory measures for mobile, stationary, and area source control. Additionally, the SJVAPCD adopted the 2007 PM_{10} Maintenance Plan and Request for Redesignation in 2007 (2007 PM_{10} Plan)(SJVAPCD 2007).

Methodology

The project consists of a trail with associated landscaping and street and trail lights and, therefore, would not be anticipated to result in substantial operational emissions of criteria pollutants. Emissions for construction of the project were estimated using the California Emissions Estimator Model Version 2016.3.2 (CalEEMod). The analysis reflects the construction of the project as described in the Project Description; CalEEMod defaults for construction phase length and

equipment were adjusted to match the project's estimated construction schedule and equipment list, respectively. Specific model inputs are provided in Appendix A.

It was assumed the proposed project would comply with applicable regulatory standards, including SJVAPCD's Regulation VIII construction dust control requirements. As such, twice daily site watering was incorporated into CalEEMod.

Air Emission Thresholds

The SJVAPCD has established individual project-level thresholds for temporary construction-related and long-term operational emissions of air pollutants, shown in Table 4. These thresholds represent the levels at which a project's individual emissions of criteria air pollutants or precursors would result in a cumulatively considerable net increase of criteria pollutants for which the SJVAB is in non-attainment under Federal and/or State ambient air quality standards (SJVAPCD 2015).

Table 4 SJVAPCD Thresholds of Significance

Pollutant/ Precursor	Construction Emissions (tpy)	Operational Emissions (tpy)
ROG	10	10
CO	100	100
SO_x	27	27
NO_X	10	10
PM_{10}	15	15
$PM_{2.5}$	15	15

Notes: tpy = tons per year, NO_X = oxides of nitrogen; $PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; PM_{10} = respirable particulate matter with an aerodynamic resistance diameter of 10 micrometers or less; ROG = reactive organic gases

Source: Table 2, Section 8.3, SJVAPCD 2015.

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

As described above, the SJVAB is in non-attainment for the federal standards for ozone and $PM_{2.5}$ and the state standards for ozone, PM_{10}, and $PM_{2.5}$. To achieve attainment and maintenance of federal and state air quality standards, SJVAPCD has adopted the 2016 Ozone Plan, 2018 $PM_{2.5}$ Plan, and 2007 PM_{10} Plan. SJVAPCD's *Guidance for Assessing and Mitigating Air Quality Impacts* does not provide specific guidance for determining a project's consistency with these applicable air quality plans. However, a project would generally be consistent with the air quality plans if it would not result in an increase in the frequency or severity of existing air quality violations or contribute to new violations, would conform to the assumptions employed in emissions inventorying and modeling in support of the air quality plans, and would comply with applicable control measures outlined in the air quality plans.

As discussed under threshold b, below, the project would not result in substantial operational emissions of criteria pollutants and construction emissions would be under significance thresholds established by SJVAPCD. Therefore, the project would not exacerbate existing exceedances of air quality standards or contribute to new violations. Emissions modeling and planning conducted in support of SJVAPCD's air quality plans are based on growth projections, land use, and vehicle miles

traveled (VMT) information provided by the Fresno Council of Governments (Fresno COG) (SJVAPCD 2015). The project would be consistent with these growth assumptions employed in the air quality plans because, as an active transportation project, the proposed trail would not result in population growth or increases in VMT beyond those used in SJVAPCD estimates. Finally, the project would be required to conform to all SJVAPCD control-measures, including construction dust suppression requirements under SJVAPCD Regulation VIII. Given the above considerations, the project would not conflict with or obstruct implementation of the applicable air quality plans. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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?

According to SJVAPCD *Guidance for Assessing and Mitigating Air Quality Impacts*, projects determined to be significant due to an exceedance of SJVAPCD thresholds would result in a cumulatively considerable net increase of criteria pollutants. Furthermore, projects which would cause a worsening of areas already exceeding those standards would be considered to result in a cumulatively considerable net increase of criterial pollutants (SJVAPCD 2015). The following discussion addresses potential air quality emissions impacts from the proposed project's construction and operational activities.

Construction

Table 5 summarizes the estimated maximum daily emissions (tons per year [tpy]) of pollutants associated with construction of the project. As shown below, ROG, NO_X, CO, SO_2, PM_{10}, and $PM_{2.5}$ emissions would remain below SJVAPCD thresholds. As such, construction-related air quality impacts would be less than significant.

Table 5 Construction Emissions (pounds/day)

Pollutant	Construction Emissions (tpy)	Significance Threshold (tpy)	Significant Impact?
ROG	0.1	10	No
NO_x	1.0	100	No
CO	0.9	10	No
SO_x	<0.1	27	No
PM_{10}	0.1	15	No
$PM_{2.5}$	0.1	15	No

tpy = tons per year

See Appendix A for CalEEMod worksheets.

Operational

The project would include a walking and bicycle trail with associated landscaping and street and trail lights. The project would accommodate and facilitate active transportation options, such as biking and walking, in turn reducing mobile source vehicle emissions by reducing VMT. Project components such as streetlights would consume energy, but would be connected to the electrical grid and, therefore, not associated with on-site operational air quality emissions. While project operation may involve activities associated with trail and lighting maintenance, such activities would be intermittent in nature and unlikely to result in substantial pollutant emissions. Given the project's minimal potential to generate operational air quality emissions, combined with its overall beneficial effect on regional air quality by reducing VMT and facilitating active transportation, project operation would not result in a cumulatively considerable net increase of criteria pollutants. This impact would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

Construction

Construction-related activities would result in short-term, project-generated emissions of diesel particulate matter (DPM) exhaust emissions from off-road, heavy-duty diesel equipment for demolition, site preparation, grading, and paving activities. DPM was identified as a toxic air contaminant (TAC) by CARB in 1998.

Generation of DPM from construction projects typically occurs in a single area for a short period. Construction of the proposed project would occur over approximately seven months. The dose to which the receptors are exposed is the primary factor used to determine health risk. Dose is a function of the concentration of a substance or substances in the environment and the extent of exposure that person has with the substance. Dose is positively correlated with time, meaning that a longer exposure period would result in a higher exposure level for the Maximally Exposed Individual. The risks estimated for a Maximally Exposed Individual are higher if a fixed exposure occurs over a longer period of time. According to the Office of Environmental Health Hazard Assessment (OEHHA), health risk assessments, which determine the exposure of sensitive receptors to toxic emissions, should be based on a 70-year exposure period; however, such assessments should be limited to the period/duration of activities associated with the project. Thus, the duration of proposed construction activities (i.e., seven months) is approximately one percent of the total exposure period used for health risk calculation. However, current models and methodologies for conducting health-risk assessments are associated with longer-term exposure periods of 9, 40, and 70 years, which do not correlate well with the temporary and highly variable nature of construction activities, resulting in difficulties in producing accurate estimates of health risk (Bay Area Air Quality Management District 2017).

The maximum PM_{10} and $PM_{2.5}$ emissions would occur during site preparation and grading activities. These activities would last for approximately two months. While the maximum diesel PM emissions associated with site preparation and grading activities would only occur for a portion of the overall construction period, these activities represent the worst case condition for the total construction period. This would represent less than one percent of the total exposure period for health risk calculation. Therefore, given the aforementioned, DPM generated by project construction is not expected to create conditions where the sensitive receptors would be exposed to substantial pollutant concentrations. This impact would be less than significant.

Operation

A CO hotspot is a localized concentration of CO that is above a CO ambient air quality standard. Localized CO hotspots can occur at intersections with heavy peak hour traffic. Specifically, hotspots can be created at intersections where traffic levels are sufficiently high such that the local CO concentration exceeds the federal one-hour standard of 35.0 parts per million (ppm) or the federal and state eight-hour standard of 9.0 ppm (CARB 2016). The proposed project would not consist of heavy traffic or idle vehicles, therefore emitting very low operational CO emissions.

The SJVAB is in conformance with state and federal CO standards, and most air quality monitoring stations no longer report CO levels. No stations within the vicinity of the project site have monitored CO since 2012. In 2012, the Fresno-Garland station detected an 8-hour maximum CO concentration of 2.06 ppm, which is substantially below the state and federal standards (CARB 2019). Project operation would not result in mobile trip generation and would reduce potential mobile source emissions of CO by facilitating active transportation, such as walking and biking, on the proposed trail. Based on the low background level of CO in the project area and the project's potential to reduce mobile source emissions and traffic congestion by facilitating active transportation, the project would not create new hotspots or contribute substantially to existing hotspots, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

For construction activities, odors would be short-term in nature and are subject to SJVAPCD Rule 4102, Nuisance. Construction activities would be temporary and transitory and associated odors would cease upon construction completion. Accordingly, the project would not create objectionable odors affecting a substantial number of people during construction, and project construction should have a less than significant impact in the short-term.

Common sources of operational odor complaints include sewage treatment plants, landfills, recycling facilities, and agricultural uses. The project would not include any of these uses that are known to generate odors. Therefore, the project would have a less than significant impact on operational odors.

LESS THAN SIGNIFICANT IMPACT

4 Biological Resources

	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 Wildlife 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, or regulations, or by the California Department of Fish and Wildlife or U.S. 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?	☐	■	☐	☐

Rincon Consultants, Inc. performed a literature review and reconnaissance field survey for the project in October 2019. The results of the literature review and species potential to occur table are included in Appendix B.

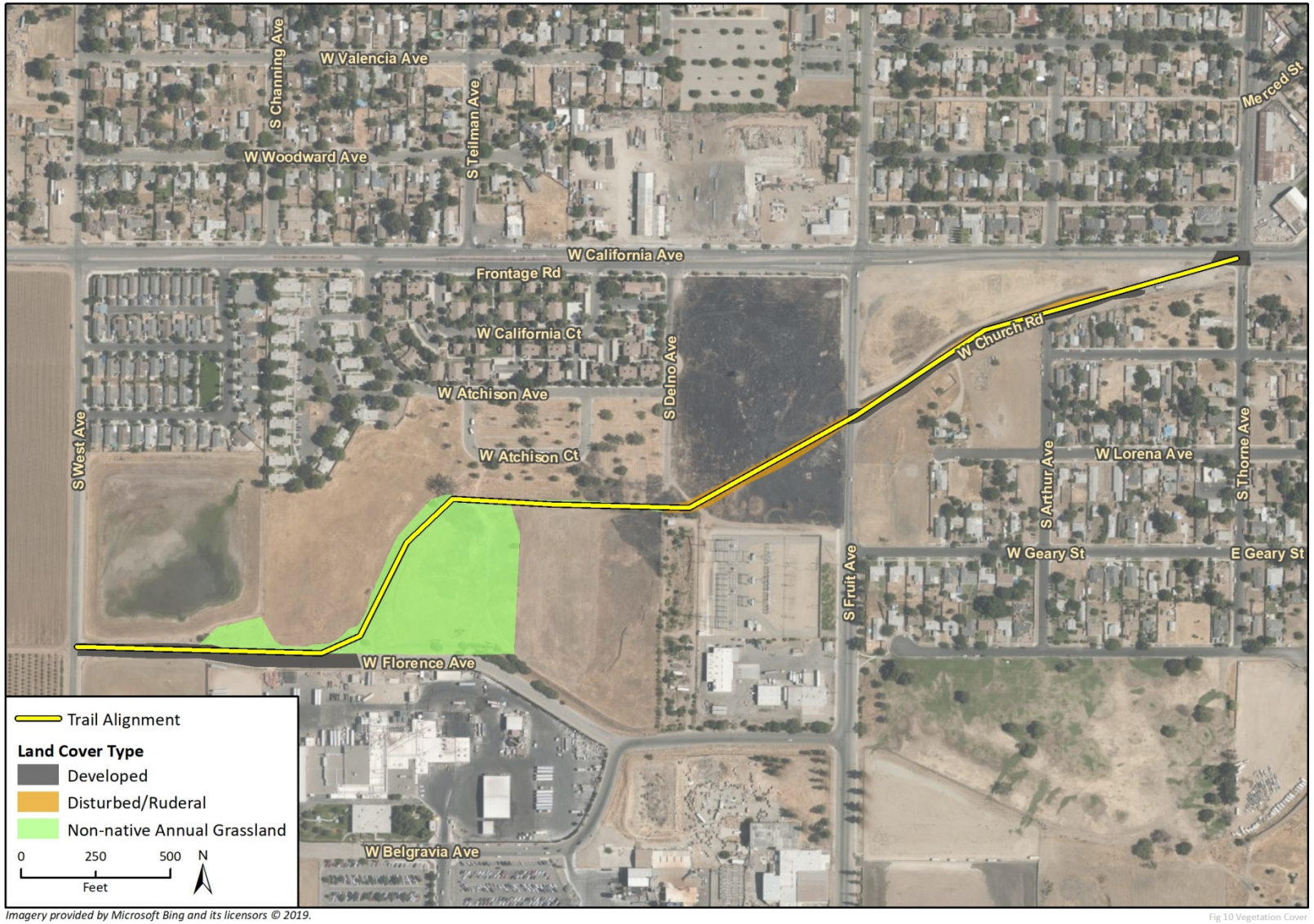
a. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish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

A field visit was conducted on October 21, 2019 to verify on-site conditions. The alignment occurs on disturbed/developed landcover and within non-native annual grassland between W. Florence Avenue and S. Delno Avenue. Figure 10 illustrate general vegetation coverage along the project alignment. A canal flows next to the alignment along W. Church Road between S. Fruit and S. Thorne Avenues. Water was flowing in the canal channel during the survey and a fish (unidentified) and wetland dependent plant species were observed within the canal channel. A desktop level review was conducted in October 2019 reviewing online resources such as the: United States Fish and Wildlife Service (USFWS) National Wetlands Inventory; USFWS Environmental Conservation Online System (ECOS) – Information for Planning and Consultation (IPaC); California Natural Diversity Database (CNDDB), and California Native Plant Society. Literature review results are included in Appendix B.

Based on the literature review and verified during the field reconnaissance survey, there are no special status plant communities in the project area. The literature review revealed that several special status animal species have been known to occur in the area. There is potential habitat where the proposed trail alignment is located for special status species including burrowing owl (*Athene cunicularia*) and western pond turtle (*Emys marmorata*). During the survey, four coyote dens with openings 8-12 inches in diameter were observed within 200 feet of the alignment. Coyote scat and prey items were observed near the dens. No sign of San Joaquin kit fox (SJKF) (*Vulpes macrotis mutica*) was observed, but they have potential to occur on the site. Nesting habitat for raptors, including Swainson's hawk (*Buteo swainsoni*), a state threatened species, is located next to the alignment and a prey base (California ground squirrel and Botta's pocket gopher) is available on site. The project could result in direct or indirect disturbance of these special status animal species, which is a potentially significant impact.

There are existing trees scattered in the project area and on the surrounding parcels that could provide nesting habitat for common bird species. Migratory nongame native bird species are protected by international treaty under the Federal Migratory Bird Treaty Act (MBTA) of 1918 (50 C.F.R Section 10.13). Sections 3503, 3503.5, and 3513 of the California Fish and Game Code (CFGC) prohibit take of all birds and their active nests including raptors and other migratory nongame birds (as listed under the Federal MBTA). The project could directly (e.g., through vegetation removal) and indirectly (e.g., through construction noise and vibration) affect nesting birds, which is a potentially significant impact.

Figure 10 Vegetation Map



Mitigation Measures

The following project-specific mitigation measures shall be incorporated prior to project site disturbance. These mitigation measures are based on the literature review and verification during a field reconnaissance survey conducted by Rincon Consultants, Inc. biologists on October 21, 2019.

BIO-1 Preconstruction Survey for Burrowing Owl and Avoidance Measures

No more than 15 days before the start of ground-disturbing activities for the project, a qualified biologist(s) knowledgeable of the species will conduct a focused, preconstruction survey for burrowing owls and any signs of them on the project site and within 250 feet where access allows. In conformance with federal and State regulations regarding the protection of raptors, the survey will be conducted per the Staff Report on Burrowing Owl Mitigation (2012). All areas of suitable habitat proposed for ground disturbance will be surveyed. If burrowing owls are detected, buffers and mitigation per the CDFW Staff Report on Burrowing Owl Mitigation will be implemented consisting of:

- A no disturbance buffer shall be established around occupied burrows. The buffer size may range from 150 feet to 650 feet depending on the time of year and the level of construction activity (refer to CDFW 2012).
- A qualified biologist shall monitor the nest to ensure construction activities will not adversely impact the nesting birds and determine when the burrow is no longer occupied.
- If construction activities cannot avoid the active burrowing owl nest, CDFW will be consulted. If necessary, burrowing owls may be passively relocated from burrows after an exclusion plan is prepared and approved by the CDFW.

BIO-2 Pre-construction Surveys for Western Pond Turtle, and Move Individuals to Safety

Prior to construction, a qualified biologist (i.e., a biologist approved by the California Department of Fish and Wildlife (CDFW) to handle western pond turtles) shall survey for western pond turtles within 0.25-mile of aquatic and riparian habitat, where accessible. If any pond turtles are detected during these surveys, or during construction in an area where individuals could be affected, they shall be moved by a qualified biologist to a suitable location outside the area of impact. The candidate sites for relocation shall be identified before construction and shall be selected based on the size and type of habitat present, the potential for negative interactions with resident species, and the species' range.

If any western pond turtle nests with eggs are found, the nests shall remain undisturbed until the eggs have hatched, if feasible. If avoidance of a nest is infeasible (e.g., if avoidance would result in an unacceptable delay in the project's schedule), or if the eggs are discovered only after the nest has been affected, any viable eggs shall be relocated to a suitable location outside the impact area. Egg relocation areas shall be identified based on pond turtle nesting biology. Any viable eggs shall be deposited in a hole and buried for thermal protection.

BIO-3 Measures for Protection of San Joaquin Kit Fox

No less than 14 days and no more than 30 days prior to commencement of construction activities the City of Fresno shall retain a USFWS- and CDFW-approved biologist to conduct pre-construction

surveys in potential habitat in the periphery of the trail alignment that has not been fragmented by agricultural-residential or urban development. The survey, reporting, and activities during construction shall adhere to the requirements contained in the U.S. Fish and Wildlife Service Standardized Recommendations for Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance. As described in the standardized recommendations, if a natal/pupping den is discovered within the proposed trail alignment or within 200-feet of the project boundary, the USFWS shall be immediately notified and the den shall not be disturbed or destroyed. If the preconstruction/preactivity survey reveals an active natal pupping den or new information, the project applicant shall contact the USFWS immediately to obtain the necessary take authorization/permit.

If San Joaquin kit fox use is observed, the den shall be avoided and the USFWS shall be contacted. Construction activities shall adhere to the avoidance and minimization measures outlined in the USFWS 2011 *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance*, outlined below:

- Project-related vehicles shall observe a 20-mph speed limit in all project areas, except on county roads and State and Federal highways; this is particularly important at night when kit foxes are most active. To the extent possible, night-time construction should be minimized. Off-road traffic outside of designated project areas shall be prohibited.
- To prevent inadvertent entrapment of kit foxes or other animals during the construction phase of a project, all excavated, steep-walled holes or trenches more than two feet deep shall be covered at the close of each working day by plywood or similar materials or provided with one or more escape ramps constructed of earth fill or wooden planks. Before such holes or trenches are filled, they shall be thoroughly inspected for trapped animals. If at any time a trapped or injured kit fox is discovered, the USFWS shall be notified within three days of the discovery.
- All food-related trash items such as wrappers, cans, bottles, and food scraps shall be disposed of in closed containers and removed at least once a week from a construction or project site.
- No firearms or pets shall be allowed on the project site.

  Use of rodenticides and herbicides in project areas should be restricted. This is necessary to prevent primary or secondary poisoning of kit foxes and the depletion of prey populations on which they depend. All uses of such compounds should observe label and other restrictions mandated by the U.S. Environmental Protection Agency, California Department of Food and Agriculture, and other State and Federal legislation, as well as additional project-related restrictions deemed necessary by the Service. If rodent control must be conducted, zinc phosphide should be used because of proven lower risk to kit fox.

BIO-4 Preconstruction Survey for Swainson's Hawk Nests and Avoidance Measures

To avoid impacts to nesting Swainson's hawk, all construction activities shall be limited to the time period between September 15 and March 1. If construction activities cannot be completed within this timeframe, a protocol-level survey shall be conducted in accordance with the Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley (Swainson's Hawk Technical Advisory Committee 2000). If nesting Swainson's hawks are detected within 0.5 mile of project activities, CDFW shall be consulted regarding the establishment of an avoidance buffer. If construction activities are necessary within the buffer zone, monitoring of the nest site by a qualified biologist shall be required. If the biologist determines the nest is abandoned and the nestlings are still alive, the project sponsor shall fund the recovery and hacking (controlled

release of captive reared young) of the nestling(s). Construction activities occurring within the 0.5 mile radius of an active nest may require a 2081 Incidental Take Permit from the CDFW if there is the likelihood that construction would cause the failure or abandonment of the nest.

BIO-5 Nesting Birds

If construction occurs during the bird breeding season (February 1 to August 31), a pre-construction nesting bird survey shall be conducted to determine the presence/absence and locations of nesting birds. The nesting bird survey shall be conducted by a qualified avian biologist no more than seven days prior to the start of ground disturbance or vegetation clearing. The nesting bird survey shall be conducted on foot inside the boundaries of the project site, including a 100-foot buffer (300-foot for raptors), and in inaccessible areas (e.g. private lands) from afar using binoculars to the extent practicable.

If an active bird nest is found during the nesting bird survey, an avoidance buffer (with its size dependent on the species, the proposed work activity, and existing disturbances associated with land uses outside the project site) shall be established surrounding the nest(s) and flagged for avoidance until the nest becomes inactive (i.e., nest is vacated, juveniles have fledged, left the area, are no longer being fed by the parents, and there is no evidence of a second nesting attempt). All construction personnel shall be notified as to the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No ground-disturbing activities shall occur inside this buffer until the avian biologist has confirmed that breeding/ nesting is completed, and the young have fledged the nest. Encroachment into the buffer shall occur only at the discretion of the qualified biologist. The avoidance buffer area for nesting birds may be reduced upon the approval of the avian biologist as determined by the species nesting and the activity being conducted.

The methods and results of the nesting bird survey(s), any nesting bird avoidance efforts as a result of those surveys, and the success of the avoidance buffers, shall be documented in a letter report (Nesting Bird Survey and Active Nest Monitoring Report) and shall be submitted to the City no later than three weeks following the completion of active nest monitoring activities.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

There are no riparian habitats or sensitive natural communities located along the proposed trail alignment. Implementation of the project would not have a substantial adverse effect on riparian or other sensitive natural communities.

NO IMPACT

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?

Based on a review of the National Wetlands Inventory map, and confirmed during the site survey, one wetland feature exists adjacent to the project alignment, which is a 5.13 acre freshwater ponding basin located at the corner of W. Florence Avenue and S. West Avenue. The basin is owned and maintained by the Fresno Metropolitan Flood Control District (FMFCD). Per FMFCD policy, the basin is scraped every 3-5 years to prevent the buildup of heavy metals to levels requiring disposal

as a hazardous material. The project would involve construction of curb and gutters, streetlights, and the proposed trail at the corner of W. Florence Avenue and S. West Avenue.

For projects larger than 1 acre, a storm water pollution prevention plan (SWPPP) must be provided that includes an erosion control site plan that identifies best management practices (BMPs) such as soil control for the project perimeter, track out locations, concrete wash areas, and drop inlet protections. BMPs identified in the required SWPPP would be incorporated into the design and construction phase of the project to ensure that no pollutants or siltation drain into the ponding basin. Project design features such as fencing, appropriate drainage and incorporating detention basins shall assist in ensuring project-related impacts to wetland habitat are minimized and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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?

A wildlife corridor is an area of habitat, generally native, connecting wildlife populations, and a nursery site can be defined broadly as a place where young animals grow or are cared for. The project alignment is relatively fragmented by roads and within a landscape dominated by agriculture, residential, industrial, and commercial land uses. Due to the fragmentation, the project area lacks corridors for wildlife movement or exchange of individuals between populations, and there is likely little use of the project area as native wildlife nursery sites as a result of existing land uses. Impacts related to interference with migratory wildlife corridors or nursery site would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

Fresno Municipal Code Section 13-305 states that existing preserved and landscaped trees within public property, including parkways, must be preserved. Section 13-305(k) discusses tree requirements in construction areas, which includes replacement and protection requirements.

The proposed trail alignment and final design details have not been finalized. Construction of the trail and other components may result in the removal of existing trees. If removals are required, the project would be required to comply with Fresno Municipal Code Section 13-305 which includes obtaining any necessary permits, implementing protection and guarding measures, and potential replacement requirements. Since the project would be subject to City Municipal Code requirements regarding tree preservation and would not conflict with any other local policies or ordinances for biological resources, impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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 site is located in an area that is covered by PG&E's San Joaquin Valley Operation and Maintenance Habitat Conservation Plan (HCP) (PG&E 2006). The HCP covers PG&E's routine operations and maintenance activities, as well as minor new construction, on any PG&E gas and

electrical transmission and distribution facilities, easements, private access routes, or lands owned by PG&E. The proposed project would not be expected to conflict or interfere with the HCP activities.

The trail alignment is also located in the planning area of the Recovery Plan for Upland Species of the San Joaquin Valley, which addresses recovery needs and goals for the San Joaquin kit fox, among other species. Implementation of Mitigation Measures BIO-1 through BIO-5 would reduce potential project impacts to wildlife, including but not limited to the San Joaquin kit fox, covered by the Recovery Plan and their associated habitat, and require consultation with the USFWS if take of federally-listed species would occur. Thus, with implementation of these measures, the project would not be expected to conflict with the goals of the Recovery Plan.

There are no other approved local, regional, or State habitat conservation plans with which the project would have the potential to conflict.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

5 Cultural Resources

	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 formal cemeteries?	☐	☐	■	☐

Rincon Consultants, Inc. prepared a Phase I cultural resources assessment for the project in October 2019. The purpose of the assessment was to document the results of the cultural resources records search, Native American outreach, and pedestrian field survey. The assessment is included as Appendix C.

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

Rincon Consultants, Inc. conducted a search of the California Historical Resources Information System (CHRIS) at the Southern San Joaquin Valley Information Center (SSJVIC) located at the California State University, Bakersfield on October 9, 2019. The search was performed to identify all previously recorded cultural resources, as well as previously conducted cultural resources studies within the project alignment and a 0.5-mile radius surrounding it. The CHRIS search included a review of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the Office of Historic Preservation Historic Properties Directory, the California Inventory of Historic Resources, and the Archaeological Determinations of Eligibility list.

The SSJVIC records search identified no previously recorded cultural resources within the project alignment. There are no structures on the project site that have the potential to be eligible as historic resources. The project site is not listed in the NRHP or the CRHR and does not appear to meet the criteria that would make it eligible for listing in either register. There would be no impact to historical resources.

NO IMPACT

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

As discussed in checklist item a, the SSJVIC records search identified no previously recorded cultural resources within the project alignment. The potential to encounter subsurface archaeological resources within the project site or its immediate vicinity is very low. Nevertheless, because ground

disturbing activities and excavation is required for the project, there is the potential for archaeological resources to be discovered during project grading. Should resources be discovered, work would be temporarily halted by the on-site construction manager, a qualified archaeologist would be retained, and all federal, state, and local guidelines pertaining to the unanticipated discovery of archaeological resources would be adhered to (e.g. notification of applicable agencies, preservation, treatment, recovery procedures, etc.). Required adherence to existing regulations would reduce this impact to less than significant.

LESS THAN SIGNIFICANT IMPACT

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

During the grading phase, the project would result in ground disturbing and excavation activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the county coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the county coroner must be notified immediately. If the human remains are determined to be prehistoric, the coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a most likely descendant (MLD). The MLD shall complete the inspection of the site and make recommendations to the landowner within 48 hours of being granted access. Compliance with existing regulations, such as Public Resources Code Section 5097.98, would reduce this impact to a less than significant level.

LESS THAN SIGNIFICANT IMPACT

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6 Energy

	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?	☐	☐	☐	■

California is the fourth lowest per capita energy users in the United States, due to its energy efficiency programs and mild climate (United States Energy Information Administration [EIA] 2018). California consumed 292,039 gigawatt-hours of electricity and 2,115 billion cubic feet of natural gas in 2017 (California Energy Commission [CEC] 2019, EIA 2018). The single largest end-use sector for energy consumption in California is transportation (40.3 percent), followed by industry (23.1 percent), commercial (18.7 percent), and residential (18.0 percent) (EIA 2018).

Most of California's electricity is generated in-state with approximately 30 percent imported from the Northwest and Southwest in 2017 (CEC 2019). In addition, approximately 30 percent of California's electricity supply comes from renewable energy sources, such as wind, solar photovoltaic, geothermal, and biomass (CEC 2019). Adopted on September 10, 2018, Senate Bill (SB) 100 accelerates the state's Renewable Portfolio Standards Program, codified in the Public Utilities Act, by requiring electricity providers to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045.

To reduce statewide vehicle emissions, California requires all motorists use California Reformulated Gasoline, which is sourced almost exclusively from in-state refineries. Gasoline is the most used transportation fuel in California with 15.1 billion gallons sold in 2015 and is used by light-duty cars, pickup trucks, and sport utility vehicles (CEC 2016a). Diesel is the second most used fuel in California with 4.2 billion gallons sold in 2015 and is used primarily by heavy duty-trucks, delivery vehicles, buses, trains, ships, boats and barges, farm equipment, and heavy-duty construction and military vehicles (CEC 2016b). Both gasoline and diesel are primarily petroleum-based, and their consumption releases greenhouse gas (GHG) emissions, including CO_2 and NO_X. The transportation sector is the single largest source of GHG emissions in California, accounting for 41 percent of all inventoried emissions in 2016 (CARB 2018).

Pacific Gas and Electric (PG&E) is the primary provider of energy (electricity and natural gas services) for the city. According to the Fresno General Plan MEIR, based on the electrical demand factors provided by PG&E, the total electrical demand for the City is approximately 2,992 million kWh/year. Total natural gas demand is approximately 159 million therms/year and the total yearly

consumption for vehicle fuels is approximately 184 million gallons/year based on an average of 18.2 miles per gallon.

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?

Energy use during construction of the project would be primarily in the form of fuel consumption to operate heavy equipment, light-duty vehicles, machinery, and generators. Temporary grid power may also be provided to construction trailers or electric construction equipment. Energy use during construction would be temporary in nature, and construction equipment used would be typical of construction projects in the region including heavy machinery such as graders, excavators, loaders, asphalt pavers, back hoes, etc. During construction, the energy used would be minimal as this activity is temporary. During the operational phase, the trail would not require significant energy use as no public facilities are proposed with the exception of lighting. This would result in minimal energy consumption. Therefore, project construction would not result in a potential impact due to wasteful, inefficient, or unnecessary consumption of energy resources, and impacts would be less than significant.

Minor operational vehicle trips associated with maintenance of the trail and other components may occur, but as discussed in Section 17, *Transportation*, the number of operational vehicle trips would be minor. As such, the project would have no impact on operational energy use.

LESS THAN SIGNIFICANT IMPACT

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

As mentioned above, SB 100 mandates 100 percent clean electricity for California by 2045. Because the proposed project's electric needs would be powered by the existing electricity grid, the project would eventually be powered by renewable energy mandated by SB 100 and would not conflict with this statewide plan. The City of Fresno does not have any specific renewable energy or energy efficiency plans with which the project could comply. Nonetheless, the project would not conflict with or obstruct the state plan for renewable energy; therefore, no impact would occur.

NO IMPACT

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7 Geology and Soils

	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:				
1. 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?	☐	☐	☐	■
2. Strong seismic ground shaking?	☐	☐	☐	■
3. Seismic-related ground failure, including liquefaction?	☐	☐	☐	■
4. 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 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 wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	■
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	■	☐	☐

a.1. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving 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?

a.2. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

a.3. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

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?

According to the Southwest Fresno Specific Plan Final Environmental Impact Report (EIR), the closest known active fault to the area is the Nunez Fault approximately 50 miles to the southwest; the nearest Alquist-Priolo Earthquake Fault Zone to the site is along the Nunez Fault. The project would not include construction of buildings that would be occupied by humans. According to the Southwest Fresno Specific Plan Final EIR, the trail alignment is not located in an area that is susceptible to strong seismicity or liquefaction. Further, the design and construction of the trail and other components would be constructed in conformance with California Building Code (CBC) Title 24, which identifies specific construction design requirements to reduce damage from strong seismic ground shaking, ground failure, landslides, soil erosion, and expansive soils. Impacts related to exposure to fault rupture, ground shaking, and seismic related ground failure would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.4. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

The proposed alignment is located in an area that is topographically flat and there are no adjacent hillsides which pose landslide hazards. There would be no impact.

NO IMPACT

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

Construction would involve soil disturbance, including grading and excavation. Potential impacts related to erosion are minimized using common and accepted practices to address runoff and storm water pollution prevention. For projects larger than 1 acre, a storm water pollution prevention plan (SWPPP) must be provided that includes an erosion control site plan that identifies best management practices (BMPs) such as soil control for the project perimeter, track out locations, concrete wash areas, and drop inlet protections. Compliance with these policies and with other pertinent regulations would ensure that potential soil erosion impacts, or the potential loss of topsoil, would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

The exact mix of soils on the project site is unknown at this time and expansive soils may occur. Expansive soils are soils that are high in clays or silts and swell and shrink with wetting and drying, respectively. This shrinking and swelling can result in differential ground movement, which can cause damage to foundations. However, proper fill selection, moisture control, and compaction during construction can prevent these types of soils from causing significant damage. In compliance with Section 1803 of the CBC, the City of Fresno would be required to perform soil investigations by a registered engineer in order to determine the presence of expansive soils prior to construction. If the project site is determined to contain expansive soils, the City of Fresno would be required to provide design (especially foundation design) and construction solutions to reduce the risks associated with unstable and expansive soils. Therefore, impacts related to expansive soils would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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 would not require the use of septic systems or construct alternative wastewater disposal systems. As such, there would be no impact related to incapable soils for alternative waste systems.

NO IMPACT

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

Paleontological resources are not known to be present on the site. However, since excavation is required, unanticipated paleontological resources could be discovered during project construction. Impacts on previously unidentified paleontological resources would be potentially significant.

Mitigation Measure

With implementation of Mitigation Measure GEO-1, impacts pertaining to the potential discovery of paleontological resources would be less than significant, as all work would be temporarily halted, and adherence of to all federal, state, and local guidelines would be followed.

GEO-1 Unanticipated Discovery of Paleontological Resources

If paleontological resources are discovered during excavation, grading, or construction, the construction manager shall immediately contact the City's Planning and Development Department, and all work shall cease in the area of the find until a qualified paleontologist evaluates the find. Work shall not resume until authorized by the Planning Manager and the qualified paleontologist. The paleontologist shall determine the location, the time frame, and the extent to which any monitoring of earthmoving activities shall be required. Found deposits shall be treated in accordance with federal, State, and local guidelines, including those set forth in California Public Resources Code Section 21083.2.

In the event an unanticipated fossil discovery is made during the course of project development, then in accordance with SVP (2010) guidelines, it is the responsibility of any worker who observes fossils within the project site to stop work in the immediate vicinity of the find and notify a qualified professional paleontologist who shall be retained to evaluate the discovery, determine its

significance and if additional mitigation or treatment is warranted. Work within 100 feet of the discovery will resume once the find is properly documented and authorization is given to resume construction work. Any significant paleontological resources found during construction monitoring will be prepared, identified, analyzed, and permanently curated in an approved regional museum repository.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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8 Greenhouse Gas Emissions

	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?	☐	☐	☐	■

Climate Change Background

Climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans along with other substantial changes in climate (such as wind patterns, precipitation, and storms) over an extended period of time. Climate change is the result of numerous, cumulative sources of greenhouse gases (GHGs). GHGs contribute to the "greenhouse effect," which is a natural occurrence that helps regulate the temperature of the planet. The majority of radiation from the Sun hits the Earth's surface and warms it. The surface in turn radiates heat back towards the atmosphere, known as infrared radiation. Gases and clouds in the atmosphere trap and prevent some of this heat from escaping back into space and re-radiate it in all directions. This process is essential to supporting life on Earth because it warms the planet by approximately 60° Fahrenheit. Emissions from human activities since the beginning of the industrial revolution (approximately 250 years ago) are adding to the natural greenhouse effect by increasing the gases in the atmosphere that trap heat, thereby contributing to an average increase in the Earth's temperature.

GHGs occur naturally and from human activities. Human activities that produce GHGs are the burning of fossil fuels (coal, oil and natural gas for heating and electricity, gasoline and diesel for transportation); methane from landfill wastes and raising livestock; deforestation activities; and some agricultural practices. GHGs produced by human activities include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6). Emissions of GHGs affect the atmosphere directly by changing its chemical composition while changes to the land surface indirectly affect the atmosphere by changing the way in which the Earth absorbs gases from the atmosphere. Potential impacts of global climate change in California may include loss of snow pack, sea level rise, more extreme heat days per year, more high ozone days, more large forest fires, and more drought years.

Regulatory Framework

Federal Regulations

The U.S. Supreme Court in *Massachusetts et al. v. Environmental Protection Agency et al*. ([2007] 549 U.S. 05-1120) held that the U.S. EPA has the authority to regulate motor-vehicle GHG emissions under the federal Clean Air Act. The U.S. EPA issued a Final Rule for mandatory reporting of GHG emissions in October 2009. This Final Rule applies to fossil fuel suppliers, industrial gas suppliers, direct GHG emitters, and manufacturers of heavy-duty and off-road vehicles and vehicle engines and requires annual reporting of emissions. In 2012 the U.S. EPA issued a Final Rule that establishes the GHG permitting thresholds that determine when Clean Air Act permits under the New Source Review Prevention of Significant Deterioration (PSD) and Title V Operating Permit programs are required for new and existing industrial facilities.

In 2014, the U.S. Supreme Court in *Utility Air Regulatory Group v. EPA* (134 S. Ct. 2427 [2014]) held that U.S. EPA may not treat GHGs as an air pollutant for purposes of determining whether a source is a major source required to obtain a PSD or Title V permit. The Court also held that PSD permits that are otherwise required (based on emissions of other pollutants) may continue to require limitations on GHG emissions based on the application of Best Available Control Technology (BACT).

California Regulations

California Air Resources Board (CARB) is responsible for the coordination and oversight of State and local air pollution control programs in California. California has numerous regulations aimed at reducing the state's GHG emissions. These initiatives are summarized below.

CALIFORNIA ADVANCED CLEAN CARS PROGRAM

Assembly Bill (AB) 1493 (2002), California's Advanced Clean Cars program (referred to as "Pavley"), requires CARB to develop and adopt regulations to achieve "the maximum feasible and cost-effective reduction of GHG emissions from motor vehicles." On June 30, 2009, U.S. EPA granted the waiver of Clean Air Act preemption to California for its greenhouse gas emission standards for motor vehicles beginning with the 2009 model year. Pavley I regulates model years from 2009 to 2016 and Pavley II, which is now referred to as "LEV (Low Emission Vehicle) III GHG" regulates model years from 2017 to 2025. The Advanced Clean Cars program coordinates the goals of the Low Emissions Vehicles (LEV), Zero Emissions Vehicles (ZEV), and Clean Fuels Outlet programs, and would provide major reductions in GHG emissions. By 2025, when the rules will be fully implemented, new automobiles will emit 34 percent fewer GHGs and 75 percent fewer smog-forming emissions from their model year 2016 levels (CARB 2011).

ASSEMBLY BILL 32

California's major initiative for reducing GHG emissions is outlined in Assembly Bill 32 (AB 32), the "California Global Warming Solutions Act of 2006," signed into law in 2006. AB 32 codifies the statewide goal of reducing GHG emissions to 1990 levels by 2020, and requires CARB to prepare a Scoping Plan that outlines the main State strategies for reducing GHGs to meet the 2020 deadline. In addition, AB 32 requires CARB to adopt regulations to require reporting and verification of statewide GHG emissions. Based on this guidance, CARB approved a 1990 statewide GHG level and 2020 limit of 427 MMT CO_2e. The Scoping Plan was approved by CARB on December 11, 2008, and

included measures to address GHG emission reduction strategies related to energy efficiency, water use, and recycling and solid waste, among other measures. Many of the GHG reduction measures included in the Scoping Plan (e.g., Low Carbon Fuel Standard, Advanced Clean Car standards, and Cap-and-Trade) have been adopted since approval of the Scoping Plan.

In May 2014, CARB approved the first update to the AB 32 Scoping Plan. The 2013 Scoping Plan update defines CARB's climate change priorities for the next five years and sets the groundwork to reach post-2020 statewide goals. The update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals defined in the original Scoping Plan. It also evaluates how to align the State's longer-term GHG reduction strategies with other State policy priorities, such as for water, waste, natural resources, clean energy and transportation, and land use (CARB 2014).

SENATE BILL 97

Senate Bill (SB) 97, signed in August 2007, acknowledges that climate change is an environmental issue that requires analysis in California Environmental Quality Act (CEQA) documents. In March 2010, the California Resources Agency (Resources Agency) adopted amendments to the State CEQA Guidelines for the feasible mitigation of GHG emissions or the effects of GHG emissions. The adopted guidelines give lead agencies the discretion to set quantitative or qualitative thresholds for the assessment and mitigation of GHG and climate change impacts.

SENATE BILL 375

SB 375, signed in August 2008, enhances the state's ability to reach AB 32 goals by directing CARB to develop regional GHG emission reduction targets to be achieved from passenger vehicles by 2020 and 2035. In addition, SB 375 directs each of the state's 18 major Metropolitan Planning Organizations (MPOs) to prepare a "sustainable communities strategy" (SCS) that contains a growth strategy to meet these emission targets for inclusion in the Regional Transportation Plan (RTP). On March 22, 2018, CARB adopted updated regional targets for reducing GHG emissions from 2005 levels by 2020 and 2035.

SENATE BILL 32

On September 8, 2016, the governor signed Senate Bill 32 (SB 32) into law, extending AB 32 by requiring the State to further reduce GHGs to 40 percent below 1990 levels by 2030 (the other provisions of AB 32 remain unchanged). On December 14, 2017, CARB adopted the 2017 Scoping Plan, which provides a framework for achieving the 2030 GHG target. The 2017 Scoping Plan relies on the continuation and expansion of existing policies and regulations, such as the Cap-and-Trade Program, as well as implementation of recently adopted policies and policies, such as SB 350 and SB 1383 (see below). The 2017 Scoping Plan also puts an increased emphasis on innovation, adoption of existing technology, and strategic investment to support its strategies. As with the 2013 Scoping Plan Update, the 2017 Scoping Plan does not provide project-level thresholds for land use development. Instead, it recommends that local governments adopt policies and locally-appropriate quantitative thresholds consistent with a statewide per capita goal of six metric tons (MT) CO_2e by 2030 and two MT CO_2e by 2050 (CARB 2017). As stated in the 2017 Scoping Plan, these goals may be appropriate for plan-level analyses (city, county, subregional, or regional level), but not for specific individual projects because they include all emissions sectors in the State (CARB 2017).

SENATE BILL 1383

Adopted in September 2016, SB 1383 requires CARB to approve and begin implementing a comprehensive strategy to reduce emissions of short-lived climate pollutants. The bill requires the strategy to achieve the following reduction targets by 2030:

- Methane – 40 percent below 2013 levels
- Hydrofluorocarbons – 40 percent below 2013 levels
- Anthropogenic black carbon – 50 percent below 2013 levels

The bill also requires the California Department of Resources Recycling and Recovery (CalRecycle), in consultation with the CARB, to adopt regulations that achieve specified targets for reducing organic waste in landfills.

SENATE BILL 100

Adopted on September 10, 2018, SB 100 supports the reduction of GHG emissions from the electricity sector by accelerating the state's Renewables Portfolio Standard Program, which was last updated by SB X 1-2 in 2011. SB 100 requires electricity providers to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045.

EXECUTIVE ORDER B-55-18

On September 10, 2018, the governor issued Executive Oder B-55-18, which established a new statewide goal of achieving carbon neutrality by 2045 and maintaining net negative emissions thereafter. This goal is in addition to the existing statewide GHG reduction targets established by SB 375, SB 32, SB 1383, and SB 100.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

Pursuant to the requirements of SB 97, the Resources Agency has adopted amendments to the *State CEQA Guidelines* for the feasible mitigation of GHG emissions or the effects of GHG emissions. The adopted *CEQA Guidelines* provide general regulatory guidance on the analysis and mitigation of GHG emissions in CEQA documents, while giving lead agencies the discretion to set quantitative or qualitative thresholds for the assessment and mitigation of GHGs and climate change impacts. To date, a variety of air districts have adopted quantitative significance thresholds for GHGs.

Local Regulations

FRESNO COUNCIL OF GOVERNMENTS FRESNO COUNTY 2018 REGIONAL TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY

The Final 2018 Regional Transportation Plan for Fresno County (RTP) adopted by Fresno COG meets Senate Bill 375 requirements to prepare a Sustainable Communities Strategy (SCS). The SCS includes active transportation as a key element to reduce greenhouse gases, reduce roadway congestion, and increases health and the quality of life of residents, and refers to projects that would enhance walking and biking facilities. The Southwest Fresno Green Trail Project is a planned active transportation project in the Fresno COG 2018 RTP/SCS (Fresno COG 2017).

CITY OF FRESNO GREENHOUSE GAS REDUCTION PLAN

The Fresno General Plan and Master EIR (MEIR) State Clearinghouse (SCH) #: 2012111015 discusses implementation of the city's Greenhouse Gas Reduction Plan (GGRP) which can be found in Appendix F of the city's General Master Plan. The GHG Plan focuses on emissions generated by activities under the control or influence of the City. The GHG Plan is designed to ensure that the development accommodated by the buildout of the Fresno General Plan supports the goals of Assembly Bill (AB) 32 (Fresno 2014a). This GGRP would reduce community-related and City operations-related greenhouse gas emissions to a degree that would not hinder or delay implementation of AB 32.

The 2014 GGRP was adopted prior to the signing of SB 32. Therefore, the 2014 GGRP is not considered "qualified" to determine the significance of a project, according to *CEQA Guidelines* Section 15183.5, as it does not align with the current state targets. Although the Fresno 2014 GGRP is not "qualified" under CEQA, the included GHG reduction strategies are intended to reduce overall GHG emissions, consistent with the Fresno General Plan.

Methodology and Significance Thresholds

Methodology

This section describes the potential environmental impacts of the proposed project.

GHG EMISSIONS

Criteria pollutant emissions are reported as the worst-case daily emissions. The analysis focuses on CO_2, CH_4, and N_2O because these represent most of the project's GHG emissions, which would result from operation of construction equipment and associated vehicle trips. The remaining GHG pollutants are associated with industrial processes and, as a recreational trail, the potential for such emissions from the project would be minimal.

DETERMINING EMISSIONS

CalEEMod version 2016.3.2 was used to estimate construction emissions for the proposed project, using the same assumptions as described in Section 3, *Air Quality*. Operational GHG emissions associated with trail lighting are estimated assuming that lights will operate on average 12.5 hours per day, each day of the year.

DETERMINING THRESHOLDS

Neither the SJVAPCD, Fresno COG, nor the City of Fresno have adopted an evidence-based numeric threshold consistent with the 2017 Scoping Plan and the state's long-term GHG reduction goals. SJVAPCD has recommends use of performance based standard thresholds; however, these thresholds would not be applicable to the project, as SJVAPCD has not established Best Performance Standards (BPS) specific to active transportation projects. Therefore, a net zero emissions threshold will be utilized as a threshold for determination of significance for the project.

Net-Zero Emissions

A screening level of net zero emissions for ongoing, annual operational emissions is consistent with the 2017 Scoping Plan. The 2017 Scoping Plan recognizes that achieving no net increase in ongoing operational GHG emissions compared to existing conditions would demonstrate that a project is not

contributing to climate change impacts, and it is a recommended objective for land use development projects that are able to feasibly achieve this goal (CARB 2017). This methodology and threshold were chosen for the proposed project since the SJVAPCD does not have a numeric threshold. This is a widely accepted approach with the Association of Monterey Bay Area Governments (AMBAG) planning area (Fortag 2019). Therefore, the project would not result in a significant impact on the environment if GHG emissions would result in zero net additional GHG emissions compared to the existing conditions baseline. However, the inability of a project to mitigate its GHG emissions to net zero does not imply the project results in a substantial contribution to the cumulatively significant environmental impact of climate change under CEQA.

SIGNIFICANCE THRESHOLDS

The significance of the proposed project's GHG emissions is based on screening level of net-zero operational emissions and consistency with the regional plans to reduce GHG emissions, the 2014 GGRP and Fresno COG RTP/SCS.

a. Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

Construction

The proposed project has the potential to generate GHG emissions construction from operation of heavy construction equipment and truck and vehicle trips. The GHG emissions estimated for construction of the project were estimated using CalEEMod, Version 2016.3.2 and the same assumptions as the air quality analysis, as presented in Section 3, *Air Quality*. Modeling results are provided in Appendix A. Construction of the proposed project would generate of a total of approximately 148 MT CO_2e over the approximately seven-month construction period, as shown in Table 6.

For comparison, in 2010, counties within the City of Fresno emitted 3,745,116 MT CO_2e of GHGs (Fresno 2014a). Project construction would result in the one-time contribution of approximately 0.004 percent of annual regional GHG emissions. As such, construction of the project would result in a nominal one-time contribution to regional GHG emissions.

Operation

Operation of the proposed project would not generate significant GHG emissions. No new or expanded parking facilities would be provided to accommodate trail visitors; thus, no net increase in vehicle trips to and from the trail is anticipated. As described in the *Project Description*, no new trail amenities requiring water are proposed, and new trail lighting and street lights would provide the only source of GHG emissions through electricity use. This energy used for lighting would generate less than 1 MT of CO_2e per year. Ultimately, the project is not anticipated to result in a net increase in GHG emissions as regional VMT is anticipated to decrease as a result of the project because the project would provide new opportunities for active transportation. The actual amount of VMT reductions is not known, however only a slight reduction in VMT each year would offset the small amount of GHG emissions generated through project lighting. Therefore, operation of the proposed project would not result in new, ongoing GHG emissions having a significant impact on the environment.

Additionally, the Fresno COG 2018 RTP/SCS is the regional planning document to reduce GHG emissions related to transportation in the region. The Fresno COG 2018 RTP/SCS includes active

transportation as a key element to reduce greenhouse gases, reduce roadway congestion, and increases health and the quality of life of residents, and includes the Southwest Fresno Green Trail project as one of the planned active transportation projects. Therefore, the proposed project would implement a planned active transportation facility that would assist in the implementation of the Fresno COG 2018 RTP/SCS.

In summary, the project would result in a temporary one-time contribution of 148 MT CO_2e during construction, but the project would not result in a net increase in ongoing annual GHG emissions compared to existing site conditions. The proposed project implements a goal of the Fresno COG 2018 RTP/SCS to increase active transportation opportunities. GHG emissions are ultimately anticipated to decrease under operation of the project as area vehicle trips are replaced by active transportation. Therefore, GHG emissions from the project would be less than significant.

LESS THAN SIGNIFICANT IMPACT

Table 6 Combined Annual Emissions of Greenhouse Gases

Emission Source	Annual Emissions (CO_2e in metric tons)
Construction	148.3
Operational	
Streetlights	<1
Total	**148.3**

See Appendix A for CalEEMod worksheets and calculations for streetlight/trail light electricity use emissions.

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

As discussed above, the City of Fresno has adopted a Greenhouse Gas Reduction plan—the 2014 GGRP—which was required by the Fresno General Plan. Project consistency with applicable measures contained in the 2014 GGRP and associated Fresno General Plan objectives is summarized in Table 7.

Table 7 Project Consistency with 2014 GGRP and General Plan

2014 GGRP Measure	General Plan Policy/Objective	Project Consistency
Pedestrian Oriented Development Providing pedestrian-friendly infrastructure such as sidewalks, paths, and direct connections to neighboring uses such as shopping, schools, libraries, and parks increase the potential for people to make trips on foot instead of car.	**Policy UF-12-e** Access to Activity Centers **Objective UF-14** Create and urban form to facilitate multi-modal connectivity. **Policy UF-14-a** Local Street Connectivity	**Consistent.** The project would provide a direct and safe pedestrian path from the communities on West Church Avenue, near the West Park Community, to Franklin School, Edison High School, and the West Fresno Branch Library.
Bicycle and Pedestrian Infrastructure Adequate pedestrian infrastructure connecting frequently accessed destinations and bicycle infrastructure including separate bicycle paths and bike lanes.	**Objective MT-4** Establish and maintain a continuous, safe and easily accessible bikeways system throughout the metropolitan area. **Policy MT-4-a** Bicycle, Pedestrian and Trails Master Plan **Policy MT-4-b** Bikeway Improvements **Policy MT-4-c** Bikeway Linkages **Objective MT-6** Establish a network of multi-purpose pedestrian and bicycle paths to link residential areas to local and regional open space and urban Activity Centers. **Policy MT-6-a** Link Residences to Destinations **Policy POSS-7-h** Interlink City and San Joaquin River Parkway Trail Networks	**Consistent.** The proposed project is an active transportation project that connects residents to the Franklin School, Edison High School, and West Fresno Branch Library. The project provides a safe route for pedestrians and bicyclists that shortens travel distances.

GGRP = Greenhouse Gas Reduction Plan
Source: Fresno 2014a

As shown in Table 7, the project is consistent with the relevant Greenhouse Gas Reduction Strategies in the 2014 GGRP, which, by extension, are consistent with the Fresno General Plan. Additionally, the project is consistent with the Fresno 2018 COG RTP/SCS as the project is included in the Fresno COG 2018 RTP/SCS as a planned active transportation project, as shown in Figure 4-13(a) of the Fresno COG 2018 RTP/SCS, and is designed to reduce GHG emissions through increased utilization of active transportation (Fresno COG 2017). Therefore, the project is consistent with the regional plans adopted for the purpose of reducing GHG emissions. The project would have no impact.

NO IMPACT

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9 Hazards and Hazardous Materials

	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 0.25 mile of an existing or proposed school?	☐	☐	■	☐
d. Be located on a site that is included on a list of hazardous material 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 in 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?	☐	☐	☐	■

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

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?

Construction and operation of the project would not involve the use or transport of hazardous materials beyond those used in operation of typical construction equipment or typical landscaping materials. Materials used for construction would be transported to and within the project site for regular construction activities, and may include: diesel fuel, lubricants, adhesives, cleaning solutions, and chemical toilets.

Hazardous materials use and transport during both construction and operation of the project would comply with pertinent federal, state, and City regulations regarding their storage, on-site use, and off-site disposal such as the Hazardous Materials Transportation Act, Resource Conservation and Recovery Act, the California Hazardous Material Management Act, and the California Code of Regulations, Title 22. Compliance with applicable regulations would ensure the project has a less than significant impact.

LESS THAN SIGNIFICANT IMPACT

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?

The nearest schools to the project are Bethune Elementary School, Franklin School, and Edison High School. These schools are located 0.3 mi, 0.13 mi, and 0.25 mi away, respectively. As discussed in checklist items a and b, although potentially hazardous materials such as fuels, lubricants, solvents, and oils could be used during construction and operation of the proposed project, the transport, use, and storage of any and all hazardous materials would be conducted in accordance with all applicable State and federal laws, as discussed in checklist items a and b. The proposed recreational project would not involve the use of large quantities of hazardous materials; therefore, impacts associated with hazardous emissions and hazardous materials near a school would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project be located on a site that is included on a list of hazardous material 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?

Rincon Consultants, Inc. prepared a Phase I Environmental Site Assessment (Phase I ESA) for the proposed project in October 2019. The analysis below is based primarily on the Phase I ESA prepared for the project, which is included as Appendix D.

As discussed in the Phase I ESA, a regulatory database search was conducted by Environmental Data Resources (EDR) for sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The search was conducted for the proposed trail alignment and included data from surrounding sites within a specified radius of the property. The proposed trail alignment was not listed in regulatory databases searched by EDR. Several adjacent properties were listed on both release and non-release databases.

Based on information available through EDR and the State Water Resources Control Board (SWRCB) GeoTracker online database, residual contamination may exist at the following upgradient and adjacent former release sites: 437 and 317 W. California Avenue, as well as the associated Fresno Housing Authority Brownfields sites located at 205-437 W. California Avenue and 2141 S. Fruit Avenue. The former release cases have been "closed" under the oversight of the Central Valley Regional Water Quality Control Board (RWQCB); however, there may be the potential for residual impacts or runoff from these sites to exist within the proposed trail alignment.

Additionally, there are two facilities located adjacent to the south of the proposed trail alignment which are associated with multiple underground storage tanks (USTs) and aboveground storage tanks (ASTs): Zacky Farms/Foster Farms Belgravia Plant (900 W. Belgravia Avenue) and Ortega's Meat, Harvey By-Products Co. (2316 S. Fruit Avenue). Neither of the facilities were listed on an unauthorized release database or GeoTracker.

Lastly, according to EDR, Triangle Cleaners (50 Fresno Street) operated in 1970 as a cleaners and dyers. It is unknown if Triangle Cleaners operated as a dry-cleaning facility and the facility was not listed on a release database.

Historical sources reviewed as part of the Phase I ESA include aerial photographs and topographic maps. The photos and maps reviewed indicate that the proposed trail alignment has been adjacent to a drainage channel since approximately 1923. The ponding basin is apparent in the 1967 aerial photograph. The drainage channel appears to have historically flowed northeast-southwest toward the basin. Aerial photographs indicate that properties adjacent to the proposed trail alignment have historically been used for both agricultural and industrial purposes.

Based on the findings of this Phase I ESA, Rincon Consultants, Inc. concluded two Recognized Environmental Conditions near the project site (historical presence of the Fanning ditch and Fresno Metropolitan Flood Control District ponding basin and historical adjacent agricultural and industrial land use).

Excavation and soil disturbance is proposed in areas where contaminated soils may potentially be present. This is a potentially significant impact.

Mitigation Measure

The following mitigation measure is required to ensure that sampling is conducted and that necessary remediation and clean up procedures are undertaken.

HAZ-1 Soil Sampling and Soil Management Plan

Prior to any ground disturbing activities, soil samples shall be collected in areas of proposed soil disturbance and excavations. Shallow soil samples shall be analyzed for organochlorine pesticides (OCPs), heavy metals, total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs). If deeper excavations are planned in the vicinity of the drainage pond, then additional soil or sediment samples shall be collected from the total depth of the planned excavations. Based on the results of the soil sample laboratory analysis and if contamination levels exceed the established screening levels set by the local oversight agency, a Soil Management Plan (SMP) shall be prepared and implemented. The SMP shall include a performance standard set by the local oversight agency that contamination levels must be reduced to. By implementing the SMP, any potential contamination that exists on-site would be excavated, remediated, and/or removed in accordance with Federal, State, and local regulations such that no exposure in exceedance of allowed standards would occur.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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 project does not propose habitable structures for residing or workplace opportunities. The proposed trail alignment is located approximately a half mile south of the Fresno Chandler Municipal Airport and is located in the Traffic Pattern Zone, which is the outermost classified Safety Zone of the Fresno Chandler Airport (FCOG 2018). Although the trail would be located within a designated safety zone where aircrafts would fly overhead, the project does not involve the construction of any structures or features that would subject users of the trail to substantial safety risks. In addition, the project does not propose high intensity uses, hazards to flight, or structures over 100 feet tall that would require Airport Land Use Commission (ALUC) review. The proposed alignment is located outside of the 60 and 65 CNEL future noise contours (FCOG 2018). Impacts related to exposure to safety hazards or excessive aviation related noise would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

As discussed in Section 17, *Transportation,* of this Initial Study, the proposed project is forecast to result in no significant traffic impacts. The project would not substantially alter the amount or arrangement of development on the project site compared to existing conditions, and the proposed alignment does not pass through any existing adopted emergency response/evacuation routes. The project would be required to conform to applicable California Fire Code standards. Submittal of plans in conformance with California Fire Code standards would be a condition of project approval and compliance would be confirmed as part of the Building and Safety plan check process. Therefore, implementation of the proposed project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, and no impact would occur.

NO IMPACT

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 does not propose housing or other habitable structures. Based on the California Department of Forestry and Fire Protection Fire Hazard Severity Zone Maps, the proposed trail alignment is not located in a Moderate, High, or Very High fire hazard severity zone (CALFire 2007). Further, as discussed in the Southwest Fresno Specific Plan Final EIR, there are no wildland areas in the Specific Plan area (City of Fresno 2017). There would be no impact related to exposure of people or structures to wildland fire hazards.

NO IMPACT

10 Hydrology and Water Quality

	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?	☐	☐	☐	■

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

CONSTRUCTION IMPACTS

Clearing, grading, excavation, and construction activities could impact water quality through soil erosion and increased silt and debris discharged into runoff. Additionally, the use of construction materials such as fuels, solvents, and paints may present a risk to surface water quality. Temporary storage of construction materials and equipment in work areas or staging areas could involve a release of hazardous materials, trash, or sediment to the storm drain system. The project would involve grading and painting activities, including grading along the adjacent FMFCD ponding basin located northeast of the intersection of W. Florence Avenue and S. West Avenue. As discussed in Section 4, *Biological Resources*, for projects larger than 1 acre, a SWPPP would be prepared and implemented as part of the project. The SWPPP would identify best management practices (BMPs) (silt fencing, straw waddles, etc.) which would be incorporated into the design and construction phase of the project to ensure that no pollutants or siltation drain into the ponding basin and/or other waterways. BMPs and associated project design features such as fencing, appropriate drainage and incorporating detention basins would assist in ensuring the project does not degrade surface or groundwater quality and reduce impacts to less than significant.

OPERATIONAL IMPACTS

The project would consist of a Class I trail that does not involve the construction of a use or facility with a demand for water or which would degrade water quality or availability in the area. Surface water/runoff is anticipated to flow to the southwest in Fanning Ditch, according to the Phase I ESA prepared by Rincon Consultants, Inc. The Southwest Fresno Specific Plan indicates the entire project area is served by FMFCD retention basins. Land developed within these areas are within the FMFCD Master Plan area and is exempt from further water quality requirements provided that the FMFCDs Storm Water Quality Management Plan is implemented (City of Fresno 2017). Basins are highly effective at reducing average concentrations of a broad range of contaminants, including several polyaromatic hydrocarbons, total suspended solids, and most metals. Pollutants are removed by filtration through soil, and thus don't reach the groundwater aquifer. Basins are built to design criteria exceeding Statewide Standard Urban Stormwater Mitigation Plan standards. The urban flood control system provides treatment for all types of development. Therefore, impacts during the operational phase are less than significant.

LESS THAN SIGNIFICANT IMPACT

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?

c.(i) 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 result in substantial erosion or siltation on- or off-site?

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

c.(iii) 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 that would 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?

c.(iv) 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 impede or redirect flood flows?

As discussed in Impact 10a, the project does not involve the construction of a use or facility that would demand water usage. As such, no substantial decrease in groundwater supplies would occur. The increase in impervious pavement from the construction of the asphalt pavement for the trail would potentially impede upon groundwater recharge, however, anticipated runoff would flow into the surrounding landscaped areas and existing Fanning Ditch, which would not interfere with groundwater recharge.

The project would not substantially alter existing drainage patterns of the site or area or substantially increase the rate or amount of runoff in a manner which would result in flooding, exceed planned storm water drainage systems, or provide substantial sources of polluted runoff.

Therefore, impacts to groundwater supply and existing drainage patterns are less than significant.

LESS THAN SIGNIFICANT IMPACT

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

The project is not located within a flood prone or hazard area. The Federal Emergency Management Agency (FEMA) Flood maps indicate the trail is located within a Zone X which are areas of 0.2% annual chance (500-year) flood. The Fanning Ditch which is directly adjacent to the trail alignment is within a Zone AE which has a Base Flood Elevation of 513 feet and the water-surface elevation of the 1% annual chance (100-year) flood (FEMA 2019).

A seiche is a surface wave created when an inland water body is shaken, usually by an earthquake. The nearest water body to the project capable of generating a seiche is Big Dry Creek Reservoir approximately 13 miles to the northeast. The trail alignment is not in the dam inundation area for Big Dry Creek Dam according the Southwest Fresno Specific Plan Final EIR (City of Fresno 2017).

A tsunami is an ocean wave caused by a sudden displacement of the ocean floor, most often due to earthquakes. The project is approximately 107 miles inland from the Pacific Ocean. There is no tsunami flood hazard within or near the trail alignment (City of Fresno 2017).

Therefore, the project would not result in the release of pollutants as it is not located in a potential flood hazard, tsunami or seiche zone. No impacts would occur.

NO IMPACT

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

The City of Fresno is within the Tulare Lake Basin and is under the jurisdiction of the Central Valley RWQCB (Region 5). The Central Valley RWQCB Region is divided into three basins, the Sacramento

River Basin, San Joaquin River Basin, and Tulare Lake Basin in which the project is located (City of Fresno 2017).

The Central Valley RWQCB monitors surface water quality through implementation of the Water Quality Control Plan for the Tulare Lake Basin (Basin Plan) and designates beneficial uses for surface water bodies and groundwater in the Basin. The Basin Plan also contains water quality criteria for groundwater. As mentioned in Impact 10a, the project does not involve the construction of a use or facility that would demand water usage. As such, the project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. No impacts would occur.

NO IMPACT

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11 Land Use and Planning

	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?	☐	☐	☐	■

a. Would the project physically divide an established community?

The project would be located along the existing Fanning Ditch from S. Thorne Avenue to the east and S. Fruit Avenue to the west. The project is located within a primarily urbanized area of Fresno and runs through a mixed-use community surrounded by residential, office, open space and institutional uses as indicated in the Fresno General Plan map in Figure 5 and zoning map shown in Figure 6. The project is also located within the Southwest Fresno Specific Plan and designates the trail alignment as a planned Class I Trail (City of Fresno 2017). Surrounding the project site are single family communities, commercial development, and vacant undeveloped lands. The project would construct a Class I trail that includes improvements such as new street and trail lights, curb and gutters, new ADA compliant curb ramps, and landscaping along the trail adjacent to Fanning Ditch. This would provide a pedestrian-friendly and biking accessible trail along currently vacant and underutilized parcels. Therefore, the project would not physically divide an established community. No impacts would occur.

NO IMPACT

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?

The project is located within the Southwest Fresno Specific Plan area which includes a limited bicycle and trail network within the project site and surrounding areas. Figure 5-2 of the Specific Plan's Existing and Planned Bicycle and Trail Network map shows the project is a Planned Class I Multi-Use Trail (City of Fresno 2017a). The project would facilitate future connectivity through bicycle and pedestrian integration with adjacent lands through utilization of the concept of Complete Streets. The trail improvements are also consistent with the planned Class I Trail segment designated in the Southwest Fresno Specific Plan. Therefore, the project is consistent with the Specific Plan objectives and policies and would not conflict with any applicable land use plan, policy or regulation of the City of Fresno. No impacts would occur.

NO IMPACT

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12 Mineral Resources

	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?	☐	☐	☐	■

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?

The City of Fresno permits mining only within the Mining Overlay District (Citywide Development Code). The proposed trail alignment is not located in a Mining Overlay District (City of Fresno 2019). The project site is located in an area classified as Mineral Resource Zone -3, which is defined as potential, but unproven mineral resource reserves (State of California, Division of Mines and Geology, Open File Report 99-02; City of Fresno 2017). Because the proposed project would not result in the loss of availability of known mineral resources, there would be no impact.

NO IMPACT

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13 Noise

	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?	☐	☐	■	☐

Background

Noise

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment (Caltrans 2013a).

Noise levels are commonly measured in decibels (dB) using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels so that they are consistent with the human hearing response. Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used to measure earthquake magnitudes. A doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dB; dividing the energy in half would result in a 3 dB decrease (Crocker 2007).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not “sound twice as loud” as one source. It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA, increase or decrease (i.e., twice the sound energy); that a change of 5 dBA is readily perceptible

(8 times the sound energy); and that an increase (or decrease) of 10 dBA sounds twice (half) as loud (10.5 times the sound energy) (Crocker 2007).

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in level as the distance from the source increases. The manner by which noise reduces with distance depends on factors such as the type of sources (e.g., point or line, the path the sound will travel, site conditions, and obstructions). Noise levels from a point source typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance (e.g., construction, industrial machinery, ventilation units). Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013a). Noise levels may also be reduced by intervening structures; the amount of attenuation provided by this "shielding" depends on the size of the object and the frequencies of the noise levels. Natural terrain features such as hills and dense woods, and man-made features such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5-dBA reduction in source noise levels at the receiver (Federal Highway Administration [FHWA] 2017). Structures can substantially reduce exposure to noise as well. The FHWA's guidelines indicate that modern building construction generally provides an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows.

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important factors of project noise impact. Most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. One of the most frequently used noise metrics is the equivalent noise level (L_{eq}); it considers both duration and sound power level. L_{eq} is defined as the single steady A-weighted level equivalent to the same amount of energy as that contained in the actual fluctuating levels over time. Typically, L_{eq} is summed over a one-hour period. L_{max} is the highest root mean squared (RMS) sound pressure level within the sampling period, and L_{min} is the lowest RMS sound pressure level within the measuring period (Crocker 2007).

Noise that occurs at night tends to be more disturbing than that occurring during the day. Community noise is usually measured using Day-Night Average Level (L_{DN}), which is the 24-hour average noise level with a +10 dBA penalty for noise occurring during nighttime hours (10:00 p.m. to 7:00 a.m.); it is also measured using Community Noise Equivalent Level (CNEL), which is the 24-hour average noise level with a +5 dBA penalty for noise occurring from 7:00 p.m. to 10:00 p.m. and a +10 dBA penalty for noise occurring from 10:00 p.m. to 7:00 a.m. (Caltrans 2013a). Noise levels described by L_{DN} and CNEL usually differ by about 1 dBA. The relationship between the peak-hour L_{eq} value and the L_{DN}/CNEL depends on the distribution of traffic during the day, evening, and night. Quiet suburban areas typically have CNEL noise levels in the range of 40 to 50 dBA, while areas near arterial streets are in the 50 to 60-plus CNEL range. Normal conversational levels are in the 60 to 65-dBA L_{eq} range; ambient noise levels greater than 65 dBA L_{eq} can interrupt conversations (Federal Transit Administration [FTA] 2018).

Some land uses are more sensitive to ambient noise levels than other uses due to the amount of noise exposure and the types of activities involved. For example, residences, motels, hotels, schools, libraries, churches, nursing homes, auditoriums, museums, cultural facilities, parks, and outdoor recreation areas are more sensitive to noise than commercial and industrial land uses.

Vibration

Vibration is a unique form of noise because its energy is carried through buildings, structures, and the ground, whereas sound is simply carried through the air. Thus, vibration is generally felt rather

than heard. Some vibration effects can be caused by noise (e.g., the rattling of windows from passing trucks). This phenomenon is caused by the coupling of the acoustic energy at frequencies that are close to the resonant frequency of the material being vibrated. Typically, ground-borne vibration generated by manmade activities attenuates rapidly as distance from the source of the vibration increases.

Existing Noise Environment

The most common and primary existing sources of noise along the project alignment are motor vehicle traffic (e.g., automobiles, buses, trucks, and motorcycles) along primary roadways, including West California Avenue and South Fruit Avenue, and truck circulation associated with industrial and manufacturing land uses south of West Florence Avenue near the proposed trail's western terminus. Motor vehicle noise is of concern because it is characterized by a high number of individual events, which often create a sustained noise level, and because of its proximity to noise sensitive uses. Through residential areas, noise along the project alignment would be characterized by sources typical of residential neighborhoods, including light vehicular traffic, car doors opening and closing, conversation, children playing, and dogs barking. Additionally, the site is located approximately 0.5 mile south of the Fresno Chandler Executive Airport, within the airport influence area (Fresno COG 2018). However, according to the Fresno County Airport Land Use Compatibility Plan, no portion of the project alignment is within the airport's present or future 60 or 65 CNEL noise contours (Fresno COG 2018).

Regulatory Framework

Noise

The Fresno General Plan Noise and Safety Element includes objectives and policies to protect public health and welfare from excessive noise (Fresno 2014b). The Noise and Safety Element provides an approach to regulate noise through community planning and includes the following noise standards for transportation (Table 8) and stationary sources (Table 9).

Table 8 Transportation (Non-Aircraft) Noise Sources

Noise-Sensitive Land Use	Outdoor Activity Areas[1] Ldn/CNEL, dB	Interior Spaces	
		Ldn/CNEL, dB	Leq dB[2]
Residential	65	45	–
Transient Lodging	65	45	–
Hospitals, Nursing Homes	65	45	–
Theaters, Auditoriums, Music Halls	–	–	35
Churches, Meeting Halls	65	–	45
Office Buildings	–	–	45
Schools, Libraries, Museums	–	–	45

[1] Where the location of outdoor activity areas is unknown or is not applicable, the exterior noise level standard shall be applied to the property line of the receiving land use.

[2] As determined for a typical worst-case hour during periods of use.

Source: Fresno General Plan, Noise and Safety Element, Table 9-2 (Fresno 2014b)

Table 9 Stationary Noise Sources

Noise Metric	Daytime (7:00 a.m. – 10:00 p.m.)	Nighttime (10:00 p.m. – 7:00 a.m.)
Hourly Equivalent Sound Level (Leq), dBA	50	45
Maximum Sound Level (Lmax), dBA	70	60

The Department of Development and Resource Management Director, on a case-by-case basis, may designate land uses other than those shown in this table to be noise-sensitive, and may require appropriate noise mitigation measures.

As determined at outdoor activity areas. Where the location of outdoor activity areas is unknown or not applicable, the noise exposure standard shall be applied at the property line of the receiving land use. When ambient noise levels exceed or equal the levels in this table, mitigation shall only be required to limit noise to the ambient plus five dB.

Source: Fresno General Plan, Noise and Safety Element, Table 9-3 (Fresno 2014b).

Fresno Municipal Code Section 15-02506(D) reiterates the noise standards for stationary sources provided in the Fresno General Plan Noise and Safety Element and summarized in Table 9. Section 15-2506(D)(4) states that when ambient levels exceed the stationary source noise standards, mitigation shall be required to limit noise to the ambient noise level plus five (5) decibels.

The Noise Ordinance, codified in Chapter 10, Article 1 of the Fresno Municipal Code states that no person shall make, cause, suffer, or permit to be made or caused upon any premises or upon any public street or place within the city any sound or noise causing discomfort or annoyance to any reasonable person of normal sensitiveness residing or working in the area (Chapter 10, Article 1, Section 10-105). The ordinance applies to radios, musical instruments, animals, machinery or equipment, and construction equipment.

Section 10-109 of the Fresno Municipal Code provides exceptions to the City's noise ordinance, stating that the provisions of the noise ordinance do not apply to construction, repair, or remodeling work accomplished pursuant to applicable permits issued by the City or other governmental agency, or to site preparation or grading, provided such work takes place from 7:00 a.m. – 10:00 p.m. on Monday through Saturday.

Finally, the Fresno County Airport Land Use Compatibility Plan establishes a noise land use compatibility matrix for land uses affected by airport noise. According to the Airport Land Use Compatibility Plan, outdoor recreation, including trails, are conditionally compatible within the 65-69 CNEL range, and incompatible within the 70-74 CNEL and 75+ CNEL range (Fresno COG 2018).

Vibration

Fresno Municipal Code Section 15-2507 states that no vibration shall be produced that is transmitted through the ground and is discernable without the aid of instruments by a reasonable person at the lot lines of a site. Vibration from temporary construction, demolition, and vehicles that enter and leave the subject parcel are exempt from this standard. The Fresno Municipal Code does not establish quantitative standards for vibration. Therefore, vibration impacts are analyzed using the thresholds from Caltrans' *Transportation and Construction Vibration Guidance Manual* and the FTA's *Transit Noise and Vibration Impact Assessment Manual* (Caltrans 2013b; FTA 2018). From these documents, the applicable thresholds for the vibration analysis are 0.5 peak particle velocity (PPV) inches per second at residential structures and the human "distinctly perceptible" threshold of 0.25 PPV inches per second.

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?

Construction

Construction activity would result in temporary noise in the project area, exposing surrounding sensitive receptors to increased noise levels. Typical heavy construction equipment during project grading and site preparation would include backhoes, graders, and dozers. It is assumed that diesel engines would power the construction equipment. Construction equipment would not all operate at the same time or location, as equipment would travel along the proposed project's alignment, limiting the duration of construction activities in proximity to any single receptor. In addition, construction equipment would not be in constant use during the eight-hour operating day.

Construction noise at nearby sensitive receptors was modeled using the FHWA Roadway Construction Noise Model (RCNM). The closest sensitive receptors to project construction would be single-family residences north of West Atchison Avenue and south of West Church Road (approximately 45 feet from the project alignment). Additional sensitive receptors in the vicinity of the project alignment include a single-family residence north of West Lorena Avenue (approximately 150 feet from the project alignment) and residences southwest of West Atchison Avenue (approximately 310 feet from the project alignment). Table 10 summarizes construction noise associated with each phase of construction, based on the equipment list used to model air quality emissions in CalEEMod and provided in the project description.

Table 10 Construction Noise Levels

		Noise Level at Sensitive Receptors (dBA L_{eq})		
Phase	Equipment[1]	Residences North of West Atchison Avenue[2]	Residence North of West Lorena Avenue[3]	Residences Southwest of West Atchison Avenue[4]
Demolition	Concrete Saw, Excavator (3), Dozer (2)	87.4	76.9	70.6
Site Preparation	Backhoe, Excavator, Dozer	82.0	71.6	65.2
Grading	Excavator, Dozer, Grader, Compactor, Scraper, Tractor, Trencher, Other Construction Equipment	89.2	78.7	72.4
Paving	Pavers (2), Concrete Saw, Roller, Compactor, Other Construction Equipment (2)	88.8	78.3	72.0

[1] Based on construction equipment list provided by CalEEMod output (Appendix A).

[2] Residences located approximately 45 feet from project alignment.

[3] Residence located approximately 150 feet from project alignment.

[4] Residences located approximately 310 feet from project alignment.

See Appendix E for RCNM worksheets.

As shown in Table 10, the loudest construction phase would be grading, during which noise levels would be approximately 89 dBA L_{eq} at the nearest residences. This exceeds the City of Fresno daytime and nighttime exterior noise standards. However, per Section 10-109, construction, repair, or remodeling work accomplished pursuant to applicable permits issued by the City or other

governmental agency, or site preparation or grading, provided such work takes place from 7:00 a.m. to 10:00 p.m. on Monday through Saturday, is exempt from the City's noise ordinance. As discussed in the project description, construction activities would be limited to between 7:00 a.m. and 4:00 p.m., Monday through Friday. Therefore, construction noise impacts would be less than significant.

Operational

The project involves construction of an approximately 0.8-mile bicycle and pedestrian trail, as well as associated landscaping and street and trail lighting. Operational noise associated with the project would be minimal and characterized by sources typical of recreational land uses, including conversations among cyclists and pedestrians or dogs barking. Such noise sources would be consistent with those already in existence in surrounding residential areas. The project would not result in trip generation and is intended to reduce vehicle trips on surrounding roadways by facilitating active transportation. Therefore, project operation would not increase roadway noise. Project operation may require occasional maintenance activities, including repair of street or trail lights and landscaping maintenance. Such activities would be intermittent in nature and would not be anticipated to result in a substantial increase in ambient noise levels. Consequently, operational noise impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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

Construction activities known to generate excessive ground-borne vibration, such as pile driving, would not be conducted by the project. At its closest point, project construction may occur within approximately 50 feet of the nearest residential structure (when accounting for setbacks). Table 11 summarizes potential vibration levels associated with equipment that may be used during project construction.

Table 11 Construction Equipment Vibration Levels

Equipment	PPV at 25 ft. (in/sec)	PPV at 50 ft. (in/sec)
Vibratory Roller	0.210	0.074
Hoe Ram	0.089	0.031
Large Bulldozer	0.089	0.031
Loaded Trucks	0.076	0.027
Jackhammer	0.035	0.012
Small Bulldozer	0.003	0.001

PPV = peak particle velocity

Source: FTA 2018

The greatest anticipated source of vibration during project construction activities would be from a roller, which would be used during paving activities. A vibratory roller would create approximately 0.210 inches per second PPV at a distance of 25 feet, or approximately 0.074 PPV at a distance of 50 feet (FTA 2018). This would be lower than what is considered a distinctly perceptible impact for humans of 0.25 inches per second PPV. Furthermore, temporary vibration impacts associated with construction activities are exempt from the City's vibration standards, pursuant to Section 15-2507

of the Fresno Municipal Code. Therefore, temporary impacts associated with construction-related groundborne vibration would be less than significant.

The project does not include any substantial vibration sources associated with operation. Therefore, operational vibration impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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 alignment is within the airport influence area of the Fresno Chandler Executive Airport, located approximately 0.5 mile to the north. According to the Fresno County Airport Land Use Compatibility Plan, outdoor recreation land uses, including trails, are conditionally compatible within the 65-69 CNEL range. No portion of the project alignment is located within the existing or future 60 or 65 CNEL noise contours. The project does not include construction of habitable structures that would expose residences or workers to excessive noise levels. Therefore, impacts related to exposure to excessive aviation-related noise would be less than significant.

LESS THAN SIGNIFICANT IMPACT

14 Population and Housing

	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 (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?	☐	☐	☐	■
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	■

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)?

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

The project proposes the construction of a trail and other components (curb and gutters, landscaping, lighting, fencing, etc.) which would not induce population growth. There are no permanent structures that would be displaced as part of the project. There would be no impact.

NO IMPACT

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15 Public Services

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a.	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the 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:				
	1 Fire protection?	☐	☐	■	☐
	2 Police protection?	☐	☐	☐	■
	3 Schools?	☐	☐	☐	■
	4 Parks?	☐	☐	☐	■
	5 Other public facilities?	☐	☐	☐	■

a.1. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered fire protection facilities, or the need for new or physically altered fire protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

The project would not introduce new uses at the project site that may demand increased fire protection services or facilities, or impede fire service. The structural and electrical components of the new trail and street lighting would be properly installed in compliance with all code and regulatory requirements, thereby reducing the potential for a fire at the project site. Construction along the proposed alignment would also be subject to County requirements relative to water availability and accessibility to firefighting equipment. Adherence to these requirements during construction would reduce the potential for fire hazards during construction.

Construction activity would slightly increase traffic at and adjacent to the proposed trail area during working hours because commuting construction workers, trucks, and other construction vehicles would be added to the normal traffic during the construction period. Slow moving construction-related traffic along the adjacent streets may reduce optimal traffic flows and could possibly delay emergency vehicles or contribute to a vehicle accident. However, construction would be temporary. Operation and maintenance activities would be minimal and would not interfere with fire

protection/evacuation activities. The project would not result in the need for new or physically altered fire protection facilities, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.2. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered police protection facilities, or the need for new or physically altered police protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

The construction activities associated with the project components would be temporary and would not affect police protection facilities or capabilities. Construction on-site would not normally require services from the Fresno Police Department, except in cases of trespassing, theft, and/or vandalism. Such activities at a construction site are unusual, and do not place undue demands on police protection services. Once completed, site conditions would remain similar to existing conditions in so far that no habitable structures would be constructed requiring police protection/services. Therefore, the proposed project would not require additional police protection or law enforcement services such that new or physically altered police facilities would need to be constructed. No impact would occur.

NO IMPACT

a.3. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered schools, or the need for new or physically altered schools, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

As discussed in Section 14, *Population and Housing*, the project does not include the construction of housing and would not generate population growth. Because implementation of the project would not introduce new students to the local school districts, the project would not require new or altered school facilities, and would not otherwise affect service ratios or performance objectives for schools. There would be no impact.

NO IMPACT

a.4. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered parks, or the need for new or physically altered parks, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

The project is a recreational facility, which is intended to bring accessible open space/recreational activity to the City and reduce demands on other parks/recreational facilities in the area. In addition, as discussed in Section 14, *Population and Housing*, the project would not induce population thereby increasing demand for existing parks/recreational facilities. There would be no impact.

NO IMPACT

a.5. Would the project result in substantial adverse physical impacts associated with the provision of other new or physically altered public facilities, or the need for other new or physically altered public facilities, the construction of which could cause significant environmental

impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

As discussed in Section 14, *Population and Housing*, the project does not include the construction of housing and would not generate population growth. Because implementation of the project would not introduce new residents to the area, the project would not require new or altered public facilities, such as libraries, and would not otherwise affect service ratios or performance objectives for public facilities. There would be no impact.

NO IMPACT

16 Recreation

	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?	☐	☐	☐	■
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?	☐	☐	☐	■

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?

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 is a recreational facility, which is intended to bring accessible open space/recreational activity to the City and reduce demands on other recreational facilities in the area. In addition, as discussed in Section 14, *Population and Housing*, the project would not induce population thereby increasing demand for existing recreational facilities. The environmental impacts associated with construction of the trail alignment, are analyzed in this Initial Study – Mitigated Negative Declaration in Sections 1-20. There would be no impact.

NO IMPACT

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17 Transportation

	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. 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 use (e.g., farm equipment)?	☐	☐	☐	■
d. Result in inadequate emergency access?	☐	☐	■	☐

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

OPERATION

During operation of the project, the project would not substantially add vehicle trips to the circulation network. Minimal numbers of vehicle trips may be generated from residents/visitors driving to the trail, but it is anticipated that the majority of people would be pedestrian and bicycle users from the immediate area. Worker vehicle trips and supply deliveries may occur during project operation when maintenance of the trail is needed or for landscaping purposes, however it is anticipated that these numbers would be minimal and not affect the local circulation network. All roadways and intersections are anticipated to return to pre-project levels of service post project completion. Due to the minimal number of vehicles added to local roadways during the operational period, the project would not conflict with congestion management programs, or result in a conflict with roadway or intersection capacity for vehicles, and impacts would be less than significant. Operational impacts pertaining to bicycle, pedestrian, and transit users are anticipated to be positive and beneficial, as the project would improve access and safety for these users.

CONSTRUCTION

Traffic impacts during project construction would be primarily associated with worker vehicles and truck deliveries. The increased number of vehicles on adjacent roadways would be minimal during the temporary construction period, and would cease to occur once construction is over.

During the construction of the project, it is expected that emergency vehicles would continue to utilize the surrounding street system (i.e., particularly California Avenue) even though some

portions of some roadways may be temporarily used for construction staging and/or material delivery. If required, drivers of emergency vehicles are also trained to utilize center turn lanes, or travel in opposing through lanes to pass through crowded intersections or streets. Nevertheless, impacts from potential temporary impediments to emergency and other vehicles as a result of project construction would be potentially significant.

Mitigation Measure

Mitigation Measure TRAN-1 is required to ensure that access and safety is maintained in the local roadway network by preparing and implementing a construction staging and traffic management plan.

TRAN-1 Construction Staging and Traffic Management Plan.

The Project applicant shall prepare a detailed *Construction Staging and Traffic Management Plan* (CSTMP), which would include any applicable street/lane/sidewalk closure information, a detour plan, haul route(s), and a staging plan. The plan shall be based on the nature and timing of the project's specific construction activities and shall consider other projects under construction in the immediate vicinity of the project site. The CSTMP also shall include features such as notification to adjacent project owners and occupants of upcoming construction activities, advance notification regarding any temporary transit stop relocations, and limitation of any potential roadway lane closure(s) to off-peak travel periods, to the extent feasible. Specifically, the CSTMP shall include, but not be limited to, the following measures:

- Advance notification of adjacent property owners and occupants of upcoming construction activities, including durations and daily hours of operation.
- Temporary traffic control during all construction activities adjacent to public rights-of-way to improve traffic flow on public roadways (e.g., flag men).
- Scheduling of construction activities to reduce the effect on traffic flow on surrounding arterial streets.
- Potential sequencing of construction activity for the project to reduce the amount of construction-related traffic on arterial streets.
- Containment of construction activity within the project site boundaries, per the Worksite Traffic Control Plan.
- Prohibition on construction-related vehicles/equipment parking on surrounding public streets.
- Coordination with public transit providers to address any potential conflicts with existing transit service.
- Safety precautions for pedestrians and bicyclists through such measures as alternate routing and protection barriers shall be implemented as appropriate.
- Schedule delivery of construction materials and hauling/transport of oversize loads to non-peak travel periods, to the extent possible. No hauling or transport shall be allowed during nighttime hours, Sundays, or federal holidays.
- Installation of appropriate traffic signs around the project site to ensure pedestrian, bicycle, and vehicle safety, as may be necessary.
- Installation of truck crossing signs within 300 feet of the exit of the project site in each direction.

- Securing of loads by trimming and watering or covering to prevent the spilling or blowing of the earth material.
- Cleaning of trucks and loads at the export site to prevent blowing dirt and spilling of loose earth.
- Identification of a construction manager and provision of a telephone number for any inquiries or complaints from residents regarding construction activities. The telephone number shall be posted at the site readily visible to any interested party during site preparation, grading, and construction.
- Obtain a Caltrans transportation permit for use of oversized transport vehicles on Caltrans facilities, if needed.

The CSTMP shall be submitted to the City of Fresno Public Works Department for review and approval prior to issuance of any construction related permits.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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

Section 15064.3 which was recently added to the State CEQA Guidelines, describes specific considerations for evaluating a project's transportation impacts. Section 15064.3(b) establishes vehicle miles traveled (VMT) as the most appropriate measure of transportation impacts, shifting away from the use of LOS analysis that evaluates a project's impacts on traffic conditions at nearby roadways and intersections. Section 15064.3(c) states that, while a lead agency may elect to be governed by the provisions of Section 15064.3 immediately, it is not required to do so until July 1, 2020.

While the City of Fresno has not yet established VMT-based criteria for measuring transportation impacts, the proposed project is an open space project with active transportation facilities that would provide recreational options for pedestrians and bicyclists within an existing urban area. The project would likely result in a beneficial impact by reducing VMT, as users in the area would access and utilize the trail by foot or bicycle, instead of utilizing a vehicle. There would be no impact.

NO IMPACT

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

The project would install new curbs, gutters, sidewalk, and crosswalks in certain areas of the trail alignment. These features are proposed to reduce hazards associated with pedestrian and bicyclist accessibility, as the installation of the curbs, sidewalks, and crosswalks are proposed in locations where they currently do not exist. Since the project does not propose features that would increase hazards due to design or incompatible uses, there would be no impact.

NO IMPACT

d. Would the project result in inadequate emergency access?

The project would not involve the construction of any new roadways or ingress/egress points that would have the potential to result in inadequate emergency access. As discussed in checklist item a, preparation of a construction management plan would be required in order to ensure that

construction vehicles and staging equipment do not interfere with the roadway network, affecting emergency responders. Once operational, no project components would interfere with emergency access. This impact would be less than significant.

LESS THAN SIGNIFICANT IMPACT

18 Tribal Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in a Public Resources Code Section 21074 as either a site, feature, place, or 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. 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	☐	☐	☐	☐
b. 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 Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☐

As of July 1, 2015, California Assembly Bill 52 of 2014 (AB 52) was enacted and expands CEQA by defining a new resource category, "tribal cultural resources." AB 52 establishes that "A project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment" (PRC Section 21084.2). It further states that the lead agency shall establish measures to avoid impacts that would alter the significant characteristics of a tribal cultural resource, when feasible (PRC Section 21084.3).

PRC Section 21074 (a)(1)(A) and (B) defines tribal cultural resources as "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe" and is:

1. 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
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 subdivision (c) of Public Resources Code Section 5024.1. In applying these criteria, the lead agency shall consider the significance of the resource to a California Native American tribe.

AB 52 also establishes a formal consultation process for California tribes regarding those resources. The consultation process must be completed before a CEQA document can be certified. Under AB 52, lead agencies are required to "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." Native American tribes to be included in the process are those that have requested notice of projects proposed within the jurisdiction of the lead agency.

a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is 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)?

b. Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is 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?

On October 14, 2019, Rincon Consultants, Inc. contacted the Native American Heritage Commission (NAHC) and requested a search of the Sacred Lands File (SLF). The NAHC responded on October 15, 2019 stating that the results of the SLF search were negative. Rincon Consultants, Inc. prepared and mailed letters to local Native American groups listed in the SLF results on October 17th, 2019. No letters have been received to date. In addition, Rincon Consultants, Inc., on behalf of the City of Fresno, prepared and mailed AB 52 consultation outreach letters to local affiliated Native American groups on November 4th, 2019. No responses have been received to date. The consultation letters and negative SLF search results are attached as Appendix F. The City has complied with the tribal consultation requirements of AB 52. Although the City has not received any responses requesting further consultation to date, the City will respond to any correspondence received from tribal contacts in response to these letters consistent with the requirements of AB 52. Therefore, implementation of the project would not adversely affect tribal cultural resources, and this impact would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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19 Utilities and Service Systems

	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?	☐	☐	☐	■
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?	☐	☐	☐	■

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?

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?

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?

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?

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

The following utility providers service the project area:

- Electrical Service – PG&E
- Natural Gas Service – PG&E
- Water/Sewer Service – City of Fresno
- Solid Waste – City of Fresno

The FMFCD is responsible for reviewing all land use proposals for drainage and flood control needs/impacts to ensure compliance with and implementation of the Storm Drainage and Flood Control Master Plan and identification of stormwater quality best management practices.

The project would not generate wastewater nor exceed treatment requirements of the Central Valley RWQCB. The project would not generate a need for City of Fresno sewer service as no public restroom facilities are proposed. The impact to storm drainage facilities would be less than significant given that the project does not involve development of a use or facility with a demand for water capacity. The project would generate a minimal amount of solid waste. The project is within the build-out plans of the Southwest Fresno Specific Plan which had anticipated the construction of the trail. Therefore, no impacts would occur.

NO IMPACT

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20 Wildfire

	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 downslopes or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	■

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?

b. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, 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. 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?

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 downslopes

or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

The project does not propose housing or other habitable structures. As discussed in checklist item g in Section 9, *Hazards and Hazardous Materials*, based on the California Department of Forestry and Fire Protection Fire Hazard Severity Zone Maps, the proposed trail alignment is not located in a Moderate, High, or Very High fire hazard severity zone (CALFire 2007). Further, as discussed in the Southwest Fresno Specific Plan Final EIR, there are no wildland areas in the Specific Plan area (City of Fresno 2017). There would be no impact related to exposure of people or structures to wildland fire hazards.

NO IMPACT

21 Mandatory Findings of Significance

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Does the project:				
a. 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?	☐	■	☐	☐
b. 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. Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	■	☐	☐

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?

As discussed in Section 4, *Biological Resources*, implementation of Mitigation Measures BIO-1 through BIO-5 would ensure preconstruction surveys are taken to screen for potentially occurring species located in the project area, and that no biological resources would be adversely impacted by construction of the project. As discussed in Section 5, *Cultural Resources*, required adherence to existing federal, state, and local regulations would reduce potential impacts regarding the unanticipated discovery of archaeological resources and human remains. Based on the analysis in this Initial Study, the proposed project would not have the potential to degrade the quality of the

environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or 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.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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)?

Cumulative impacts are defined as two or more individual (and potentially less than significant) project effects that, when considered together or in concert with other projects, combine to result in a significant impact within an identified geographic area. In order for a project to contribute to cumulative impacts, it must result in some level of impact on a project-specific level. There are no related projects in the immediate vicinity of the proposed trail alignment. As discussed in Section 3, *Air Quality*, and Section 8, *Greenhouse Gas Emissions*, although the project would emit criteria pollutants during construction, the projects emissions are under SJVAPCD thresholds, and as such, the projects contribution to cumulative air quality and greenhouse gas impacts will not be cumulatively considerable. As discussed in Section 13, *Noise*, construction activities would occur only during specific construction hours consistent with the requirements of the Fresno Municipal Code and, therefore the project's contribution to cumulative construction noise impacts is less than significant.

LESS THAN SIGNIFICANT IMPACT

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

A significant impact may occur if the project has the potential to result in significant impacts, as discussed in the preceding sections. In general, impacts to human beings are associated with such issues as air quality, hazards and hazardous materials, and noise impacts. As detailed in Section 3, *Air Quality*, the project would not generate air pollutant emissions from construction that exceed localized thresholds and would not generate adverse odors. As discussed in Section 9, *Hazards and Hazardous Materials*, Mitigation Measure HAZ-1 requires sampling for potential contamination, and if present, preparation of a Soil Sampling Plan to properly locate and remove contaminated soils. This would ensure no workers or future users of the trail are exposed to potentially hazardous soil conditions, if identified to be present. As discussed in Section 13, *Noise*, construction activity would result in temporary increases in noise. However, such noise would be temporary in nature, limited to the duration of construction activities, and would occur during specified construction hours consistent with those outlined in the Fresno Municipal Code. Impacts to human beings would be less than significant with project mitigation and regulatory compliance incorporated in other sections of this document.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

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Rincon Consultants, Inc. prepared this IS-MND under contract to the City of Fresno. Persons involved in data gathering analysis, project management, and quality control are listed below.

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Appendix A

Air Quality and Greenhouse Gas Calculations

Southwest Green Trail Project

Fresno County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	298.3	**CH4 Intensity (lb/MWhr)**	0.013	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Southwest Green Trail Project - Fresno County, Annual

Project Characteristics - Energy factor based on 2009 factor and 2030 RPS, per CPUC 2011

Land Use - 0.8 mi long (4224 ft) x 36 ft wide = 152,064 sq ft = 3.5 acre (includes landscaped area and trail features)

Construction Phase - Per client, no building construction or architectural coating phases

Off-road Equipment - Per client

Off-road Equipment - Per client

Off-road Equipment - Per client

Demolition - 0 per client

Grading - Balanced on site per client. Acres graded remains at default to account for multiple equipment passes.

Vehicle Trips - 0 trips as trail.

Area Mitigation -

Off-road Equipment - Remains at defaults

Energy Use -

Construction Off-road Equipment Mitigation - Water exposed area applied based on client specifications and compliance with SJVAPCD Rule 8021

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	5.00	21.00
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Surfacing Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	298.3
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	WD_TR	1.89	0.00

2.0 Emissions Summary

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					
2022	0.1051	1.0392	0.8582	1.6800e-003	0.1592	0.0489	0.2081	0.0754	0.0453	0.1207	0.0000	147.2380	147.2380	0.0426	0.0000	148.3030
Maximum	**0.1051**	**1.0392**	**0.8582**	**1.6800e-003**	**0.1592**	**0.0489**	**0.2081**	**0.0754**	**0.0453**	**0.1207**	**0.0000**	**147.2380**	**147.2380**	**0.0426**	**0.0000**	**148.3030**

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					
2022	0.1051	1.0392	0.8582	1.6800e-003	0.0751	0.0489	0.1241	0.0349	0.0453	0.0802	0.0000	147.2379	147.2379	0.0426	0.0000	148.3028
Maximum	**0.1051**	**1.0392**	**0.8582**	**1.6800e-003**	**0.0751**	**0.0489**	**0.1241**	**0.0349**	**0.0453**	**0.0802**	**0.0000**	**147.2379**	**147.2379**	**0.0426**	**0.0000**	**148.3028**

	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**	**52.81**	**0.00**	**40.39**	**53.77**	**0.00**	**33.58**	**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	3-1-2022	5-31-2022	0.9546	0.9546
2	6-1-2022	8-31-2022	0.1843	0.1843
		Highest	0.9546	0.9546

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	1.4400e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-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	0.0609	0.0000	0.0609	3.6000e-003	0.0000	0.1509
Water						0.0000	0.0000		0.0000	0.0000	0.0000	1.9749	1.9749	9.0000e-005	2.0000e-005	1.9830
Total	**1.4400e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0609**	**1.9750**	**2.0359**	**3.6900e-003**	**2.0000e-005**	**2.1339**

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	1.4400e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-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	0.0609	0.0000	0.0609	3.6000e-003	0.0000	0.1509
Water						0.0000	0.0000		0.0000	0.0000	0.0000	1.9749	1.9749	9.0000e-005	2.0000e-005	1.9830
Total	**1.4400e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0609**	**1.9750**	**2.0359**	**3.6900e-003**	**2.0000e-005**	**2.1339**

	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

Southwest Green Trail Project - Fresno County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	3/28/2022	5	20	
2	Site Preparation	Site Preparation	4/1/2022	4/29/2022	5	21	
3	Grading	Grading	5/1/2022	5/31/2022	5	22	
4	Paving	Paving	6/1/2022	7/1/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 44

Acres of Paving: 0

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

OffRoad Equipment

Southwest Green Trail Project - Fresno County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Other Construction Equipment	1	8.00	172	0.42
Grading	Scrapers	1	8.00	367	0.48
Grading	Crawler Tractors	1	8.00	212	0.43
Grading	Signal Boards	1	8.00	6	0.82
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Grading	Trenchers	1	8.00	78	0.50
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Rollers	1	8.00	80	0.38
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Other Construction Equipment	1	8.00	172	0.42
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Signal Boards	1	8.00	6	0.82
Paving	Surfacing Equipment	1	8.00	263	0.30
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

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	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	**0.0264**	**0.2572**	**0.2059**	**3.9000e-004**		**0.0124**	**0.0124**		**0.0116**	**0.0116**	**0.0000**	**33.9902**	**33.9902**	**9.5500e-003**	**0.0000**	**34.2289**

3.2 Demolition - 2022

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	5.6000e-004	3.3000e-004	3.4500e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9663	0.9663	2.0000e-005	0.0000	0.9669
Total	**5.6000e-004**	**3.3000e-004**	**3.4500e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.9663**	**0.9663**	**2.0000e-005**	**0.0000**	**0.9669**

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	0.0264	0.2572	0.2059	3.9000e-004		0.0124	0.0124		0.0116	0.0116	0.0000	33.9902	33.9902	9.5500e-003	0.0000	34.2289
Total	**0.0264**	**0.2572**	**0.2059**	**3.9000e-004**		**0.0124**	**0.0124**		**0.0116**	**0.0116**	**0.0000**	**33.9902**	**33.9902**	**9.5500e-003**	**0.0000**	**34.2289**

3.2 Demolition - 2022

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	5.6000e-004	3.3000e-004	3.4500e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.9663	0.9663	2.0000e-005	0.0000	0.9669
Total	**5.6000e-004**	**3.3000e-004**	**3.4500e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.9663**	**0.9663**	**2.0000e-005**	**0.0000**	**0.9669**

3.3 Site Preparation - 2022

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					0.0632	0.0000	0.0632	0.0348	0.0000	0.0348	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0126	0.1286	0.0953	1.8000e-004		6.2300e-003	6.2300e-003		5.7300e-003	5.7300e-003	0.0000	15.5102	15.5102	5.0200e-003	0.0000	15.6356
Total	**0.0126**	**0.1286**	**0.0953**	**1.8000e-004**	**0.0632**	**6.2300e-003**	**0.0695**	**0.0348**	**5.7300e-003**	**0.0405**	**0.0000**	**15.5102**	**15.5102**	**5.0200e-003**	**0.0000**	**15.6356**

3.3 Site Preparation - 2022

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	3.1000e-004	1.8000e-004	1.9300e-003	1.0000e-005	6.7000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5412	0.5412	1.0000e-005	0.0000	0.5415
Total	**3.1000e-004**	**1.8000e-004**	**1.9300e-003**	**1.0000e-005**	**6.7000e-004**	**0.0000**	**6.8000e-004**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.5412**	**0.5412**	**1.0000e-005**	**0.0000**	**0.5415**

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					0.0285	0.0000	0.0285	0.0156	0.0000	0.0156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0126	0.1286	0.0953	1.8000e-004		6.2300e-003	6.2300e-003		5.7300e-003	5.7300e-003	0.0000	15.5102	15.5102	5.0200e-003	0.0000	15.6356
Total	**0.0126**	**0.1286**	**0.0953**	**1.8000e-004**	**0.0285**	**6.2300e-003**	**0.0347**	**0.0156**	**5.7300e-003**	**0.0214**	**0.0000**	**15.5102**	**15.5102**	**5.0200e-003**	**0.0000**	**15.6356**

3.3 Site Preparation - 2022

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	3.1000e-004	1.8000e-004	1.9300e-003	1.0000e-005	6.7000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.5412	0.5412	1.0000e-005	0.0000	0.5415
Total	**3.1000e-004**	**1.8000e-004**	**1.9300e-003**	**1.0000e-005**	**6.7000e-004**	**0.0000**	**6.8000e-004**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.5412**	**0.5412**	**1.0000e-005**	**0.0000**	**0.5415**

3.4 Grading - 2022

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					0.0896	0.0000	0.0896	0.0389	0.0000	0.0389	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4797	0.3420	7.0000e-004		0.0218	0.0218		0.0201	0.0201	0.0000	60.9763	60.9763	0.0195	0.0000	61.4648
Total	**0.0451**	**0.4797**	**0.3420**	**7.0000e-004**	**0.0896**	**0.0218**	**0.1113**	**0.0389**	**0.0201**	**0.0590**	**0.0000**	**60.9763**	**60.9763**	**0.0195**	**0.0000**	**61.4648**

3.4 Grading - 2022

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	1.2200e-003	7.2000e-004	7.5900e-003	2.0000e-005	2.6400e-003	2.0000e-005	2.6500e-003	7.0000e-004	1.0000e-005	7.2000e-004	0.0000	2.1259	2.1259	5.0000e-005	0.0000	2.1272
Total	**1.2200e-003**	**7.2000e-004**	**7.5900e-003**	**2.0000e-005**	**2.6400e-003**	**2.0000e-005**	**2.6500e-003**	**7.0000e-004**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**2.1259**	**2.1259**	**5.0000e-005**	**0.0000**	**2.1272**

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					0.0403	0.0000	0.0403	0.0175	0.0000	0.0175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0451	0.4797	0.3420	7.0000e-004		0.0218	0.0218		0.0201	0.0201	0.0000	60.9763	60.9763	0.0195	0.0000	61.4647
Total	**0.0451**	**0.4797**	**0.3420**	**7.0000e-004**	**0.0403**	**0.0218**	**0.0621**	**0.0175**	**0.0201**	**0.0376**	**0.0000**	**60.9763**	**60.9763**	**0.0195**	**0.0000**	**61.4647**

3.4 Grading - 2022

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	1.2200e-003	7.2000e-004	7.5900e-003	2.0000e-005	2.6400e-003	2.0000e-005	2.6500e-003	7.0000e-004	1.0000e-005	7.2000e-004	0.0000	2.1259	2.1259	5.0000e-005	0.0000	2.1272
Total	**1.2200e-003**	**7.2000e-004**	**7.5900e-003**	**2.0000e-005**	**2.6400e-003**	**2.0000e-005**	**2.6500e-003**	**7.0000e-004**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**2.1259**	**2.1259**	**5.0000e-005**	**0.0000**	**2.1272**

3.5 Paving - 2022

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	0.0180	0.1720	0.1967	3.7000e-004		8.4700e-003	8.4700e-003		7.9600e-003	7.9600e-003	0.0000	31.6461	31.6461	8.3800e-003	0.0000	31.8557
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0180**	**0.1720**	**0.1967**	**3.7000e-004**		**8.4700e-003**	**8.4700e-003**		**7.9600e-003**	**7.9600e-003**	**0.0000**	**31.6461**	**31.6461**	**8.3800e-003**	**0.0000**	**31.8557**

3.5 Paving - 2022

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	8.5000e-004	5.0000e-004	5.2900e-003	2.0000e-005	1.8400e-003	1.0000e-005	1.8500e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.4817	1.4817	3.0000e-005	0.0000	1.4826
Total	**8.5000e-004**	**5.0000e-004**	**5.2900e-003**	**2.0000e-005**	**1.8400e-003**	**1.0000e-005**	**1.8500e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.4817**	**1.4817**	**3.0000e-005**	**0.0000**	**1.4826**

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	0.0180	0.1720	0.1967	3.7000e-004		8.4700e-003	8.4700e-003		7.9600e-003	7.9600e-003	0.0000	31.6461	31.6461	8.3800e-003	0.0000	31.8556
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0180**	**0.1720**	**0.1967**	**3.7000e-004**		**8.4700e-003**	**8.4700e-003**		**7.9600e-003**	**7.9600e-003**	**0.0000**	**31.6461**	**31.6461**	**8.3800e-003**	**0.0000**	**31.8556**

3.5 Paving - 2022

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	8.5000e-004	5.0000e-004	5.2900e-003	2.0000e-005	1.8400e-003	1.0000e-005	1.8500e-003	4.9000e-004	1.0000e-005	5.0000e-004	0.0000	1.4817	1.4817	3.0000e-005	0.0000	1.4826
Total	**8.5000e-004**	**5.0000e-004**	**5.2900e-003**	**2.0000e-005**	**1.8400e-003**	**1.0000e-005**	**1.8500e-003**	**4.9000e-004**	**1.0000e-005**	**5.0000e-004**	**0.0000**	**1.4817**	**1.4817**	**3.0000e-005**	**0.0000**	**1.4826**

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
City Park	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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.492212	0.031147	0.169820	0.116157	0.015815	0.004502	0.033398	0.126328	0.002363	0.001519	0.005062	0.001083	0.000594

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

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					
City Park	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**

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	tons/yr										MT/yr					
City Park	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**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	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

No Hearths Installed

	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	1.4400e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	1.4400e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4300e-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	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**1.4300e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4300e-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	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	7.0000e-005
Total	**1.4300e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1.9749	9.0000e-005	2.0000e-005	1.9830
Unmitigated	1.9749	9.0000e-005	2.0000e-005	1.9830

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.17018	1.9749	9.0000e-005	2.0000e-005	1.9830
Total		**1.9749**	**9.0000e-005**	**2.0000e-005**	**1.9830**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.17018	1.9749	9.0000e-005	2.0000e-005	1.9830
Total		**1.9749**	**9.0000e-005**	**2.0000e-005**	**1.9830**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0609	3.6000e-003	0.0000	0.1509
Unmitigated	0.0609	3.6000e-003	0.0000	0.1509

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.3	0.0609	3.6000e-003	0.0000	0.1509
Total		**0.0609**	**3.6000e-003**	**0.0000**	**0.1509**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.3	0.0609	3.6000e-003	0.0000	0.1509
Total		**0.0609**	**3.6000e-003**	**0.0000**	**0.1509**

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

Southwest Green Trail Project

Fresno County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	298.3	**CH4 Intensity (lb/MWhr)**	0.013	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Southwest Green Trail Project - Fresno County, Summer

Project Characteristics - Energy factor based on 2009 factor and 2030 RPS, per CPUC 2011

Land Use - 0.8 mi long (4224 ft) x 36 ft wide = 152,064 sq ft = 3.5 acre (includes landscaped area and trail features)

Construction Phase - Per client, no building construction or architectural coating phases

Off-road Equipment - Per client

Off-road Equipment - Per client

Off-road Equipment - Per client

Demolition - 0 per client

Grading - Balanced on site per client. Acres graded remains at default to account for multiple equipment passes.

Vehicle Trips - 0 trips as trail.

Area Mitigation -

Off-road Equipment - Remains at defaults

Energy Use -

Construction Off-road Equipment Mitigation - Water exposed area applied based on client specifications and compliance with SJVAPCD Rule 8021

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	5.00	21.00
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Surfacing Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	298.3
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	WD_TR	1.89	0.00

2.0 Emissions Summary

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					
2022	4.2233	43.6728	31.8954	0.0658	8.3895	1.9804	10.3699	3.6046	1.8239	5.4285	0.0000	6,344.0740	6,344.0740	1.9632	0.0000	6,393.1549
Maximum	**4.2233**	**43.6728**	**31.8954**	**0.0658**	**8.3895**	**1.9804**	**10.3699**	**3.6046**	**1.8239**	**5.4285**	**0.0000**	**6,344.0740**	**6,344.0740**	**1.9632**	**0.0000**	**6,393.1549**

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					
2022	4.2233	43.6728	31.8954	0.0658	3.9108	1.9804	5.8912	1.6580	1.8239	3.4819	0.0000	6,344.0740	6,344.0740	1.9632	0.0000	6,393.1549
Maximum	**4.2233**	**43.6728**	**31.8954**	**0.0658**	**3.9108**	**1.9804**	**5.8912**	**1.6580**	**1.8239**	**3.4819**	**0.0000**	**6,344.0740**	**6,344.0740**	**1.9632**	**0.0000**	**6,393.1549**

	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**	**53.38**	**0.00**	**43.19**	**54.00**	**0.00**	**35.86**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-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
Total	**7.8900e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-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
Total	**7.8900e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

	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	Demolition	Demolition	3/1/2022	3/28/2022	5	20	
2	Site Preparation	Site Preparation	4/1/2022	4/29/2022	5	21	
3	Grading	Grading	5/1/2022	5/31/2022	5	22	
4	Paving	Paving	6/1/2022	7/1/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 44

Acres of Paving: 0

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

OffRoad Equipment

Southwest Green Trail Project - Fresno County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Other Construction Equipment	1	8.00	172	0.42
Grading	Scrapers	1	8.00	367	0.48
Grading	Crawler Tractors	1	8.00	212	0.43
Grading	Signal Boards	1	8.00	6	0.82
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Grading	Trenchers	1	8.00	78	0.50
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Rollers	1	8.00	80	0.38
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Other Construction Equipment	1	8.00	172	0.42
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Signal Boards	1	8.00	6	0.82
Paving	Surfacing Equipment	1	8.00	263	0.30
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**		**1.2427**	**1.2427**		**1.1553**	**1.1553**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

3.2 Demolition - 2022

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
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
Worker	0.0631	0.0304	0.4007	1.1700e-003	0.1232	7.2000e-004	0.1240	0.0327	6.7000e-004	0.0334		116.8138	116.8138	2.7000e-003		116.8813
Total	**0.0631**	**0.0304**	**0.4007**	**1.1700e-003**	**0.1232**	**7.2000e-004**	**0.1240**	**0.0327**	**6.7000e-004**	**0.0334**		**116.8138**	**116.8138**	**2.7000e-003**		**116.8813**

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**		**1.2427**	**1.2427**		**1.1553**	**1.1553**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

3.2 Demolition - 2022

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
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
Worker	0.0631	0.0304	0.4007	1.1700e-003	0.1232	7.2000e-004	0.1240	0.0327	6.7000e-004	0.0334		116.8138	116.8138	2.7000e-003		116.8813
Total	**0.0631**	**0.0304**	**0.4007**	**1.1700e-003**	**0.1232**	**7.2000e-004**	**0.1240**	**0.0327**	**6.7000e-004**	**0.0334**		**116.8138**	**116.8138**	**2.7000e-003**		**116.8813**

3.3 Site Preparation - 2022

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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2042	12.2463	9.0751	0.0168		0.5934	0.5934		0.5459	0.5459		1,628.2896	1,628.2896	0.5266		1,641.4551
Total	**1.2042**	**12.2463**	**9.0751**	**0.0168**	**6.0221**	**0.5934**	**6.6155**	**3.3102**	**0.5459**	**3.8562**		**1,628.2896**	**1,628.2896**	**0.5266**		**1,641.4551**

3.3 Site Preparation - 2022

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
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
Worker	0.0336	0.0162	0.2137	6.3000e-004	0.0657	3.9000e-004	0.0661	0.0174	3.6000e-004	0.0178		62.3007	62.3007	1.4400e-003		62.3367
Total	**0.0336**	**0.0162**	**0.2137**	**6.3000e-004**	**0.0657**	**3.9000e-004**	**0.0661**	**0.0174**	**3.6000e-004**	**0.0178**		**62.3007**	**62.3007**	**1.4400e-003**		**62.3367**

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					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.2042	12.2463	9.0751	0.0168		0.5934	0.5934		0.5459	0.5459	0.0000	1,628.2896	1,628.2896	0.5266		1,641.4551
Total	**1.2042**	**12.2463**	**9.0751**	**0.0168**	**2.7099**	**0.5934**	**3.3033**	**1.4896**	**0.5459**	**2.0355**	**0.0000**	**1,628.2896**	**1,628.2896**	**0.5266**		**1,641.4551**

3.3 Site Preparation - 2022

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
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
Worker	0.0336	0.0162	0.2137	6.3000e-004	0.0657	3.9000e-004	0.0661	0.0174	3.6000e-004	0.0178		62.3007	62.3007	1.4400e-003		62.3367
Total	**0.0336**	**0.0162**	**0.2137**	**6.3000e-004**	**0.0657**	**3.9000e-004**	**0.0661**	**0.0174**	**3.6000e-004**	**0.0178**		**62.3007**	**62.3007**	**1.4400e-003**		**62.3367**

3.4 Grading - 2022

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					8.1431	0.0000	8.1431	3.5393	0.0000	3.5393			0.0000			0.0000
Off-Road	4.0971	43.6120	31.0941	0.0634		1.9790	1.9790		1.8225	1.8225		6,110.4464	6,110.4464	1.9578		6,159.3924
Total	**4.0971**	**43.6120**	**31.0941**	**0.0634**	**8.1431**	**1.9790**	**10.1220**	**3.5393**	**1.8225**	**5.3618**		**6,110.4464**	**6,110.4464**	**1.9578**		**6,159.3924**

3.4 Grading - 2022

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
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
Worker	0.1262	0.0608	0.8014	2.3400e-003	0.2464	1.4500e-003	0.2479	0.0654	1.3300e-003	0.0667		233.6276	233.6276	5.3900e-003		233.7625
Total	**0.1262**	**0.0608**	**0.8014**	**2.3400e-003**	**0.2464**	**1.4500e-003**	**0.2479**	**0.0654**	**1.3300e-003**	**0.0667**		**233.6276**	**233.6276**	**5.3900e-003**		**233.7625**

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					3.6644	0.0000	3.6644	1.5927	0.0000	1.5927			0.0000			0.0000
Off-Road	4.0971	43.6120	31.0941	0.0634		1.9790	1.9790		1.8225	1.8225	0.0000	6,110.4464	6,110.4464	1.9578		6,159.3924
Total	**4.0971**	**43.6120**	**31.0941**	**0.0634**	**3.6644**	**1.9790**	**5.6433**	**1.5927**	**1.8225**	**3.4152**	**0.0000**	**6,110.4464**	**6,110.4464**	**1.9578**		**6,159.3924**

3.4 Grading - 2022

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
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
Worker	0.1262	0.0608	0.8014	2.3400e-003	0.2464	1.4500e-003	0.2479	0.0654	1.3300e-003	0.0667		233.6276	233.6276	5.3900e-003		233.7625
Total	**0.1262**	**0.0608**	**0.8014**	**2.3400e-003**	**0.2464**	**1.4500e-003**	**0.2479**	**0.0654**	**1.3300e-003**	**0.0667**		**233.6276**	**233.6276**	**5.3900e-003**		**233.7625**

3.5 Paving - 2022

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	1.5666	14.9565	17.1015	0.0318		0.7369	0.7369		0.6918	0.6918		3,033.3816	3,033.3816	0.8033		3,053.4642
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5666**	**14.9565**	**17.1015**	**0.0318**		**0.7369**	**0.7369**		**0.6918**	**0.6918**		**3,033.3816**	**3,033.3816**	**0.8033**		**3,053.4642**

3.5 Paving - 2022

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
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
Worker	0.0841	0.0406	0.5342	1.5600e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		155.7518	155.7518	3.6000e-003		155.8417
Total	**0.0841**	**0.0406**	**0.5342**	**1.5600e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**155.7518**	**155.7518**	**3.6000e-003**		**155.8417**

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	1.5666	14.9565	17.1015	0.0318		0.7369	0.7369		0.6918	0.6918	0.0000	3,033.3816	3,033.3816	0.8033		3,053.4642
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5666**	**14.9565**	**17.1015**	**0.0318**		**0.7369**	**0.7369**		**0.6918**	**0.6918**	**0.0000**	**3,033.3816**	**3,033.3816**	**0.8033**		**3,053.4642**

3.5 Paving - 2022

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
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
Worker	0.0841	0.0406	0.5342	1.5600e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		155.7518	155.7518	3.6000e-003		155.8417
Total	**0.0841**	**0.0406**	**0.5342**	**1.5600e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**155.7518**	**155.7518**	**3.6000e-003**		**155.8417**

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
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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.492212	0.031147	0.169820	0.116157	0.015815	0.004502	0.033398	0.126328	0.002363	0.001519	0.005062	0.001083	0.000594

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					
City Park	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**

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					
City Park	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

No Hearths Installed

	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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Unmitigated	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**7.8800e-003**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**7.8800e-003**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

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

Southwest Green Trail Project

Fresno County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.50	Acre	3.50	152,460.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	298.3	**CH4 Intensity (lb/MWhr)**	0.013	**N2O Intensity (lb/MWhr)**	0.003

1.3 User Entered Comments & Non-Default Data

Southwest Green Trail Project - Fresno County, Winter

Project Characteristics - Energy factor based on 2009 factor and 2030 RPS, per CPUC 2011

Land Use - 0.8 mi long (4224 ft) x 36 ft wide = 152,064 sq ft = 3.5 acre (includes landscaped area and trail features)

Construction Phase - Per client, no building construction or architectural coating phases

Off-road Equipment - Per client

Off-road Equipment - Per client

Off-road Equipment - Per client

Demolition - 0 per client

Grading - Balanced on site per client. Acres graded remains at default to account for multiple equipment passes.

Vehicle Trips - 0 trips as trail.

Area Mitigation -

Off-road Equipment - Remains at defaults

Energy Use -

Construction Off-road Equipment Mitigation - Water exposed area applied based on client specifications and compliance with SJVAPCD Rule 8021

Trips and VMT -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	8.00	22.00
tblConstructionPhase	NumDays	18.00	23.00
tblConstructionPhase	NumDays	5.00	21.00
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Crawler Tractors
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Scrapers
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentType		Other Construction Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Signal Boards
tblOffRoadEquipment	OffRoadEquipmentType		Surfacing Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.013
tblProjectCharacteristics	CO2IntensityFactor	641.35	298.3
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.003
tblVehicleTrips	ST_TR	22.75	0.00
tblVehicleTrips	SU_TR	16.74	0.00
tblVehicleTrips	WD_TR	1.89	0.00

2.0 Emissions Summary

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					
2022	4.2145	43.6834	31.7709	0.0655	8.3895	1.9804	10.3699	3.6046	1.8239	5.4285	0.0000	6,315.2185	6,315.2185	1.9626	0.0000	6,364.2829
Maximum	**4.2145**	**43.6834**	**31.7709**	**0.0655**	**8.3895**	**1.9804**	**10.3699**	**3.6046**	**1.8239**	**5.4285**	**0.0000**	**6,315.2185**	**6,315.2185**	**1.9626**	**0.0000**	**6,364.2829**

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					
2022	4.2145	43.6834	31.7709	0.0655	3.9108	1.9804	5.8912	1.6580	1.8239	3.4819	0.0000	6,315.2185	6,315.2185	1.9626	0.0000	6,364.2829
Maximum	**4.2145**	**43.6834**	**31.7709**	**0.0655**	**3.9108**	**1.9804**	**5.8912**	**1.6580**	**1.8239**	**3.4819**	**0.0000**	**6,315.2185**	**6,315.2185**	**1.9626**	**0.0000**	**6,364.2829**

	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**	**53.38**	**0.00**	**43.19**	**54.00**	**0.00**	**35.86**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-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
Total	**7.8900e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-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
Total	**7.8900e-003**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**8.2000e-004**

	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	Demolition	Demolition	3/1/2022	3/28/2022	5	20	
2	Site Preparation	Site Preparation	4/1/2022	4/29/2022	5	21	
3	Grading	Grading	5/1/2022	5/31/2022	5	22	
4	Paving	Paving	6/1/2022	7/1/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 44

Acres of Paving: 0

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

OffRoad Equipment

Southwest Green Trail Project - Fresno County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Plate Compactors	1	8.00	8	0.43
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Other Construction Equipment	1	8.00	172	0.42
Grading	Scrapers	1	8.00	367	0.48
Grading	Crawler Tractors	1	8.00	212	0.43
Grading	Signal Boards	1	8.00	6	0.82
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Grading	Trenchers	1	8.00	78	0.50
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Rollers	1	8.00	80	0.38
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Other Construction Equipment	1	8.00	172	0.42
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Paving	Signal Boards	1	8.00	6	0.82
Paving	Surfacing Equipment	1	8.00	263	0.30
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	30.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**		**1.2427**	**1.2427**		**1.1553**	**1.1553**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

3.2 Demolition - 2022

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
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
Worker	0.0587	0.0357	0.3384	1.0300e-003	0.1232	7.2000e-004	0.1240	0.0327	6.7000e-004	0.0334		102.3860	102.3860	2.3700e-003		102.4452
Total	**0.0587**	**0.0357**	**0.3384**	**1.0300e-003**	**0.1232**	**7.2000e-004**	**0.1240**	**0.0327**	**6.7000e-004**	**0.0334**		**102.3860**	**102.3860**	**2.3700e-003**		**102.4452**

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	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**		**1.2427**	**1.2427**		**1.1553**	**1.1553**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

3.2 Demolition - 2022

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
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
Worker	0.0587	0.0357	0.3384	1.0300e-003	0.1232	7.2000e-004	0.1240	0.0327	6.7000e-004	0.0334		102.3860	102.3860	2.3700e-003		102.4452
Total	**0.0587**	**0.0357**	**0.3384**	**1.0300e-003**	**0.1232**	**7.2000e-004**	**0.1240**	**0.0327**	**6.7000e-004**	**0.0334**		**102.3860**	**102.3860**	**2.3700e-003**		**102.4452**

3.3 Site Preparation - 2022

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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2042	12.2463	9.0751	0.0168		0.5934	0.5934		0.5459	0.5459		1,628.2896	1,628.2896	0.5266		1,641.4551
Total	**1.2042**	**12.2463**	**9.0751**	**0.0168**	**6.0221**	**0.5934**	**6.6155**	**3.3102**	**0.5459**	**3.8562**		**1,628.2896**	**1,628.2896**	**0.5266**		**1,641.4551**

3.3 Site Preparation - 2022

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
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
Worker	0.0313	0.0191	0.1805	5.5000e-004	0.0657	3.9000e-004	0.0661	0.0174	3.6000e-004	0.0178		54.6059	54.6059	1.2600e-003		54.6375
Total	**0.0313**	**0.0191**	**0.1805**	**5.5000e-004**	**0.0657**	**3.9000e-004**	**0.0661**	**0.0174**	**3.6000e-004**	**0.0178**		**54.6059**	**54.6059**	**1.2600e-003**		**54.6375**

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					2.7099	0.0000	2.7099	1.4896	0.0000	1.4896			0.0000			0.0000
Off-Road	1.2042	12.2463	9.0751	0.0168		0.5934	0.5934		0.5459	0.5459	0.0000	1,628.2896	1,628.2896	0.5266		1,641.4551
Total	**1.2042**	**12.2463**	**9.0751**	**0.0168**	**2.7099**	**0.5934**	**3.3033**	**1.4896**	**0.5459**	**2.0355**	**0.0000**	**1,628.2896**	**1,628.2896**	**0.5266**		**1,641.4551**

3.3 Site Preparation - 2022

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
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
Worker	0.0313	0.0191	0.1805	5.5000e-004	0.0657	3.9000e-004	0.0661	0.0174	3.6000e-004	0.0178		54.6059	54.6059	1.2600e-003		54.6375
Total	**0.0313**	**0.0191**	**0.1805**	**5.5000e-004**	**0.0657**	**3.9000e-004**	**0.0661**	**0.0174**	**3.6000e-004**	**0.0178**		**54.6059**	**54.6059**	**1.2600e-003**		**54.6375**

3.4 Grading - 2022

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					8.1431	0.0000	8.1431	3.5393	0.0000	3.5393			0.0000			0.0000
Off-Road	4.0971	43.6120	31.0941	0.0634		1.9790	1.9790		1.8225	1.8225		6,110.4464	6,110.4464	1.9578		6,159.3924
Total	**4.0971**	**43.6120**	**31.0941**	**0.0634**	**8.1431**	**1.9790**	**10.1220**	**3.5393**	**1.8225**	**5.3618**		**6,110.4464**	**6,110.4464**	**1.9578**		**6,159.3924**

3.4 Grading - 2022

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
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
Worker	0.1174	0.0714	0.6769	2.0500e-003	0.2464	1.4500e-003	0.2479	0.0654	1.3300e-003	0.0667		204.7721	204.7721	4.7400e-003		204.8905
Total	**0.1174**	**0.0714**	**0.6769**	**2.0500e-003**	**0.2464**	**1.4500e-003**	**0.2479**	**0.0654**	**1.3300e-003**	**0.0667**		**204.7721**	**204.7721**	**4.7400e-003**		**204.8905**

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					3.6644	0.0000	3.6644	1.5927	0.0000	1.5927			0.0000			0.0000
Off-Road	4.0971	43.6120	31.0941	0.0634		1.9790	1.9790		1.8225	1.8225	0.0000	6,110.4464	6,110.4464	1.9578		6,159.3924
Total	**4.0971**	**43.6120**	**31.0941**	**0.0634**	**3.6644**	**1.9790**	**5.6433**	**1.5927**	**1.8225**	**3.4152**	**0.0000**	**6,110.4464**	**6,110.4464**	**1.9578**		**6,159.3924**

3.4 Grading - 2022

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
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
Worker	0.1174	0.0714	0.6769	2.0500e-003	0.2464	1.4500e-003	0.2479	0.0654	1.3300e-003	0.0667		204.7721	204.7721	4.7400e-003		204.8905
Total	**0.1174**	**0.0714**	**0.6769**	**2.0500e-003**	**0.2464**	**1.4500e-003**	**0.2479**	**0.0654**	**1.3300e-003**	**0.0667**		**204.7721**	**204.7721**	**4.7400e-003**		**204.8905**

3.5 Paving - 2022

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	1.5666	14.9565	17.1015	0.0318		0.7369	0.7369		0.6918	0.6918		3,033.3816	3,033.3816	0.8033		3,053.4642
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5666**	**14.9565**	**17.1015**	**0.0318**		**0.7369**	**0.7369**		**0.6918**	**0.6918**		**3,033.3816**	**3,033.3816**	**0.8033**		**3,053.4642**

3.5 Paving - 2022

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
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
Worker	0.0783	0.0476	0.4512	1.3700e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		136.5147	136.5147	3.1600e-003		136.5936
Total	**0.0783**	**0.0476**	**0.4512**	**1.3700e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**136.5147**	**136.5147**	**3.1600e-003**		**136.5936**

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	1.5666	14.9565	17.1015	0.0318		0.7369	0.7369		0.6918	0.6918	0.0000	3,033.3816	3,033.3816	0.8033		3,053.4642
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5666**	**14.9565**	**17.1015**	**0.0318**		**0.7369**	**0.7369**		**0.6918**	**0.6918**	**0.0000**	**3,033.3816**	**3,033.3816**	**0.8033**		**3,053.4642**

3.5 Paving - 2022

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
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
Worker	0.0783	0.0476	0.4512	1.3700e-003	0.1643	9.7000e-004	0.1653	0.0436	8.9000e-004	0.0445		136.5147	136.5147	3.1600e-003		136.5936
Total	**0.0783**	**0.0476**	**0.4512**	**1.3700e-003**	**0.1643**	**9.7000e-004**	**0.1653**	**0.0436**	**8.9000e-004**	**0.0445**		**136.5147**	**136.5147**	**3.1600e-003**		**136.5936**

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
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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.492212	0.031147	0.169820	0.116157	0.015815	0.004502	0.033398	0.126328	0.002363	0.001519	0.005062	0.001083	0.000594

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					
City Park	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**

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					
City Park	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

No Hearths Installed

	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	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Unmitigated	7.8900e-003	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**7.8800e-003**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.8500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.7000e-004	7.7000e-004	0.0000		8.2000e-004
Total	**7.8800e-003**	**0.0000**	**3.6000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**7.7000e-004**	**7.7000e-004**	**0.0000**		**8.2000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

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

Streetlighting Energy Calculations

Because CalEEMod does not provide an appropriate proxy for streetlights, GHG emissions from energy usage by streetlights were calculated separately using CalEEMod energy emissions factors for PG&E. Conversions of CH4 and NO2 to CO2e were made using conversion factors provided by the U.S. EPA's Greenhouse Gas Equivalencies Calculator.

# of Streetlights	Kilowatts per Streetlight	Average # of Hours per Day	Days per Year	Yearly Hours	**Total**	
22	0.034	12.5	365	4562.5	**3,412.8**	**kWh/year**
					3.41	**MWh/year**

	Emissions Factors (lbs/MWh)	Emissions (lbs)	Emissions (MT)	MT CO2e	
CO2	422.02	1440.248755	0.653285846	0.653285846	
CH4	0.019	0.06484225	2.94119E-05	0.0007	
N2O	0.004	0.013651	6.19199E-06	0.0018	
			Total	**0.66**	**MT CO2e**

- Watts per streetlight based on client-provided equipment specifications.

- Average hours of operation per day is based on an average of the number of nighttime hours on the winter solstice (conservatively assumed 15 hours) and the number of nighttime hours on the summer solstice (conservatively assumed 10 hours).

- Emissions factors based on CalEEMod intensity factors for Pacific Gas & Electric Company, adjusted to account for anticipated 2022 RPS procurement of 43.38%, based on 2017 PG&E procurement of 33% and mandated 2030 procurement of 60%.

- Greenhouse gas conversions performed using factors provided by the U.S. EPA's Greenhouse Gas Equivalencies Calculator. Available at: https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator

Appendix B

Biological Resources Documentation

19-08117: Southwest Green Trail CIP Project IS/MND

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
Plants and Lichens				
Atriplex minuscula lesser saltscale	None/None G2 / S2 1B.1	Chenopod scrub, playas, valley and foothill grassland. In alkali sink and grassland in sandy, alkaline soils. 0-225 m. annual herb. Blooms May-Oct	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Castilleja campestris var. *succulenta* succulent owl's-clover	Threatened/Endangered G4?T2T3 / S2S3 1B.2	Vernal pools. Moist places, often in acidic soils. 20-705 m. annual herb (hemiparasitic). Blooms (Mar)Apr-May	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species. No vernal pools are present.
Caulanthus californicus California jewelflower	Endangered/Endangered G1 / S1 1B.1	Chenopod scrub, valley and foothill grassland, pinyon and juniper woodland. Sandy soils. 65-1860 m. annual herb. Blooms Feb-May	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Eriastrum hooveri Hoover's eriastrum	Delisted/None G3 / S3 4.2	Chenopod scrub, valley and foothill grassland, pinyon and juniper woodland. On sparsely vegetated alkaline alluvial fans; also in the Temblor Range on sandy soils. 50-915 m. annual herb. Blooms Mar-Jul	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Eriogonum nortonii Pinnacles buckwheat	None/None G2 / S2 1B.3	Chaparral, valley and foothill grassland. Sandy soils; often on recent burns; western Santa Lucias. 90-975 m. annual herb. Blooms (Apr)May-Aug(Sep)	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Imperata brevifolia California satintail	None/None G4 / S3 2B.1	Coastal scrub, chaparral, riparian scrub, Mojavean desert scrub, meadows and seeps (alkali), riparian scrub. Mesic sites, alkali seeps, riparian areas. 3-1495 m. perennial rhizomatous herb. Blooms Sep-May	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Leptosiphon serrulatus Madera leptosiphon	None/None G3 / S3 1B.2	Cismontane woodland, lower montane coniferous forest. Dry slopes; often on decomposed granite in woodland. 300-1300 m. annual herb. Blooms Apr-May	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Mielichhoferia shevockii Shevock's copper moss	None/None G2 / S2 1B.2	Cismontane woodland. Moss on metamorphic rocks containing heavy metals; mesic sites. On rocks along roads, in same habitat as Mielichhoferia elongata. 750-1400 m. moss.	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Orcuttia inaequalis San Joaquin Valley Orcutt grass	Threatened/Endangered G1 / S1 1B.1	Vernal pools. 10-755 m. annual herb. Blooms Apr-Sep	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species. No vernal pools are present on site.
Orcuttia pilosa hairy Orcutt grass	Endangered/Endangered G1 / S1 1B.1	Vernal pools. 25-125 m. annual herb. Blooms May-Sep	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species. No vernal pools are present on site.
Sagittaria sanfordii Sanford's arrowhead	None/None G3 / S3 1B.2	Marshes and swamps. In standing or slow-moving freshwater ponds, marshes, and ditches. 0-605 m. perennial rhizomatous herb (emergent). Blooms May-Oct(Nov)	None	Habitat is disturbed ruderal and non-native annual grassland. A canal with flowing water was observed adjacent to the alignment; this species was not observed during the site visit.
Tropidocarpum capparideum caper-fruited tropidocarpum	None/None G1 / S1 1B.1	Valley and foothill grassland. Alkaline clay. 0-360 m. annual herb. Blooms Mar-Apr	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species.
Tuctoria greenei Greene's tuctoria	Endangered/Rare G1 / S1 1B.1	Vernal pools. Vernal pools in open grasslands. 25-1325 m. annual herb. Blooms May-Jul(Sep)	None	Habitat is disturbed ruderal and non-native annual grassland; unsuitable for this species. No vernal pools are present on site.
Invertebrates				
Bombus crotchii Crotch bumble bee	None/Candidate Endangered G3G4 / S1S2	Coastal California east to the Sierra-Cascade crest and south into Mexico. Food plant genera include Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum.	None	Habitat is disturbed ruderal and non-native annual grassland and no flood plant genera were observed on site during the site visit.
Branchinecta lynchi vernal pool fairy shrimp	Threatened/None G3 / S3	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools. Inhabit small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools.	None	No suitable pools for this species were observed on site.
Desmocerus californicus dimorphus valley elderberry longhorn beetle	Threatened/None G3T2 / S2	Occurs only in the Central Valley of California, in association with blue elderberry (Sambucus mexicana). Prefers to lay eggs in elderberries 2-8 inches in diameter; some preference shown for "stressed" elderberries.	None	No blue elderberry shrubs were observed on site.
Efferia antiochi Antioch efferian robberfly	None/None G1G2 / S1S2	Known only from Contra Costa and Fresno counties.	None	No suitable habitat on site.
Linderiella occidentalis California linderiella	None/None G2G3 / S2S3	Seasonal pools in unplowed grasslands with old alluvial soils underlain by hardpan or in sandstone depressions. Water in the pools has very low alkalinity, conductivity, and total dissolved solids.	None	No seasonal pools suitable for this species were observed on site.
Lytta molesta molestan blister beetle	None/None G2 / S2	Inhabits the Central Valley of California, from Contra Costa to Kern and Tulare counties.	None	No suitable habitat on site.
Metapogon hurdi Hurd's metapogon robberfly	None/None G1G2 / S1S2	Known only from Antioch (Dunes?) and Fresno.	None	No suitable habitat on site.
Fish				
Hypomesus transpacificus Delta smelt	Threatened/Endangered G1 / S1	Sacramento-San Joaquin Delta. Seasonally in Suisun Bay, Carquinez Strait & San Pablo Bay. Seldom found at salinities > 10 ppt. Most often at salinities < 2ppt.	None	No suitable aquatic habitat is on site.
Amphibians				
Ambystoma californiense California tiger salamander	Threatened/Threatened G2G3 / S2S3 WL	Central Valley DPS federally listed as threatened. Santa Barbara and Sonoma counties DPS federally listed as endangered. Need underground refuges, especially ground squirrel burrows, and vernal pools or other seasonal water sources for breeding.	None	No suitable aquatic breeding habitat was observed on site or recorded within two miles of the site.

Rana draytonii California red-legged frog	Threatened/None G2G3 / S2S3 SSC	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development. Must have access to estivation habitat.	None	No suitable aquatic habitat was observed.
Spea hammondii western spadefoot	None/None G3 / S3 SSC	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands. Vernal pools are essential for breeding and egg-laying.	None	No suitable aquatic breeding habitat was observed.
Reptiles				
Anniella pulchra northern California legless lizard	None/None G3 / S3 SSC	Sandy or loose loamy soils under sparse vegetation. Soil moisture is essential. They prefer soils with a high moisture content.	None	No suitable habitat was observed on site; soil appeared dry in areas with sparse vegetation.
Arizona elegans occidentalis California glossy snake	None/None G5T2 / S2 SSC	Patchily distributed from the eastern portion of San Francisco Bay, southern San Joaquin Valley, and the Coast, Transverse, and Peninsular ranges, south to Baja California. Generalist reported from a range of scrub and grassland habitats, often with loose or sandy soils.	None	Outside of the known range of this species; habitat on site is disturbed and unsuitable for this species.
Emys marmorata western pond turtle	None/None G3G4 / S3 SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation. Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	Low	A ponding basin and canal were observed adjacent to the site and provide marginally suitable habitat for this species.
Gambelia sila blunt-nosed leopard lizard	Endangered/Endangered G1 / S1 FP	Resident of sparsely vegetated alkali and desert scrub habitats, in areas of low topographic relief. Seeks cover in mammal burrows, under shrubs or structures such as fence posts; they do not excavate their own burrows.	None	No suitable scrub habitat was observed on site.
Phrynosoma blainvillii coast horned lizard	None/None G3G4 / S3S4 SSC	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes. Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	None	Habitat on site is disturbed and unsuitable for this species.
Thamnophis gigas giant gartersnake	Threatened/Threatened G2 / S2	Prefers freshwater marsh and low gradient streams. Has adapted to drainage canals and irrigation ditches. This is the most aquatic of the gartersnakes in California.	None	An irrigation ditch is located adjacent to the site, but the site is outside of the current known range of this species and no CNDDB occurences are recorded within ten miles of the site.
Birds				
Agelaius tricolor tricolored blackbird	None/Threatened G2G3 / S1S2 SSC	Highly colonial species, most numerous in Central Valley & vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	None	No suitable nesting substrate was observed on site.
Athene cunicularia burrowing owl	None/None G4 / S3 SSC	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	Moderate	Suitable burrows for this species were observed adjacent to the site but no sign of burrowing owl was found at the openings. Four CNDDB occurrences are recorded within ten miles of the site. Burrowing owl have been known to utilize disturbed areas.
Buteo swainsoni Swainson's hawk	None/Threatened G5 / S3	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, & agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	Low	Suitable foraging habitat is present and a prey base (California ground squirrel and pocket gopher) were observed on site. Marginally suitable nesting habitat was observed within five miles of the site. Three CNDDB occurrences are recorded within ten miles of the site.
Coccyzus americanus occidentalis western yellow-billed cuckoo	Threatened/Endangered G5T2T3 / S1	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems. Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	None	No suitable riparian habitat was observed on site.
Phalacrocorax auritus double-crested cormorant	None/None G5 / S4 WL	Colonial nester on coastal cliffs, offshore islands, and along lake margins in the interior of the state. Nests along coast on sequestered islets, usually on ground with sloping surface, or in tall trees along lake margins.	None	No suitable nesting habitat was observed.
Vireo bellii pusillus least Bell's vireo	Endangered/Endangered G5T2 / S2	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2000 ft. Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis, mesquite.	None	This species does not occur in the region during the nesting season.
Mammals				
Antrozous pallidus pallid bat	None/None G5 / S3 SSC	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	None	No suitable habitat for roosting was observed.
Dipodomys nitratoides exilis Fresno kangaroo rat	Endangered/Endangered G3TH / SH	Alkali sink-open grassland habitats in western Fresno County. Bare alkaline clay-based soils subject to seasonal inundation, with more friable soil mounds around shrubs and grasses.	None	Habitat on site is disturbed and unsuitable for this species.
Eumops perotis californicus western mastiff bat	None/None G5T4 / S3S4 SSC	Many open, semi-arid to arid habitats, including conifer & deciduous woodlands, coastal scrub, grasslands, chaparral, etc. Roosts in crevices in cliff faces, high buildings, trees and tunnels.	Low	Trees with open crevices were observed adjacent to the site.
Lasiurus cinereus hoary bat	None/None G5 / S4	Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding. Roosts in dense foliage of medium to large trees. Feeds primarily on moths. Requires water.	Low	Trees with dense foliage were observed adjacent to the site.
Perognathus inornatus San Joaquin Pocket Mouse	None/None G2G3 / S2S3	Grassland, oak savanna and arid scrubland in the southern Sacramento Valley, Salinas Valley, San Joaquin Valley and adjacent foothills, south to the Mojave Desert. Associated with fine-textured, sandy, friable soils.	Low	No burrows indicative of this species were observed on site. Habitat on site is marginally suitable for this species.
Taxidea taxus American badger	None/None G5 / S3 SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	None	Site disturbance history and proximity to developed areas precludes this species.
Vulpes macrotis mutica San Joaquin kit fox	Endangered/Threatened G4T2 / S2	Annual grasslands or grassy open stages with scattered shrubby vegetation. Need loose-textured sandy soils for burrowing, and suitable prey base.	Low	Coyote dens suitable for use by this species were observed adjacent to the site. No sign of this species was observed during the site visit. One CNDDB occurrence is recorded within ten miles of the site.
Sensitive Natural Communities				
Northern Claypan Vernal Pool Northern Claypan Vernal Pool	None/None GNR / SNR		None	This natural community was not observed during the site visit.

Appendix C

Cultural Resources Technical Memo

Rincon Consultants, Inc.

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November 1, 2019
Project No: 19-08117

Han Ngo, P.E., Project Manager
City of Fresno, Department of Public Works
2600 Fresno Street, Fourth Floor, Room 4016
Fresno, CA 93721

Subject: **Cultural Resource Assessment for Southwest Green Trail Project, City of Fresno, Fresno County, California**

Dear Mr. Ngo:

Rincon Consultants, Inc. (Rincon) was retained by the City of Fresno to perform a Phase I cultural resources assessment for the Southwest Green Trail Project (project) located between South Thorne and South West Avenues in the City of Fresno, Fresno County, California. The purpose of this letter report is to document the results of the tasks performed by Rincon, specifically: a cultural resources records search, Native American outreach, and pedestrian field survey. This project is subject to the California Environmental Quality Act (CEQA). The City of Fresno (City) is the lead agency under CEQA.

Project Alignment

The project alignment consists of an approximately 0.8-mile long Class I trail paralleling the Fanning Ditch alignment between South Thorne and South West Avenues in the Edison neighborhood of the City of Fresno, Fresno County, California. The property lies within the Fresno South Quadrangle, Township 14 South, Range 20 East Sections 7-9, 16-18 (Figure 1, Attachment A).

Cultural Resources Records Search

Rincon archaeologist Dustin Merrick conducted a search of the California Historical Resources Information System (CHRIS) at the Southern San Joaquin Valley Information Center (SSJVIC) located at the California State University, Bakersfield on October 9, 2019. The search was performed to identify all previously recorded cultural resources, as well as previously conducted cultural resources studies within the project alignment and a 0.5-mile radius surrounding it. The CHRIS search included a review of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the Office of Historic Preservation Historic Properties Directory, the California Inventory of Historic Resources, and the Archaeological Determinations of Eligibility list.

The SSJVIC records search identified no previously recorded cultural resources within the project alignment. However, one previously recorded cultural resource (P-10-006527) is located within the 0.5-mile search radius. This resource is a historic three building church complex known as the Templo Bethel Property. The property was evaluated in 2015 (Brady and Vallejo 2015) and recommended not eligible for listing in the NRHP or CRHR. Additionally, 13 previously conducted cultural resources studies have been performed within a 0.5-mile radius of the project alignment (Attachment B). Eight of the studies (FR-00357, FR-00641, FR-01156, FR-01162, FR-02140, FR-02175, and FR-02701) include portions of the project alignment.

Sacred Lands File Search

On October 14, 2019, Rincon contacted the Native American Heritage Commission (NAHC) and requested a search of the Sacred Lands File (SLF). The NAHC responded on October 15, 2019 stating that the results of the SLF search were negative. Rincon prepared and mailed letters to local Native American groups listed in the SLF results on October 17, 2019. As of October 28, 2019, Rincon has received no responses from the mailed contacts.

AB 52 Consultation

The City of Fresno, as lead agency, is conducting consultation with locally affiliated Native American originations under AB 52. Of this reporting, the consultation effort is pending.

Pedestrian Field Survey

Rincon Archaeologist Robert Ramirez, M.A., Registered Professional Archaeologist (RPA) conducted a pedestrian field survey of the project alignment on October 22, 2019. Mr. Ramirez inspected areas of exposed ground for prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock), ecofacts (faunal bone, marine shell), soil discolorations that might indicate the presence of a cultural midden, soil depressions indicative of a dwelling location, and evidence of the former presence of historic structures or buildings (e.g., standing exterior walls, postholes, foundations) or historic debris (e.g., metal, glass, ceramics).

The project alignment runs through primarily undeveloped parcels intersected by paved roads (Figure 2). Vegetation within the project alignment consisted of non-native grasses, shrubs, and trees (Figure 3 and 4). Ground visibility throughout the majority of the alignment was very poor (10 percent) with the only eastern end of the alignment improving to 90 percent. Soils consisted primarily of light brown sandy-slit.

Findings and Recommendations

The background research and pedestrian survey of the project alignment did not identify any previously recorded or newly identified cultural resources within the project alignment. However, an irrigation canal was noted adjacent to the project alignment between S. Thorne Ave and S. Fruit Ave (Figure 5). A

review of historic maps and aerial photographs indicate the canal dates to at least 1923 and should be considered a historic-era resource. It appears the canal was originally completely exposed and then portions covered over time. Since the canal is adjacent to the project alignment no further work is recommended for this resource. However, should the current project boundaries change to include the canal; the canal would need to be recorded and evaluated for CRHR eligibility. Given the results of the background research and pedestrian survey, no further cultural resources work is recommended. However, Rincon recommends the following measures be followed during the project.

Unanticipated Discovery of Archaeological Resources

If archaeological resources are encountered during ground-disturbing activities, work in the immediate area should be halted and an archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for archaeology (National Park Service 1983) should be contacted immediately to evaluate the find. If necessary, the evaluation may require preparation of a treatment plan and archaeological testing for CRHR eligibility. If the discovery proves to be CRHR eligible and cannot be avoided by the project, additional work, such as data recovery excavation, may be warranted to mitigate any significant impacts to historical resources.

Unanticipated Discovery of Human Remains

The discovery of human remains is always a possibility during ground-disturbing activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the County Coroner must be notified immediately. If the human remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission, which will determine and notify a most likely descendant (MLD). The MLD shall complete the inspection of the site and provide recommendations for treatment to the landowner within 48 hours of being granted access.

Please do not hesitate to contact Rincon with any questions regarding this archaeological study.

Sincerely,
Rincon Consultants, Inc.

Robert S. Ramirez, M.A., RPA
Cultural Resources Principal Investigator

Christopher Duran, M.A., RPA
Principal/Senior Archaeologist

Attachment:
Attachment A. Figures
Attachment B. CHRIS Cultural Resource Report List

References

Brady, Jon L. and Philip Vallejo

2015 Historic Property Survey for the Proposed Multi-Family Housing Project Fresno Edison Apartments Phase I and II, Fresno, Fresno County, California. Report on file at Southern San Joaquin Valley Information Center.

National Park Service

1983 Archaeological and Historic Preservation: Secretary of the Interior's Standards and Guidelines. Electronic document, online at http://www.nps.gov/history/local-law-Arch_Standards.htmaccessed December 6, 2011.

Attachment A.

Figures

Figure 1. Project Location Map.

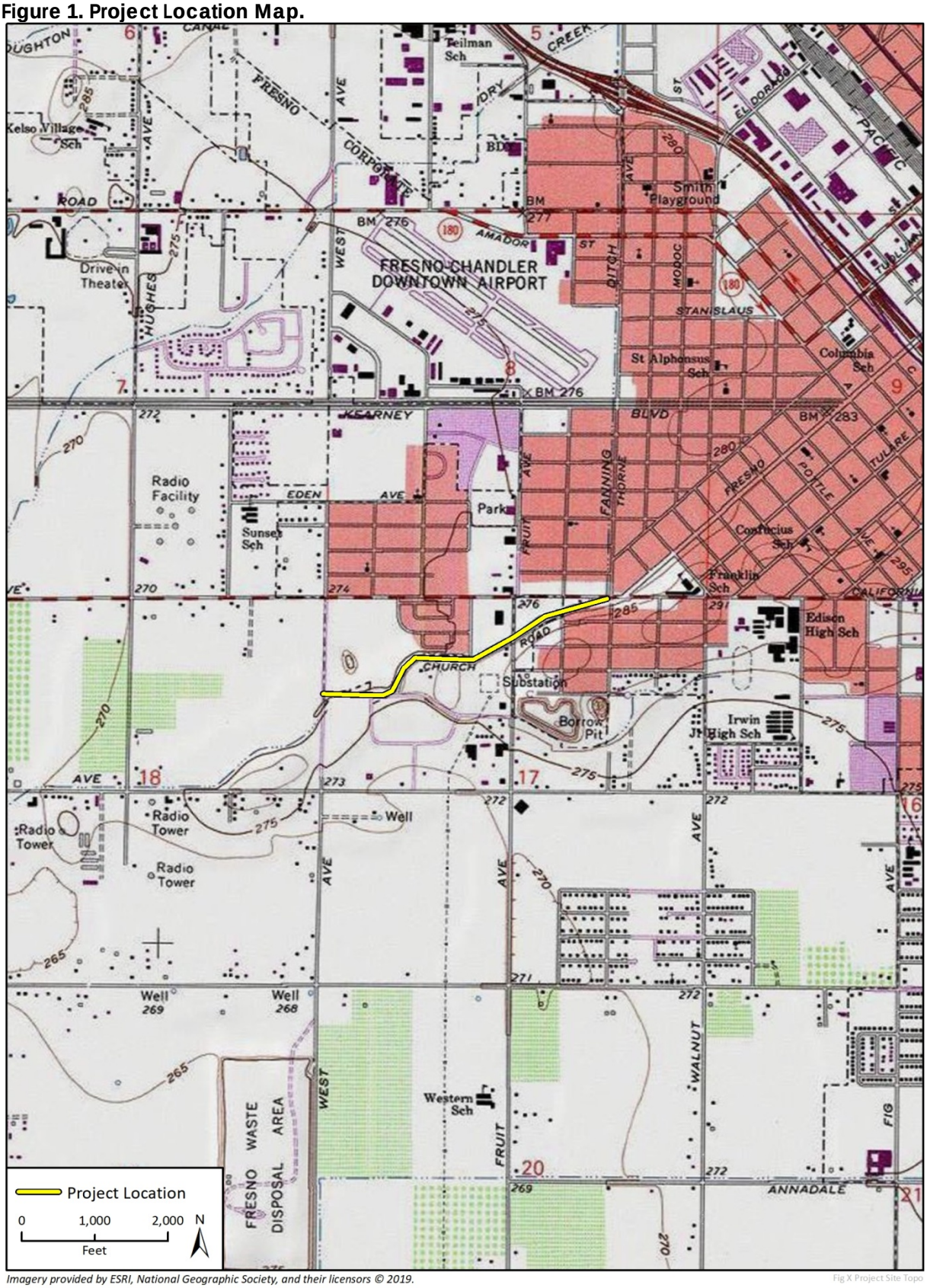

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Fig X Project Site Topo



Figure 2. Eastern Half of Project Alignment at S. Fruit Avenue, Facing West.



Figure 3. Project Alignment between S Fruit Ave and S. Delno Ave, Facing West.



Figure 4. Western Half Project Alignment near Florence Ave Facing northeast.



Figure 5. Historic canal between S Thorne Ave and S Fruit Ave, Facing West.

Attachment B.

CHRIS Cultural Resource Report List

Appendix D

Phase I Environmental Site Assessment



Phase I Environmental Site Assessment

Southwest Green Trail Project
Fresno, California

prepared for
The City of Fresno

prepared by
Rincon Consultants, Inc.

October 30, 2019

RINCON CONSULTANTS, INC.
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October 30, 2019
Project 19-08117

Han Ngo, PE
Professional Engineer
City of Fresno, Public Works Department
Engineering Services Division
2600 Fresno Street, 4th Floor
Fresno, California 93721
Via email: han.ngo@fresno.gov

Subject: **Phase I Environmental Site Assessment**
Southwest Green Trail Project
Between South West Avenue and South Thorne Avenue
Fresno, California

Dear Mr. Ngo:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the Southwest Green Trail Project located in the City of Fresno, California. The Phase I ESA was performed in accordance with our proposal dated September 16, 2019 and the Notice to Proceed, which was issued on October 3, 2019.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions in connection with the proposed alignment. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E1527-13). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion or other indoor air quality, mold, or high-voltage power lines.

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

Sincerely,
Rincon Consultants, Inc.

Meghan Hearne
Environmental Scientist/Project Manager

Walt Hamann, PG, CEG, CHG
Vice President, Environmental Services

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Appendix B Regulatory Records Search

Appendix C Historical Research Documentation

Appendix D Additional Documentation

Executive Summary

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the proposed Southwest Green Trail Project located in the City of Fresno, California (Figure 1, Vicinity Map). The Phase I ESA was performed for the City of Fresno, Public Works Department by Rincon Consultants, Inc. (Rincon). The City of Fresno has requested this assessment and will use the information for the purpose of evaluating the proposed alignment.

The City of Fresno is proposing to design/construct an approximately 0.8-mile long Class I trail along the Fanning Ditch alignment between South West Avenue and South Thorne Avenue (Figure 2, Site Map). Project design/construction will include an asphalt paved trail, new street and trail lights, curb and gutter, new ADA compliant curb ramps, and landscaping. Construction of the proposed trail may also include re-alignment of a portion of West Florence Avenue located east of South West Avenue, as well as earthwork to regrade the adjacent ponding basin which is located northeast of the intersection of West Florence Avenue and South West Avenue.

The proposed alignment is located in an area that generally consists of vacant land, as well as residential (single-family homes), agricultural, and light industrial/commercial land use.

Rincon performed a reconnaissance of the proposed alignment on October 21, 2019. The purpose of the reconnaissance was to observe existing conditions and to obtain information indicating the presence of recognized environmental conditions (RECs) in connection with the proposed alignment. With the exception of the Fanning Ditch and Fresno Metropolitan Flood Control District ponding basin, the area of the proposed alignment consists of undeveloped fields. The use, storage or disposal of hazardous materials on the proposed alignment was not observed during the site reconnaissance.

A regulatory database search was conducted by Environmental Data Resources (EDR) for sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The search was conducted for the proposed alignment and included data from surrounding sites within a specified radius of the property. The proposed alignment was not listed in regulatory databases searched by EDR. Several adjacent properties were listed on both release and non-release databases.

Based on information available through EDR and the State Water Resources Control Board (SWRCB) GeoTracker online database, residual impacts may exist at the following upgradient and adjacent former release sites: 437 and 317 West California Avenue, as well as the associated Fresno Housing Authority Brownfields sites located at 205-437 West California Avenue and 2141 South Fruit Avenue. The former release cases have been “closed” under the oversight of the Central Valley Regional Water Quality Control Board (RWQCB); however, there may be the potential for residual impacts or runoff from these sites to exist within the proposed alignment.

Additionally, there are two facilities located adjacent to the south of the proposed alignment which are associated with multiple underground storage tanks (USTs) and aboveground storage tanks (ASTs): Zacky Farms/Foster Farms Belgravia Plant (900 West Belgravia Avenue) and Ortega’s Meat, Harvey By-Products Co. (2316 South Fruit Avenue). Neither of the facilities were listed on an unauthorized release database or GeoTracker.

Lastly, according to EDR, Triangle Cleaners (50 Fresno Street) operated in 1970 as a cleaners and dyers. It is unknown if Triangle Cleaners operated as a dry-cleaning facility and the facility was not listed on a release database.

Historical sources reviewed as part of the Phase I ESA include aerial photographs and topographic maps. The photos and maps reviewed indicate that the proposed alignment has been adjacent to a drainage channel since at least approximately 1923. The ponding basin is apparent in the 1967 aerial photograph. The drainage channel appears to have historically flowed northeast-southwest toward the basin. Aerial photographs indicate that properties adjacent to the proposed alignment have historically been used for both agricultural and industrial purposes.

Based on the findings of this Phase I ESA, it is our opinion that there two Recognized Environmental Conditions and three Notable Findings in connection with the proposed alignment as follows:

Recognized Environmental Conditions

1. Historical presence of the Fanning ditch and Fresno Metropolitan Flood Control District ponding basin
2. Historical adjacent agricultural and industrial land use

Notable Findings

1. Two former upgradient and adjacent release cases (437 and 317 West California Avenue) as well as associated Fresno Housing Authority Brownfields sites (205-437 West California Avenue and 2141 South Fruit Avenue)
2. Nearby Triangle Cleaners (50 Fresno Street)
3. Southern adjacent USTs and ASTs: Zacky Farms/Foster Farms Belgravia Plant (900 West Belgravia Avenue) and Ortega's Meat, Harvey By-Products Co. (2316 South Fruit Avenue)

To evaluate the potential impacts along the proposed alignment and ponding basin, we recommend soil samples be collected in areas of proposed soil disturbance and excavations.

Due to the historical use of the adjacent properties and the proximity of the proposed alignment to several former release cases with residual impacts, shallow soil samples should be analyzed for organochlorine pesticides (OCPs), heavy metals, total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs). If deeper excavations are planned in the vicinity of the drainage pond, then additional soil or sediment samples should be collected from the total depth of the planned excavations.

Based on the results of the soil sample laboratory analysis, special handing of excavated soil may be warranted and a Soil Management Plan (SMP) may be recommended.

Introduction

This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted for the proposed South West Trail Project located along the Fanning ditch alignment between South West Avenue and South Thorne Avenue in Fresno, California (proposed alignment - Figure 1, Vicinity Map). The Phase I ESA was performed by Rincon Consultants, Inc. (Rincon) for the City of Fresno Department of Public Works (Client) in general conformance with ASTM E1527-13, our proposal dated September 16, 2019, and the Notice Proceed issued by the City on October 3, 2019. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions (RECs) along the proposed alignment.

Purpose

The City of Fresno has requested this assessment and will use the information for the purpose of evaluating the proposed alignment. The purpose of this Phase I ESA was to determine if there are RECs along the proposed alignment, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

A REC is defined pursuant to ASTM E1527-13 as,

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

A Controlled REC is defined pursuant to ASTM E1527-13 as,

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

A Historical REC is defined pursuant to ASTM E1527-13 as,

> "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by regulatory authority, without subjecting the property to any required controls (for example, use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the

> Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP [Environmental Professional] considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition".

A *de minimis* condition is defined pursuant to ASTM E1527-13 as,

> "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions".

Scope of Services

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

- Performed a reconnaissance of the proposed alignment to identify obvious indicators of the existence of hazardous materials.
- Observed adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtained and reviewed an environmental records database search to obtain information about the potential for hazardous materials to exist along the proposed alignment or at properties located in the vicinity of the proposed alignment.
- Reviewed files for the proposed alignment and immediately adjacent properties as identified in the database report, as applicable.
- Reviewed the current United States Geological Survey (USGS) topographic map to obtain information about the proposed alignment and regional topography and uses of the proposed alignment and surrounding sites.
- Reviewed additional pertinent record sources (e.g., California Division of Oil, Gas, and Geothermal Resources records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs along the proposed alignment.
- Reviewed reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the proposed alignment and adjacent properties.
- Provided a user interview questionnaire to a representative of the client, the user of the Phase I ESA.
- Provided a property owner interview questionnaire to the property owner or a designated proposed alignment representative identified to Rincon by the client.
- Conducted interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Reviewed available client-provided information (e.g., previous environmental reports, title documentation).

Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied, are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary research.

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

In addition, pursuant to ASTM E1527-13 practice, our scope of services did not include any inquiries with respect to asbestos-containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality unrelated to release of hazardous substances or petroleum products into the environment, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance, wetlands, or high-voltage power lines.

User Reliance

The City of Fresno has requested this assessment and will use the information for the purpose of evaluating the proposed alignment. This Phase I ESA was prepared for use solely and exclusively by the City of Fresno. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.

Site Description

Project Location and Description

The City of Fresno is proposing to design/construct an approximately 0.8-mile long Class I trail along the Fanning Ditch alignment between South West Avenue and South Thorne Avenue in Fresno, California (Figure 2, Site Map). The Transformative Climate Communities Program will fund the project. The ultimate width of the trail may consist of 12-foot wide asphalt pavement and 12-foot wide landscaped areas on either side of the pavement.

Project design/construction will include an asphalt paved trail, new street and trail lights, curb and gutter, new ADA compliant curb ramps, and landscaping. Construction of the proposed trail may also include re-alignment of a portion of West Florence Avenue located east of South West Avenue, as well as earthwork to regrade the adjacent ponding basin that is located northeast of the intersection of West Florence Avenue and South West Avenue. In order to construct the trail, the City must acquire aditional land along the trail alignment.

Proposed Alignment and Vicinity General Characteristics

With the exception of the Fanning Ditch and Fresno Metropolitan Flood Control District (FMFCD) ponding basin, the area of the proposed alignment mainly consists of undeveloped fields.

The proposed alignment is located in an area that generally consists of vacant land, as well as residential (single-family homes), agricultural and light industrial/commercial land use. Parts of the proposed alignment cross or travel along the side of a paved road.

The current adjacent land uses are described in Table 1 and depicted on Figure 3, Adjacent Land Use Map.

Table 1 Current Uses of Adjacent Properties

Area	Use
Northern Properties	Vacant land, followed by residential land use
Eastern Properties	Residential land use, followed by light industrial/commercial land use (across East California Avenue)
Southern Properties	Vacant land, followed by residential land and light industrial/commercial land use
Western Properties	South West Avenue, followed by agricultural land use

Descriptions of Structures, Roads, Other Improvements on the Proposed Alignment

During the site reconnaissance, the proposed alignment was observed to consist of vacant land with some scattered trash and debris, including old tires. A tin shack was observed on the western portion of the proposed alignment (Figure 2).

Access to the proposed alignment is available from South West Avenue, South Fruit Avenue, West Church Road, and West California Avenue.

The following utility providers service the proposed alignment area:

- Electrical Service – PG&E
- Natural Gas Service – PG&E
- Water/Sewer Service – City of Fresno

User-Provided Information

As described in ASTM E1527-13 Section 6, a User Questionnaire as provided by ASTM Appendix X3 was provided to the City of Fresno. The purpose of the User Questionnaire is for the User of the Phase I ESA to provide actual knowledge pertaining to the proposed alignment to help identify RECs. Han Ngo, Professional Engineer for the City of Fresno Department of Public Works, completed two questionnaires: one for parcel 477-051-01T and one for parcel 477-051-04ST. Copies of the completed questionnaires are included as Appendix A.

Parcel 477-051-04ST

Based on our review of the completed questionnaire, the City has indicated the following:

- The Phase I ESA is being performed as part of the Transformative Climate Communities grant requirement.

Based on the questionnaire, Mr. Ngo did not review the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the proposed alignment
- Recorded land title records (or judicial records, where appropriate) that identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the proposed alignment under federal, tribal, state or local law
- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the proposed alignment

Based on our review of the completed questionnaire, Mr. Ngo is unaware of information regarding the following:

- Specialized knowledge or experience related to the proposed alignment or nearby properties
- Reduction in value for the proposed alignment relative to any known environmental issues
- Past uses of the subject property
- Commonly known or reasonably ascertainable information about the proposed alignment that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the proposed alignment
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the proposed alignment
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the proposed alignment
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

Parcel 477-051-1T

Based on our review of the completed questionnaire, the City has indicated the following:

- The Phase I ESA is being performed as part of the Transformative Climate Communities grant requirement.

Based on the questionnaire, Mr. Ngo did not review the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the proposed alignment
- Recorded land title records (or judicial records, where appropriate) that identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the proposed alignment under federal, tribal, state or local law
- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the proposed alignment

Based on our review of the completed questionnaire, Mr. Ngo is unaware of information regarding the following:

- Specialized knowledge or experience related to the proposed alignment or nearby properties
- Reduction in value for the proposed alignment relative to any known environmental issues
- Past uses of the subject property
- Commonly known or reasonably ascertainable information about the proposed alignment that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the proposed alignment
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the proposed alignment
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the proposed alignment
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

Records Review

Physical Setting Sources

Topography

The current USGS topographic map (Fresno South Quadrangle, 1981) indicates that the western end of the proposed alignment is situated at an elevation of approximately 275 feet above mean sea level (msl). The eastern end of the proposed alignment is situated at an elevation of approximately 285 feet above msl. Topography in the vicinity of the existing ditch generally slopes downward to the southwest.

Geology and Hydrogeology

According to the California Geological Survey (CGS), *California Geomorphic Provinces, Note 36*[1], the proposed alignment is located within the Great Valley Geomorphic Province. The Great Valley is an alluvial plain about 50 miles wide and 400 miles long in the central part of California. Its northern part is the Sacramento Valley, drained by the Sacramento River and its southern part is the San Joaquin Valley drained by the San Joaquin River. The Great Valley is a trough in which sediments have been deposited almost continuously since the Jurassic (about 160 million years ago). Great oil fields have been found in southernmost San Joaquin Valley and along anticlinal uplifts on its southwestern margin. In the Sacramento Valley, the Sutter Buttes, the remnants of an isolated Pliocene volcano, rise above the valley floor.

Site Geology

According to the Geologic Map of California: Fresno sheet 1965, the proposed alignment is underlain by Pleistocene non-marine sediments (Qc) (Matthews, R.A., and Burnett, J.L., 1965).

Based on historical drilling logs for the property located adjacent to the north at 437 West California Avenue, soil beneath the proposed alignment may consist of silty sand, clayey sand, and various combinations of sand, silt, clay mixtures (alluvium).

Regional Groundwater Occurrence and Quality

The proposed alignment is located within the San Joaquin Valley groundwater basin.

During the preparation of this Phase I ESA, we reviewed the California State Water Resources Control Board's (SWRCB's) online GeoTracker database to determine groundwater flow direction in the vicinity of the proposed alignment. According to the Case Closure Summary for the former adjacent underground storage tank (UST) release located at 437 West California Avenue, Fresno, depth to groundwater was reported as approximately 76 feet below grade and the gradient was reported as flat, with no discernable flow direction (Central Valley RWQCB, 2010). This property was located in between South Fruit Avenue and South Arthur Avenue, on the south side of West California Avenue, adjacent to the north of the eastern portion of the proposed alignment. The former release site currently consists of vacant land.

[1] https://www.conservation.ca.gov/cgs/Documents/Publications/Note_36.pdf

Although groundwater gradient was not reported in the above referenced closure documentation, based on the local gradient, it is likely that groundwater flows to the southwest. Surface water/runoff is anticipated to be flowing to the southwest in Fanning ditch.

Standard Environmental Record Sources

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

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

Proposed Alignment

The proposed alignment was not listed on regulatory database searched by EDR.

Offsite Properties

Offsite properties listed by EDR fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., Leaking Underground Storage Tank [LUST], National Priority List [a.k.a. Superfund sites], and corrective action facilities), and databases of businesses permitted to use hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

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

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

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the proposed alignment, based on one or more of the factors listed above, are summarized in

Table 2. In accordance with ASTM, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

Table 2 EDR Listing Summary of Select Sites within One-Eighth Mile of the Proposed Alignment

Site Name	EDR Site ID	Site Address	Distance from Proposed Alignment	Database Reference	Comments
Adjacent Sites					
Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood	C10, C11, C12, C14	437 California Avenue	Adjacent to the north (between South Fruit Avenue and South Arthur Avenue)	**GeoTracker,** EDR Hist Auto, SWEEPS UST, HIST UST, FID UST, CUPA Listings, **LUST,** HIST CORTESE, CERS	Gasoline release; completed - case closed as of 4/29/2010. Former gasoline service station 1958 through 1975. Associated with at least three former USTs.
Auto Dismantler (Former)	3	317 West California Avenue	Adjacent to the north (between South Fruit Avenue and South Arthur Avenue)	**GeoTracker, CPS-SLIC**, CERS	Metals, polychlorinated biphenyls (PCBs), and polynuclear aromatic hydrocarbons (PAHs) impacts to soil; completed – case closed as of 10/25/2011.
Fresno Housing Authority BROWNFIELDS	A2	205-437 West California Avenue	Adjacent to the north	US BROWNFIELDS, FINDS	No additional information available.
317 CA Site Cleanup	C7	2141 South Fruit Avenue	Adjacent to the north, along Fruit Avenue	US BROWNFIELDS, FINDS	No additional information available.
Kludjian Service	A1	205 West California Avenue	Adjacent to the north	EDR Hist Auto	Former gasoline service station 1958 through 1965.
Ellis Garage	B6	2245 South Fruit Avenue	Adjacent to the south	EDR Hist Auto	Former gasoline service station 1958 through 1970.
California West Site	NA	1435 California Avenue	Adjacent to the east, across South West Avenue	**ENVIROSTOR**	Site historically used for farming with an onsite residence and outbuildings prior to 1957 until the present. A Preliminary Environmental Assessment (PEA) is required to investigate the site for organochlorine pesticides (OCP) and arsenic related to agricultural activities; lead and OCPs related to lead-based paint and termiticides;

Site Name	EDR Site ID	Site Address	Distance from Proposed Alignment	Database Reference	Comments
					OCPs related to the plastic above storage tanks (ASTs) and total petroleum hydrocarbons (TPHs) from the metal AST; and PCBs from pole-mounted transformers.
Zacky Farms/Foster Farms Belgravia Plant	F22, F23, F24, F25	900 West Belgravia Avenue	Adjacent to the south	RCRA-SQG, RCRA NonGen/NLR, SWEEPS UST, HIST UST, CA FID UST, AST, CHMIRS, CUPA Listings, EMI, HAZNET, CIWQS, CERS, CERS HAZ WASTE, CERS TANKS	Although the facility is associated with up to 9 historical USTs and an AST, unauthorized releases have not been reports. The adjacent property has historically been used for industrial purposes.
Ortega's Meat, Harvey By-Products Co.	G26, G27, G28, G29	2316 South Fruit Avenue	Adjacent to the south	AST, SWEEPS UST, CA FID UST, CUPA Listings, Hist UST	Although the facility is associated with USTs and an AST, unauthorized releases have not been reports. The adjacent property has historically been used for industrial purposes.
Nearby Sites					
Joe and Ollie's Service	4	9 East Atchison Avenue	Adjacent to the east (across South Thorne Avenue)	EDR Hist Auto	Former gasoline service station 1971 through 1975.
Triangle Cleaners	D9	50 Fresno Street	Approximately 365 feet to the east-northeast	EDR Hist Cleaner	Triangle Cleaners operated in 1970 (cleaners and dyers).
***Bold** listings indicate a release database					

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

Orphan Listings

EDR reported six orphan or unmapped site listings, which EDR is unable to plot due to insufficient address information. Based on Rincon's review of the limited address information or site descriptions for the orphan listings, the six sites are not expected to affect the proposed alignment.

Additional Environmental Record Sources

Review of Agency Files

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

The following is a summary of our review of regulatory information obtained from review of online sources (e.g., SWRCB GeoTracker database, Department of Toxic Substances Control [DTSC] EnviroStor database, local fire department) and/or files requested from the applicable regulatory agency, as described below. Copies of selected documents reviewed are included in Appendix D.

Proposed Alignment

The proposed alignment was not listed in any of the databases searched by EDR.

Adjacent Sites

The following adjacent sites were listed in databases searched by EDR.

- **Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood – 437 California Avenue.** This property is located adjacent to the north of the proposed alignment, between South Fruit Avenue and South Arthur Avenue. The site is listed on the SWRCB's GeoTracker database, as well as the following databases searched by EDR: EDR Historical Auto (Hist Auto), Statewide Environmental Evaluation and Planning System (SWEEPS UST), Historical UST (HIST UST), Facility Index System UST (FID UST), Certified Unified Programs Agencies (CUPA) Listings, Leaking UST (LUST), HIST CORTESE, and California Environmental Reporting System (CERS). According to GeoTracker and EDR, the site is associated with a closed unauthorized release case (case closed as of 4/29/2010). The contaminant of concern was listed as gasoline and the potential media affected was reported as "aquifer used for drinking water supply." A case closure letter was issued by the Central Valley RWQCB on April 29, 2010.

  According to the closure letter, four 1,000-gallon USTs were removed from the site in September 1988. An investigation performed in 1990 found gasoline present in soil to a depth of 50 feet (the total depth investigated) and waste oil present to a depth of 10 feet. Five soil borings were drilled at the site during February and March 2006 and groundwater monitoring wells installed in four of the borings. The highest concentrations of Total Petroleum Hydrocarbon gasoline range (TPH-g) were detected in B-1 with 11,200 milligrams per kilogram (mg/kg) at a depth of 25 feet and B-4 with 12,700 mg/kg at a depth of 25 feet. Boring B-1 was drilled in the central UST area while Boring B-4 was drilled in the northwest UST area. Five groundwater monitoring wells were sampled during April 2006; depth to water was about 76 feet and the gradient flat, with no discernable flow direction. No petroleum hydrocarbons were

detected in any of the wells during the last two groundwater monitoring events in June 2009 and December 2009. A soil vapor extraction pilot test was performed in February 2007 using the groundwater monitoring wells as vapor extraction wells. The vapor extraction system removed about 13,500 pounds of gasoline from the subsurface; less than 200 pounds are believed to remain. Two soil vapor monitoring probes were installed to depths of six feet in the source area during March 2010. Soil vapor results indicated low concentrations of petroleum hydrocarbons in soil vapor. The concentrations were below the residential California Human Health Screening Levels (CHHSLs) published by the Office of Environmental Health Hazard Assessment, and below the residential Environmental Screening Levels (ESLs) published by the San Francisco Bay Regional Water Board SFB RWQCB).

The Central Valley RWQCB determined that the majority of the petroleum hydrocarbons released at the site have been removed and "The residual levels of petroleum hydrocarbons are not sufficient to cause health concerns for the public and are not a threat to groundwater. Natural attenuation of residual petroleum hydrocarbons is expected to occur over time." A copy of the closure letter is included in Appendix D.

- **Auto Dismantler (Former) – 317 West California Avenue**. This property is located adjacent to the north of the proposed alignment, between South Fruit Avenue and South Arthur Avenue. The site is listed on the SWRCB's GeoTracker database, as well as the Cleanup Program Sites (CPS) - Spills, Leaks, Investigations, and Cleanups (SLIC) sites, and CERS databases searched by EDR. According to GeoTracker and EDR, the site is associated with a closed unauthorized release case (case closed as of 10/25/2011). The contaminants of concern were reported as: heavy metals (copper, lead), polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs). The potential media of concern were reported as soil and soil vapor. A case closure letter was issued by the Central Valley RWQCB on October 25, 2011.

  According to the case closure summary, an auto dismantler operated on the property from at least 1950 through 1967. Soil samples were collected in 2003. Lead was detected in soil at concentrations above the CHHSL of 150 mg/kg in two samples. A groundwater sample collected from the site contained elevated levels of aluminum, lead, iron, and magnesium. Additional soil samples were collected in 2006 for the analysis of cadmium, lead, copper, zinc, TPH-carbon chain, PCBs, semi-volatile organic compounds (SVOCs), and CAM metals. Based on the detected lead and copper concentrations, select samples underwent additional analysis for waste characterization. A soil gas survey was performed at the site; no volatile organic compounds (VOCs) were detected. The City of Fresno Redevelopment Agency excavated impacted soil to a depth of up to 15-inches and hauled the soil offsite for disposal. The initial excavation removed about 1,590 tons of impacted soil from the site. The soil in the bottom of the excavation was re-sampled and did not contain lead, PCBs, or PAHs above residential screening levels. The excavation was backfilled with clean soil.

  The Central Valley RWQCB determined that practical remediation has been performed and that "Any remaining residual levels of constituents of concern are not sufficient to cause health concerns for the public and are not a threat to groundwater." A copy of the closure letter is included in Appendix D.

- **Fresno Housing Authority BROWNFIELDS – 205-437 West California Avenue.** This property is located adjacent to the north of the proposed alignment. The site is listed on the US BROWNFIELDS and Facility Index System (FINDS) databases searched by EDR. Prior to the BROWNFIELDS listing, the site was reportedly listed as a Superfund Site; no other information was available for the Fresno Housing Authority listing. However, based on the information

available for the previously summarized Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood site (437 California Avenue) and the former auto dismantler (317 West California Avenue) site, it appears that the impacts associated with those listings are representative of the impacts associated with the Fresno Housing Authority BROWNFIELD site. Additionally, correspondence between the City of Fresno Redevelopment Agency and the Central Valley RWQCB (available online through CUPA), indicates that the Brownfields site listings are a result of the Fresno Housing Authority's proposal to redevelop the former release properties as low-income housing.

- **Kludjian Service – 205 West California Avenue.** This property is located adjacent to the north of the proposed alignment. According to EDR, the site was occupied by a gasoline service station from 1958 through 1965 (Hist Auto listing). The site was not listed on a release database searched by EDR. Based on the mapped location of the site, it may be associated with the Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood listing located at 437 California Avenue. Furthermore, city directories indicate that Ellis Garage/Kludjian gasoline station operated at 2245 South Fruit Avenue from 1958 through 1970. If the gas station was located at the 2245 South Fruit Avenue location, then it would have been topographically down gradient of the proposed alignment and not expected to impact the project.
- **317 CA Site Cleanup - 2141 South Fruit Avenue.** This property is located adjacent to the north of the proposed alignment, along Fruit Avenue. The site is listed on the US BROWNFIELDS and FINDS databases searched by EDR. EDR indicates that site cleanup is being funded by the US EPA – Brownfields Cleanup Cooperative Agreement and that the current owner is the Redevelopment Agency, City of Fresno (as of 2011). Based on the limited information available for the listings and the location of the site, it is likely that the listings are associated with the previously summarized Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood site (437 California Avenue), the former auto dismantler (317 West California Avenue), and the Fresno Housing Authority BROWNFIELDS listing (205-427 West California Avenue).
- **Ellis Garage - 2245 South Fruit Avenue.** This property is located adjacent to the south of the proposed alignment, along Fruit Avenue. The site is listed on the US BROWNFIELDS and FINDS databases searched by EDR. According to EDR, the site was occupied by a gasoline service station from 1958 through 1970 (Hist Auto listing). The site was not listed on a release database searched by EDR. City directories indicate that Ellis Garage/Kludjian gasoline station operated at 2245 South Fruit Avenue from 1958 through 1970. Additionally, the site appears to be topographically down gradient of the proposed alignment and is therefore not expected to impact the project.
- **California West Site – 1435 California Avenue.** This site is located adjacent to the east, across South West Avenue and was identified by the DTSC ENVIROSTOR online database. According to ENVIROSTOR, the 29.32-acre site was historically used for farming with an onsite residence and outbuildings prior to 1957 until the present. A Preliminary Environmental Assessment (PEA) is required to investigate the site for: OCPs and arsenic related to agricultural activities, lead and OCPs related to lead-based paint and termiticides, OCPs related to the plastic ASTs and TPHs from the metal AST, and PCBs from pole-mounted transformers. According to the site history summary (ENVIROSTOR), "On January 26, 2010, the DTSC approved a PEA work plan. The intention of the work plan was to investigate: residual pesticides and arsenic associated with the former agricultural land use; PCBs from the onsite electrical transformer; lead from lead-based paint on the residence; and OCPs from termiticide application. In addition, soil gas sampling was to be conducted to assess onsite impacts due to potential offsite releases of hydrocarbons at

the farmstead area west of the site. On June 16, 2010, per the District's request, the DTSC issued an inactive status of the PEA and an approved PEA work plan has not been implemented." Based on the soil-only nature of the release listing, and the location of the site to the west across South West Avenue, the California West site impacts are not expected to adversely affect the proposed alignment.

- **Zacky Farms/Foster Farms Belgravia Plant – 900 West Belgravia Avenue.** This site is located adjacent to the south of the proposed alignment. The facility is currently occupied by Fosters Poultry Farms. The facility was listed in the following databases searched by EDR: Resource Conservation and Recovery Act Small-Quantity Generator (RCRA-SQG), RCRA NonGen/no longer reporting (NLR), SWEEPS UST, HIST UST, CA FID UST, AST, California Hazardous Materials Incident Report System (CHMIRS), CUPA Listings, Emissions Inventory (EMI), Hazardous Materials (HAZNET), California Integrated Water Quality System (CIWQS), CERS Haz Waste, CERS Tanks, and CERS. The UST listings indicate that the facility is associated with two, 12,000-gallon diesel fuel USTs and up to nine historical USTs. Information regarding the capacity and contents of the AST were not available. The CHIMRS listing indicates that on 5/31/2-15, a release of anhydrous ammonia occurred to vapor. The incident was reported as follows: "Per the caller they were trying to install an isolation valve. They were doing a pump down of the system and popped a relief valve." Based on the limited information available, it appears that the leak was contained, and the Fresno County Health Department was involved. The CUPA listing indicates that two USTs were removed from the property. According to documents available through CUPA and the County Environmental Health Department online portal, the two former 12,000-gallon USTs were removed in November 1998. There were no records available indicating that the USTs were replaced. The EMI listing indicates that the facility is a generator of greenhouse gas emissions. The HAZNET and RCRA listings indicate that the facility was a generator of various types of hazardous materials. The CERS listings are associated with various compliance evaluation inspections conducted at the facility. The facility was not listed on an unauthorized release database or GeoTracker.
- **Ortega's Meat, Harvey By-Products Co. – 2316 South Fruit Avenue.** This facility is located adjacent to the south of the proposed alignment. The site was listed on the AST, SWEEPS UST, CA FID UST, CUPA Listings, and Hist UST databases searched by EDR. The AST was reported as 1,320-gallon capacity with contents unknown. The UST listings indicate that the site is associated with at least three USTs as follows: two 4,000-gallon fuel USTs and at least one 4,000-gallon diesel UST. The facility was not listed on an unauthorized release database or GeoTracker.

Nearby Sites

The following nearby sites may have the potential to impact the proposed alignment:

- **Joe and Ollie's Service – 9 East Atchison Avenue.** This property is located adjacent to the east of the proposed alignment, across South Thorne Avenue. According to EDR, the site was occupied by a gasoline service station from 1971 through 1975 (Hist Auto listing). The site was not listed on a release database searched by EDR. Additionally, the site appears to be topographically cross gradient of the proposed alignment and is, therefore, not expected to impact the project.
- **Triangle Cleaners – 50 Fresno Street**. This property is located approximately 365 feet to the east-northeast of the proposed alignment, across West California Avenue. According to EDR, Triangle Cleaners operated in 1970 as a cleaners and dyers (EDR Hist Cleaners). It is unknown if

Triangle Cleaners operated as a dry-cleaning facility. Dry cleaning facilities are generally associated with the use of chlorinated solvents. Although the site was not listed on a release database, there is the potential for an unreported solvent release to have occurred. Additionally, the site is located topographically upgradient with respect to the proposed alignment.

Review of State of California Division of Oil, Gas, and Geothermal Resources Records

A review of the Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System[2] indicates that no oil wells are located on the proposed alignment or adjacent properties, or within one-quarter mile of the proposed alignment.

Review of National Pipeline Mapping System Records

A review of the National Pipeline Mapping System (NPMS) online Public Map Viewer[3] indicates that no gas transmission pipelines or hazardous liquid pipelines are located along the proposed alignment or adjacent properties.

Known or Suspect Contaminated Release Sites with Potential Vapor Migration

The EDR report was reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby site to be migrating beneath the proposed alignment. Based on the ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the proposed alignment:

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

If known or suspect contaminated sites are located within the above referenced distances from the proposed alignment, online resources are reviewed to determine the extent of the contaminated plume at those sites. The following describes search distances for contaminated plumes of petroleum hydrocarbons (30 feet from the proposed alignment) and other COCs (100 feet from the proposed alignment). Per ASTM E2600-15, vapors associated with impacted soil or groundwater present within these distances have the potential to migrate beneath the proposed alignment.

Petroleum Hydrocarbons

Based on our review of the EDR report, two former unauthorized releases have occurred on properties located adjacent to the proposed alignment. Due to the proximity of the former releases,

[2] https://maps.conservation.ca.gov/doggr/wellfinder/

[3] https://www.npms.phmsa.dot.gov/PublicViewer/

there is the potential for residual petroleum hydrocarbon-impacted soil, soil vapor, and groundwater plumes located within 30 feet of the proposed alignment:

- **Vacant Lot (ABD S/S)/Sunset Gulf Service Center/Walker and Hood – 437 California Avenue.** Although the Central Valley RWQCB determined that the majority of the petroleum hydrocarbons released at the site have been removed, the extent of residual hydrocarbons present is not determined.
- **Auto Dismantler (Former) – 317 West California Avenue**. Although the Central Valley RWQCB determined that practical remediation has been performed, the extent of residual hydrocarbons present is not determined.

The northern adjacent Fresno Housing Authority BROWNFIELDS site (205-437 West California Avenue) appears to be associated with the former release cases discussed above.

Other COCs

Based on our review of the EDR report, no releases on the proposed alignment or adjacent properties have the potential to have soil vapor migrating beneath the proposed alignment.

However, based on our review of the EDR report, known or suspect sites identified within 1/3 mile of the proposed alignment are as follows:

- **Triangle Cleaners – 50 Fresno Street**. This property is located approximately 365 feet to the east-northeast of the proposed alignment, topographically upgradient to the alignment. Triangle Cleaners operated in 1970 as a cleaners and dyers (EDR Hist Cleaners). It is unknown if Triangle Cleaners operated as a dry-cleaning facility. Although the site was not listed on a release database, there is the potential for an unreported solvent release to have occurred. The facility could be located on the EPA FINDS online databases, nor was it identified on the South Coast Air Quality Management District (SCAQMD) online database.

Based on the nature of the release(s) and/or distance from the proposed alignment, these known or suspect release sites do not appear to have the potential to have soil or groundwater plumes located within 100 feet of the proposed alignment.

Historical Use Information on the Property and the Adjoining Properties

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

Review of Aerial Photographs

Aerial photographs from EDR's aerial photograph collection were obtained. In addition, a current aerial from Google Earth was reviewed. The aerial photographs were reviewed on October 8, 2019.

Review of Historical Topographic Maps

Historical topographic maps from EDR's map collection were obtained. The historical topographic maps were reviewed October 8, 2019.

Review of City Directory Listings

EDR was contracted to provide copies of city directory listings for the proposed alignment. The city directory listings were reviewed on October 8, 2019.

Review of Fire Insurance Maps

EDR was contracted to provide copies of fire insurance maps (i.e. Sanborns) for the proposed alignment. As indicated in the attached report, fire insurance maps were not available for the proposed alignment or adjacent properties.

Review of City of Fresno Building Permit Records

The proposed alignment has historically consisted of a drainage ditch or undeveloped land; therefore, building permit records were not reviewed.

Other Historical Sources

Based on the historical information obtained, other additional historical sources were not reviewed.

Summary of Historical Uses

Proposed Alignment

Based on our review of the documents listed above, it appears that the proposed alignment was developed with the following:

- 1937, 1942, 1946, 1950, 1957, 1962: Southwest trending water-filled drainage feature; westernmost section appears to have been historically undeveloped or occupied by agricultural land use since at least 1967; South Fruit Avenue crosses the alignment in a north-south direction since 1942.
- 1967: Southwest trending water-filled drainage feature; westernmost section appears to have consisted of residential structures, vacant land, and a drainage feature.
- 1973: Similar to 1967; however, the westernmost section appears to consist of vacant land and drainage features.
- 1979: Similar to 1973; however, the westernmost section appears to run along a paved road (West Florence Avenue).
- 1984, 1987: Similar to 1979; however, visible water in the drainage appears to be intermittent.
- 1998: Similar to 1987; however, visible water becomes increasingly sporadic.
- 2006, 2009, 2012, 2016: Similar to 1998.

Because the project consists of a proposed alignment, city directories could not locate a physical address.

Northern Adjacent Properties

Based on our review of the documents listed above, it appears that the northern adjacent properties were developed with the following:

- 1937, 1942, 1946: Vacant land use (east of South Fruit Avenue); agricultural land use (west of South Fruit Avenue).

- 1950: Vacant land and possible auto dismantling facility (east of South Fruit Avenue); agricultural land use with scattered farm structures (west of South Fruit Avenue).
- 1957: Light industrial/commercial land (possible auto dismantling facility and gasoline station) to the east of South Fruit Avenue; agricultural land, followed by new residential development, followed by vacant and agricultural land (west of South Fruit Avenue).
- 1962: Light industrial/commercial land (possible auto dismantling facility and gasoline station) to the east of South Fruit Avenue; new commercial facility on the northeast corner of South Fruit Avenue and West California Avenue (possible repair shop), followed by residential land use, followed by vacant and agricultural land (west of South Fruit Avenue).
- 1967, 1973, 1979, 1984, 1987: Similar to 1962; addition of a possible detention basin north of the western end of the drainage; possible auto dismantling facility appears to have been demolished (1973).
- 1998, 2006: The former light industrial/commercial facilities on both the northwestern and northeastern corners of South Fruit Avenue and California Avenue appear to be vacant. The parcel on the northeast corner of South Fruit Avenue and California is mostly vacant; west of South Fruit Avenue, the land is mostly vacant with one abandoned commercial structure, followed by the residential development, followed by vacant land and a drainage basin on the north side of the western end of the proposed alignment.
- 2009: Similar to 2006; the abandoned commercial structure on the northeast corner of South Fruit Avenue and California Avenue has been demolished and the land is entirely vacant. Further residential development can be seen to the west of the pre-existing neighborhood.
- 2012, 2016: Similar to 2009, with additional residential development north of the drainage basin on the western end of the proposed alignment.

Eastern Adjacent Properties

Based on our review of the documents listed above, it appears that the eastern adjacent properties were developed with the following:

- 1937: Mostly vacant land with few scattered structures at the intersection of Fresno Street and California Street.
- 1942: Similar to 1937, with additional structures in the vicinity of at the intersection of Fresno Street and California Street; continued vacant/agricultural land to the east of the drainage.
- 1950, 1957, 1962, 1967, 1973, 1979, 1984, 1987: Noticeably increased developed of all parcels to the east of the east end of the proposed alignment/drainage; increased residential development through time.
- 1998: Similar to 1987. Parcels located to the east of the eastern end of the alignment (east of South Thorne Street) are mostly occupied by single-family residential homes with the exception of few commercial structures at the intersection of Fresno Street and California Avenue.
- 2006, 2009, 2012, 2016: Similar to 1998 with continued developed.

City directories provided for the eastern adjacent properties indicate that the properties were mostly occupied by individual residents.

Southern Adjacent Properties

Based on our review of the documents listed above, it appears that the southern adjacent properties were developed with the following:

- 1937, 1942, 1946: Mostly vacant and agricultural land use.
- 1950, 1957, 1962: Several of the southern adjacent parcels appear to be occupied by structures; however, the land is mostly vacant or remains used for agricultural purposes.
- 1967, 1973: Noticeable increase in development of areas southeast of the proposed alignment; most of the area centrally located to the south of the proposed alignment remains vacant.
- 1979: Similar to 1973; the southern adjacent poultry farm facility is being constructed (900 West Belgravia Avenue).
- 1984: Similar to 1979; the southern adjacent Ortega's Meat facility has been constructed (2316 South Fruit Avenue).
- 1987: Similar to 1984.
- 1998: Similar to 1987.
- 2006, 2009, 2012, 2016: Similar to 1998.

Western Adjacent Properties

Based on our review of the documents listed above, it appears that the western adjacent properties were developed with the following:

- 1937, 1942, 1946, 1950, 1957, 1962, 1967, 1973, 1979, 1984, 1987: Agricultural land and drainages; South West Avenue was developed by 1979.
- 1998, 2006, 2009, 2012: Similar to 1987.
- 2016: The former agricultural land west of South West Avenue appears vacant.

Gaps in Historical Sources

Several gaps of greater than five years were identified in the historical records reviewed from: 1923 to 1937, 1950 to 1957, 1973 to 1979, 1987 to 1998, and 1998 to 2006. These gaps are not considered significant because land use appears to be similar prior to and following the gaps.

Interviews

Rincon performed interviews regarding the proposed alignment and surrounding areas. The purpose of the interviews was to discuss current and historical conditions and to obtain information indicating the presence of RECs in connection with the proposed alignment.

Interview with Owner

An interview questionnaire was provided to the City of Fresno prior to the site reconnaissance. Han Ngo, Professional Engineer for the City of Fresno Department of Public Works, completed two questionnaires: one for parcel 477-051-01T and one for parcel 477-051-04ST. Copies of the completed questionnaires are included as Appendix A.

Parcel 477-051ST

Mr. Ngo indicated the following:

- The proposed alignment is currently a vacant lot.
- The northern, western, and eastern adjacent properties consist of vacant land.
- The southern adjacent property consists of West Florence Avenue.
- He is unaware of past uses of the proposed alignment and adjacent properties.
- The City of Fresno owns the parcel.

Mr. Ngo indicated that he is unaware of the presence of industrial drums, storage tanks (above or below ground), fill dirt, pits, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, private wells, non-public water systems, transformers, capacitors, or hydraulic equipment, records indicating the presence of polychlorinated biphenyls, or records indicating the presence of pesticides or herbicides on the parcel.

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

Parcel 477-051T

Mr. Ngo indicated the following:

- The proposed alignment is currently a vacant lot.
- The northern and western adjacent properties are occupied by the Fresno Metropolitan Flood Control District ponding basin.
- He did not report occupancy information regarding the eastern adjacent property.
- The southern adjacent property consists of West Florence Avenue.
- He is unaware of past uses of the proposed alignment and adjacent properties.
- The City of Fresno owns the parcel.

Mr. Ngo indicated that he is not aware of the presence of industrial drums, storage tanks (above or below ground), fill dirt, pits, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, private wells, non-public water systems, transformers, capacitors, or hydraulic equipment, records indicating the presence of polychlorinated biphenyls, or records indicating the presence of pesticides or herbicides on the parcel.

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

Interview with Site Manager

A site manager was not identified to Rincon.

Interviews with Occupants

Because the project is a proposed alignment consisting mostly of vacant land, occupant interviews are not applicable.

Interviews with Local Government Officials

Fresno County eHazMat (CUPA) and Fresno County Department of Environmental Health

On October 8, 2019, Rincon spoke with both the CUPA and the County Environmental Health Department who indicated that all available environmental and hazardous materials documents are available through their online portal: http://www.fresnohealthinspections.org.

Records for the following sites were available for review through the online portal:

- **Vacant: 437 California Avenue.** Records pertaining to the former abandoned gasoline service station, including No Further Action correspondence
- C**alifornia West: 1435 West California Avenue**. Documents pertaining to Hazardous Materials Handler Farm Exemption, issued to Sang Gip
- **Ortega's Meat: 2316 Fruit Street**. UST closure file notes/correspondence; permits for AST and USTs; hazardous waster generator permits, payments, and correspondence; auto repair/maintenance model plans
- **Foster Farms Belgravia Plant: 900 Belgravia Avenue** . Permit for extremely hazardous waste generator and extremely hazardous substance handler, inspection reports, correspondence, business plans, and public notifications

Fresno Municipal Flood Control District (FMFCD)

On October 24, 2019, Rincon emailed the FMFCD to inquire about any maintenance records the FMFCD might have on file for the detention basin located north of the intersection of West Florence Avenue and South West Avenue. According to Mr. Anthony Zaragoza, Operations Engineer II for the FMFCD, "For this particular site, Basin "OO", we have maintained the site four times since 2002. The

four dates are: May 2002, August 2005, July 2010, April 2016." Rincon asked Mr. Zaragoza (by email on October 25, 2019) if the FMFCD sampled the "scraped" basin material during the last maintenance event, how the material was disposed, and whether the material was analyzed for constituents such as hydrocarbons and heavy metals. A response has not yet been received.

Site Reconnaissance

Rincon performed an unaccompanied reconnaissance of the proposed alignment on October 21, 2019. The purpose of the reconnaissance was to observe existing proposed alignment conditions and to obtain information indicating the presence of RECs in connection with the proposed alignment.

Methodology and Limiting Conditions

The site reconnaissance was conducted by:

1. Observing the proposed alignment from public thoroughfares,
2. Observing the adjacent properties from public thoroughfares,
3. Observing the proposed alignment from driveways, roads, and walking paths/sidewalks.

Current Use of the Property and Adjacent Properties

With the exception of the Fanning Ditch and Fresno Metropolitan Flood Control District ponding basin, the proposed alignment consists of undeveloped fields.

Past Use of the Property and Adjacent Properties

Based on our site reconnaissance, past uses at the proposed alignment and adjacent properties are not readily apparent.

Current or Past Uses in the Surrounding Areas

The proposed alignment is surrounded by residential, light industrial/commercial, vacant, and agricultural land uses as detailed in the Site Description section of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

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

General Description of Structures

Although there are no structures present in association with the proposed alignment, a tin-roof shed was observed on the western portion of the proposed alignment.

Roads

The proposed alignment/existing Fanning ditch runs between South West Avenue and South Thorne Avenue. The canal goes underground just east of Fruit Avenue and runs underground until west of West Avenue.

Sewage Disposal System

A sewage disposal system is not located at the proposed alignment.

Interior and/or Exterior Observations

Hazardous Substances and Petroleum Products in Connection with Identified Uses

No hazardous substances or petroleum products in connection with identified uses were observed along the proposed alignment.

Storage Tanks

During the site reconnaissance, no above- or below-ground storage tanks or evidence of underground storage tanks were observed on the proposed alignment.

Odors

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

Pools of Liquid

During the site reconnaissance, standing water (runoff) was observed in the Fanning Ditch leading to the Fresno Metropolitan Flood Control District ponding basin.

Drums

During the site reconnaissance, no drums were observed on the proposed alignment.

Hazardous Substances and Petroleum Products Containers Not in Connection with Identified Uses

Small amounts of hazardous substances products were identified at the proposed alignment as follows:

- One discarded paint can
- Five discarded tires
- A small container of motor oil was located near the tin-roof shack

Rincon did not observe indications of a release from the paint container.

Unidentified Substance Containers

No unidentified substance containers or unidentified containers that might contain hazardous substances were observed during the site reconnaissance.

Indications of Polychlorinated Biphenyls (PCBs)

Three PG&E transformers were observed along the proposed alignment as follows:

- South of Atchison, north side of the proposed alignment
- East of Delno Avenue, north side of the proposed alignment
- West of Fruit Avenue, north side of the alignment

Although it is unknown whether the transformed contained PCBs, there was no indication of a release in the vicinity of the transformers.

Other Conditions of Concern

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

- Stains or corrosion
- Stressed vegetation
- Stained soil or stained pavement
- Wells

Tin shed. A dilapidated tin shed structure was observed on the western portion of the subject property (Figure 2). The shed was too unstable to access.

Pits, Ponds, and Lagoons. Standing water (runoff) was observed in the Fanning Ditch leading to the Fresno Metropolitan Flood Control District ponding basin.

Solid Waste/Debris. Areas of scattered trash were noted during the reconnaissance. Most of the trash was dumped between Delno Avenue and Fruit Avenue. The discarded materials included a paint can and used motor vehicle tires.

Waste Water. Standing water (runoff) was observed in the Fanning Ditch leading to the Fresno Metropolitan Flood Control District ponding basin.

Evaluation

Findings

Known or suspect RECs associated with the proposed alignment include the following:

A. Historical presence of Fanning ditch and Fresno Metropolitan Flood Control District ponding basin
B. Historical adjacent agricultural and industrial land use
C. Two former upgradient and adjacent release cases (437 and 317 West California Avenue) as well as associated Fresno Housing Authority Brownfields sites (205-437 West California Avenue and 2141 South Fruit Avenue)
D. Southern adjacent USTs and ASTs: Zacky Farms/Foster Farms Belgravia Plant (900 West Belgravia Avenue) and Ortega's Meat, Harvey By-Products Co. (2316 South Fruit Avenue)
E. Nearby Triangle Cleaners (50 Fresno Street)

Opinions

A. **Historical presence of the Fanning ditch and Fresno Metropolitan Flood Control District ponding basin.** According to historical maps, the drainage channel currently occupied by Fanning ditch can be dated as far back as 1923. It is our understanding that the proposed project will include an asphalt paved trail, new street and trail lights, curb and gutter, new ADA compliant curb ramps, and landscaping, all of which will be constructed adjacent to the ditch. Addiitonally, we undertand that proposed constuction includes earthwork to regrade the adjacent FMFCD ponding basin located northeast of the intersection of West Florence Avenue and South West Avenue. It is possible that contaminants such as OCPs, hydrocarbons, VOCs, PCBs, and heavy metals may exist within the ditch and ponding basin, as a result of runoff from offsite industrial and agricultrual sources. Therefore, the presence of the ditch and ponding basin is considered a *Recognized Environmental Conditon* with regard to the current construction scope.

B. **Historical adjacent agricultural and industrial land use**. Review of aerial photographs indicate that properties adjacent to the proposed alignment have historically been used for both agricultural and industrial purposes. Based on the historical adjacent land uses for both agricultural and indistrial purposes, there is the possibly for contaminants such as OCPs, hydrocarbons, VOCs, PCBs, and heavy metals to exist in shallow soil along the proposed alignment. Therefore, the adjacent historical land use is considered a *Recognized Environmental Conditon* with regard to the current construction scope.

C. **Two former upgradient and adjacent release cases (437 and 317 West California Avenue) as well as associated Fresno Housing Authority Brownfields sites (205-437 West California Avenue and 2141 South Fruit Avenue).** The former adjacent Sunset Gulf Service Center/Walker and Hood site (437 California Avenue) is associated with gasoline impacts to soil, soil vapor, and groundwater. Site assessment and remediation were conducted, and a soil vapor extraction system removed about 13,500 pounds of gasoline from the subsurface. A case closure letter was issued by the Central Valley RWQCB on April 29, 2010 (Appendix D).The Central Valley RWQCB

determined that the majority of the petroleum hydrocarbons released at the site have been removed and "The residual levels of petroleum hydrocarbons are not sufficient to cause health concerns for the public and are not a threat to groundwater…".

The former adjacent Auto Dismantling facility (317 West California Avenue) is associated with elevated levels of heavy metals, copper, lead, PCBs, and PAHs. The potential media of concern were reported as soil and soil vapor. Site assessment and remediation were conducted, and the City of Fresno Redevelopment Agency excavated roughly 1,590 tons of impacted soil for offsite disposal. The Central Valley RWQCB issued a case closure letter on October 25, 2011 (Appendix D) which states that "Any remaining residual levels of constituents of concern are not sufficient to cause health concerns for the public and are not a threat to groundwater."

Correspondence between the City of Fresno Redevelopment Agency and the Central Valley RWQCB (available online through CUPA), indicates that the Brownfields site listings are a result of the Fresno Housing Authority's proposal to redevelop the former release properties (summarized above) as low-income housing.

Although there may be the potential for residual impacts or runoff from these sites to exist within the proposed alignment, because the former release cases have been "closed" under the oversight of the Central Valley RWQCB, the former adjacent releases are considered a *Notable Finding.*

D. **Southern adjacent USTs and ASTs: Zacky Farms/Foster Farms Belgravia Plant (900 West Belgravia Avenue) and Ortega's Meat, Harvey By-Products Co. (2316 South Fruit Avenue).** Zacky's Farms is currently occupied by Fosters Poultry Farms. The UST listings indicate that the facility is associated with two, 12,000-gallon diesel fuel USTs and up to nine historical USTs. Online CUPA documents indicate that the two former 12,000-gallon USTs were removed in 1998; however, no other information regard historical or current USTs was available. Ortega's Meat is associated with a 1,320-gallon AST with contents unknown. The UST listings indicate that the site is associated with at least three USTs as follows: two 4,000-gallon fuel USTs and at least one 4,000-gallon diesel UST. Neither of the facilities were listed on an unauthorized release database or GeoTracker. However, based on the proximity of the facilities to the proposed alignment, the adjacent USTs/AST are considered a *Notable Finding*.

E. **Nearby Triangle Cleaners (50 Fresno Street). Triangle Cleaners – 50 Fresno Street**. This property is located approximately 365 feet to the east-northeast of the proposed alignment, across West California Avenue. According to EDR, Triangle Cleaners operated in 1970 as a cleaners and dyers (EDR Hist Cleaners). It is unknown if Triangle Cleaners operated as a dry-cleaning facility. The facility was not identified on the US EPA FINDs online databases, nor was the facility listed on a release database. Since there is the potential for an unreported solvent release to have occurred and based on the upgradient location of the former cleaner with respect to the proposed alignment, the historical cleaner is considered a *Notable Finding.*

Conclusions

Rincon has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 for the proposed alignment located along the Fanning Ditch alignment between South West Avenue and South Thorne Avenue in Fresno, California. Any exceptions to, or deletions from, this practice are described in the Deviations section of this report.

This assessment has revealed evidence of two Recognized Environmental Conditions and three Notable Findings in connection with the proposed alignment as follows:

Recognized Environmental Conditions

1. Historical presence of the Fanning ditch and Fresno Metropolitan Flood Control District ponding basin
2. Historical adjacent agricultural and industrial land use

Notable Findings

1. Two former upgradient and adjacent release cases (437 and 317 West California Avenue) as well as associated Fresno Housing Authority Brownfields sites (205-437 West California Avenue and 2141 South Fruit Avenue)
2. Nearby Triangle Cleaners (50 Fresno Street)
3. Southern adjacent USTs and ASTs: Zacky Farms/Foster Farms Belgravia Plant (900 West Belgravia Avenue) and Ortega's Meat, Harvey By-Products Co. (2316 South Fruit Avenue)

Recommendations

To evaluate the potential impacts along the proposed alignment and ponding basin, we recommend soil samples be collected in areas of proposed soil disturbance and excavations.

Due to the historical use of the adjacent properties and the proximity of the proposed alignment to several former release cases with residual impacts, shallow soil samples should be analyzed for OCPs, heavy metals, TPH, and VOCs. If deeper excavations are planned in the vicinity of the drainage pond, then additional soil or sediment samples should be collected from the total depth of the planned excavations.

Based on the results of the soil sample laboratory analysis, special handing of excavated soil may be warranted and a Soil Management Plan (SMP) may be recommended.

Deviations

Deviations from ASTM E1527-13 practice were not encountered during the completion of this Phase I ESA.

References

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

Aerial Photographs

Photos provided by Environmental Data Resources, Inc. (EDR), report dated October 7, 2019.

City Directory Listings

Listings provided by EDR on October 7, 2019.

Environmental Database

EDR report dated October 4, 2019.

Geology

California Geologic Survey (CGS), *California Geomorphic Provinces Note 36*, December 2002. Accessed October 8, 2019.

Matthews, R.A., and Burnett, J.L., 1965. Geologic Map of California: Fresno sheet.

Groundwater

California Department of Water Resources (DWR), *California's Groundwater Bulletin 118*, 2003, http://www.water.ca.gov/groundwater/bulletin118/publications.cfm. Accessed October 9, 2019.

RWQCB online database (GeoTracker). Accessed October 2019.

Historical Topographic Maps

Maps provided by EDR on October 4, 2019.

Oil and Gas Records

State of California, Division of Oil, Gas, and Geothermal Resources (DOGGR) website: http://www.consrv.ca.gov/DOG/index.html. Accessed October 2019.

Pipelines

National Pipeline Mapping System (NPMS) Public Map Viewer: https://www.npms.phmsa.dot.gov/PublicViewer/. Accessed October 2019.

Topography

USGS topographic map (Fresno South Quadrangle, 1981).

Other

Department of Toxic Substances Control (DTSC) online EnviroStor database: http://www.envirostor.dtsc.ca.gov/public/. Accessed October 2019.

CalEPA Regulated Site Portal: https://siteportal.calepa.ca.gov/nsite/. Accessed October 9, 2019.

Signatures of Environmental Professionals

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

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



Signature

October 30, 2019
Date

Walt Hamann, PG, CEG, CHG
Name

Vice President
Title



Signature

October 30, 2019
Date

Meghan Hearne, GIT
Name

Environmental Scientist/Project Manager
Title

Qualifications of Environmental Consultants

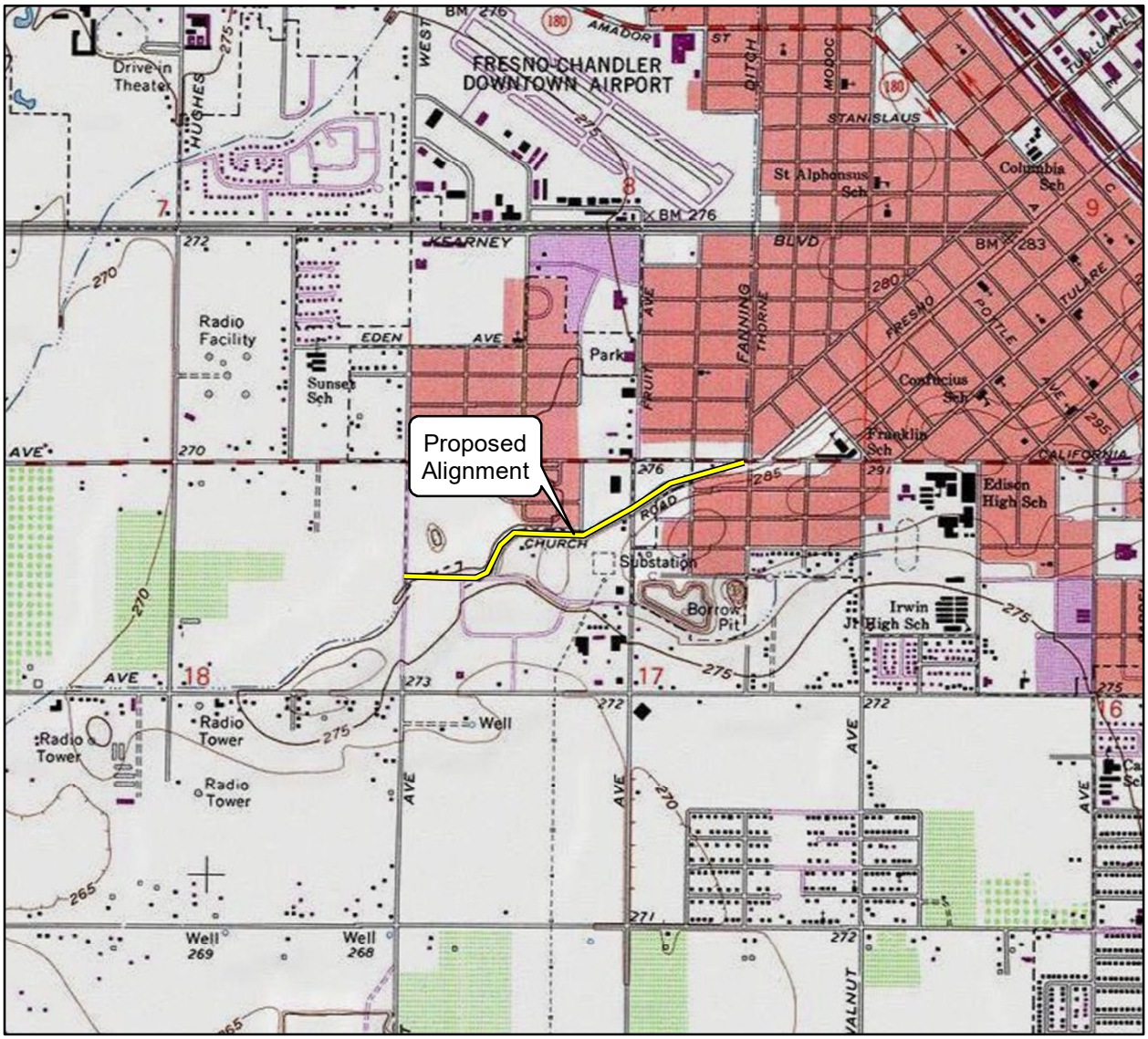
The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Walt Hamann and Meghan Hearne. Their qualifications are summarized below.

Environmental Professional Qualifications	**X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience**	**X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries**	**X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience**	**X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience**
Walt Hamann	PG		MS Geology	36 years
Meghan Hearne	GIT		MS Geology	15 years

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

Meghan Hearne is an Environmental Scientist with Rincon Consultants. She holds a Master of Science degree in Geology from the University of North Carolina at Wilmington. Ms. Hearne has experience working on geotechnical investigations, Phase I and Phase II Environmental Site Assessments, and remediation projects for a variety of commercial, rural, and industrial properties. Ms. Hearne's responsibilities at Rincon include implementation of Phase I and Phase II Environmental Site Assessments, reporting, and project management.

Figures



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Scale in Feet

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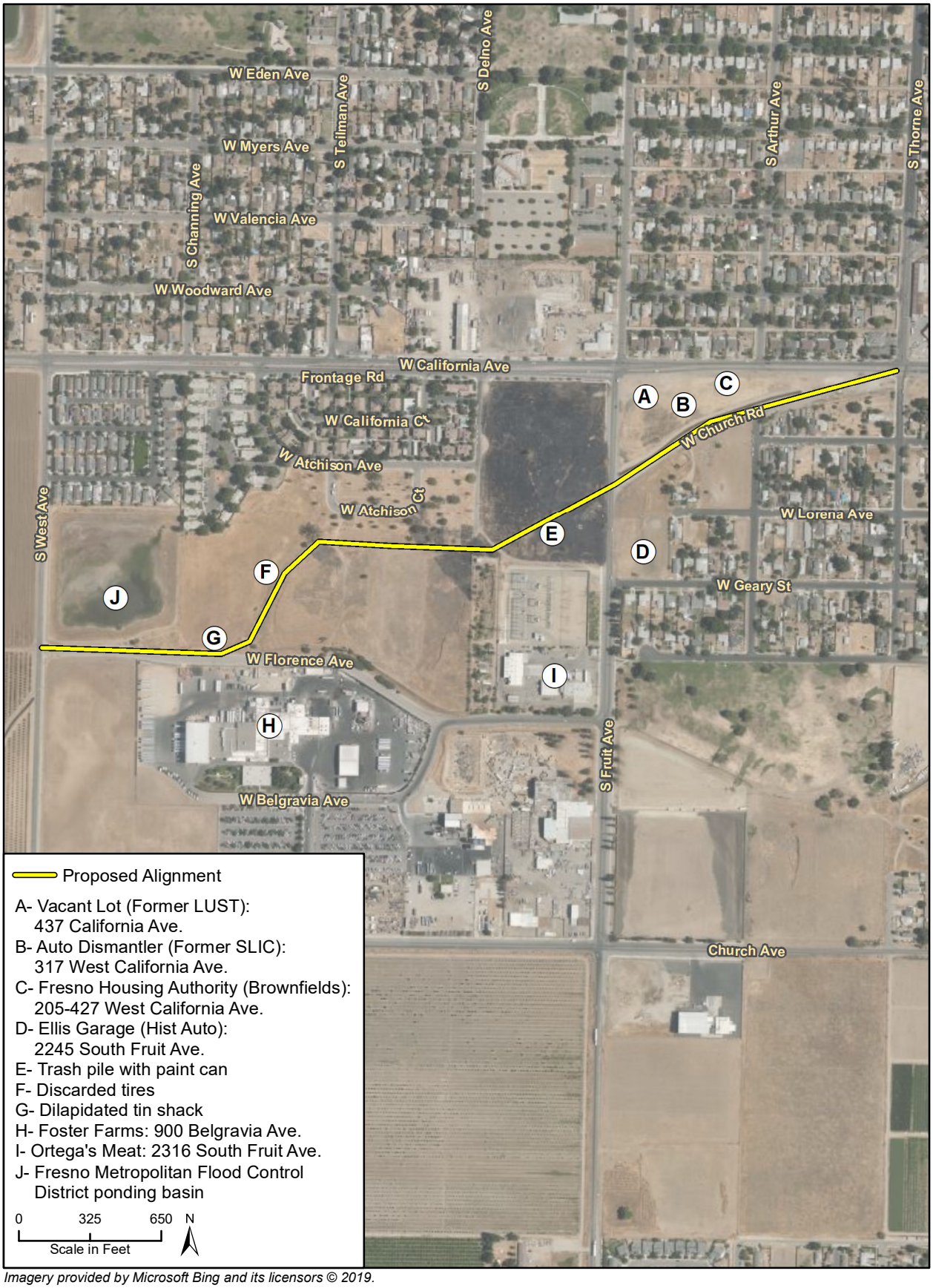
Vicinity Map

Figure 1



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Site Map

Figure 2



Imagery provided by Microsoft Bing and its licensors © 2019.

Adjacent Land Use Map

Figure 3



Photograph 1. View of the western end of the proposed alignment along Florence Avenue, facing east.



Photograph 2. View of the tin shack located on the western-central portion of the proposed alignment, facing northeast.



Photograph 3. View of the section of the alignment in between Florence and Atchison Avenues, facing northeast.



Photograph 4. View of a section of the proposed alignment south of Atchison Avenue, facing east.



Photograph 5. View of a trash pile with paint can south of Delno Avenue, facing south.



Photograph 6. View of a section of the proposed alignment between Delno and Fruit Avenues, facing southwest.



Photograph 7. View of a section of the proposed alignment between Fruit and Thorne Avenues, facing northeast.



Photograph 8. View of Fanning Ditch north of Church Road, facing northeast.



Photograph 9. View of a section of the alignment located east of Thorne Avenue and south of California Avenue, facing southwest.



Photograph 10. View of the southern adjacent power station, facing south.



Photograph 11. View of the intersection of Fresno Street, California Avenue, and South Thorne Avenue, facing northeast.



Photograph 12. View of typical adjacent residential land use.

Appendix A

Interview Documentation

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

User Questionnaire

Rincon Project Number: _____

Site Name and Full Address: _____

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and email it to Meghan Hearne at mhearne@rinconconsultants.com within one week from the date of this transmittal.

Project Description

1. **Why is the Phase I ESA required or being performed?**

2. **What type of property transaction is planned? (i.e. sale, purchase, exchange)**

3. **What is the entire site address?**

4. **What is the Assessor's Parcel Number(s)?**

5. **Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)**

Rincon Project Number: _____

Site Name and Full Address: _____

6. **Identify all parties who will rely on the Phase I report.**

7. **Identify the Site Manager/Contact and how the contact can be reached.**

8. **Identify the Site Owner and how the owner can be reached.**

9. **Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. title report, previous Ph I and II ESAs, Environmental Impact Studies)?**

Rincon Project Number: _____

Site Name and Full Address: _____

Subject Property Information

1. **Did a search of recorded land title records (or judicial records, where appropriate) identify any environmental liens filed or recorded against the property?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the records and **do not know** if there are any filed or recorded environmental liens.

☐ I **have** reviewed the records, and **No, there aren't any** filed or recorded environmental liens.

☐ I **have** reviewed the records, and **Yes, there are** environmental liens. Explain:

2. **Did a search of recorded land title records (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.

☐ I **have** reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.

☐ I **have** reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:

3. **Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.

☐ I **have** reviewed the Title Report, and **No, it does not provide** environmental cleanup liens or AULs information..

☐ I **have** reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

4. **Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?**

Please mark the box with the most appropriate response:

☐ **No,** I **do not** have any specialized knowledge and/or experience related to the property or nearby properties.

☐ Yes, I **do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. **As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?**

Please mark the box with the most appropriate response:

☐ **No,** I **do not** have any information about a reduction in property value relative to environmental issues.

☐ **Yes**, I **do** have information about a reduction in property value relative to environmental issues. Explain:

6. **Does the purchase price being paid for this property reasonably reflect the fair market value of the property?**

Please mark the box with the most appropriate response:

☐ **Yes**, I **do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.

☐ **No**, I **do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

   a. **If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)**

      Please mark the box with the most appropriate response

      ☐ **No**, I **have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.

      ☐ **Yes**, I **have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

Please mark the box with the most appropriate response:

a. Do you know the past uses of the property?

☐ I **do not** know.

☐ I **do** know. Explain:

b. Do you know of specific chemicals are present or once were present at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

c. Do you know of any spills or other chemical releases that have taken place at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

d. Do you know of any environmental cleanups have taken place at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

8. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Please mark the box with the most appropriate response:

☐ **No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.

☐ **Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

9. **Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.

☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

10. **Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.

☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

11. **Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products..

☐ **Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

This questionnaire was completed by (please print)

Name _____

Title _____

Firm _____

Street Address _____

City, State, Zip Code _____

Phone Number _____

Fax Number _____

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? _____

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: _____ @rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ Date _____

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

Property Owner Interview Questionnaire

Rincon Project Number: _____

Site Name and Full Address: _____

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form via fax at (760) 918-9444 or email to us at mhearne@rinconconsultants.com within one week from the date of this transmittal.

---

1. Was the subject property or any adjoining property ever used as:

- ☐ a gasoline or other fueling station
- ☐ a motor vehicle repair facility
- ☐ a commercial printing facility
- ☐ a dry cleaners
- ☐ a photo developing laboratory
- ☐ a metal plating facility
- ☐ a farm
- ☐ a junkyard or landfill
- ☐ a waste treatment, storage, disposal, processing or recycling facility
- ☐ a machine shop
- ☐ a manufacturing facility
- ☐ an oil production facility (including oil wells)
- ☐ any other industrial use

Please check all that apply above and describe:

2. Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.

2a. Current Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2b. Current Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

Rincon Project Number: _____

Site Name and Full Address: _____

2c. Current Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2d. Current Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2e. Current Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3. Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.

3a. Previous Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3b. Previous Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

Rincon Project Number: _____

Site Name and Full Address: _____

3c. Previous Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3d. Previous Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3e. Previous Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

4. Who is the current owner of the property?

_____

5. When did current ownership begin?

_____

6. What is the age of the on-site facility?

_____

7. Who is the previous owner of the property?

_____

8. Please indicate the property's current:

Electrical service provider _____

Natural Gas service provider _____

Water service provider _____

Sewer service provider _____

Solid waste hauler _____

Rincon Project Number: _____

Site Name and Full Address: _____

9. **To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)**

☐ Damaged or discarded automotive or industrial batteries	
☐ Paints	
☐ Oils or solvents	
☐ Motor vehicle fleet	
☐ Pesticides or herbicides	
☐ Other chemicals or hazardous substances	

10. **Please indicate any wastes generated at the facility:**

Hazardous Waste	Quantity	Disposal Method

11. **Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

12. **Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

13. **Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

14. **Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

15. **Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

16. **Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

17. **Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

18. **If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

19. Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

20. To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

21. Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)

☐ Hazardous substances	
☐ Petroleum products	
☐ Unidentified waste materials	
☐ Tires	
☐ Automotive or industrial batteries	
☐ Other waste materials (please describe)	

22. Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

23. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

24. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

25. Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

26. Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

27. Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

28. Do you have any knowledge of any environmental site assessments of the property or facility?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

29. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

30. Are there any site-specific geotechnical or geologic reports available for the subject property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

31. Is there a Title Report available for the subject property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

This questionnaire was completed by (please print)

Name _____

Title _____

Firm _____

Street Address _____

City, State, Zip Code _____

Phone Number _____

Fax Number _____

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? _____

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: mhearne@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ Date _____

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

Property Owner Interview Questionnaire

Rincon Project Number: _____

Site Name and Full Address: _____

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form via fax at (760) 918-9444 or email to us at mhearne@rinconconsultants.com within one week from the date of this transmittal.

---

1. Was the subject property or any adjoining property ever used as:

- ☐ a gasoline or other fueling station
- ☐ a motor vehicle repair facility
- ☐ a commercial printing facility
- ☐ a dry cleaners
- ☐ a photo developing laboratory
- ☐ a metal plating facility
- ☐ a farm
- ☐ a junkyard or landfill
- ☐ a waste treatment, storage, disposal, processing or recycling facility
- ☐ a machine shop
- ☐ a manufacturing facility
- ☐ an oil production facility (including oil wells)
- ☐ any other industrial use

Please check all that apply above and describe:

2. Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.

2a. Current Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2b. Current Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

Rincon Project Number: _____

Site Name and Full Address: _____

2c. Current Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2d. Current Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

2e. Current Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3. Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.

3a. Previous Use of Subject Property:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3b. Previous Use of Northern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

Rincon Project Number: _____

Site Name and Full Address: _____

3c. Previous Use of Southern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3d. Previous Use of Western Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

3e. Previous Use of Eastern Adjoining Properties:

Please check all that apply:	Please include a brief description of current operation:
☐ Commercial (retail, offices, etc.) ☐ Residential (single family or apartments) ☐ Industrial (manufacturing, warehousing, processing) ☐ Other- Please Describe	

4. Who is the current owner of the property?

_____

5. When did current ownership begin?

_____

6. What is the age of the on-site facility?

_____

7. Who is the previous owner of the property?

_____

8. Please indicate the property's current:

Electrical service provider _____

Natural Gas service provider _____

Water service provider _____

Sewer service provider _____

Solid waste hauler _____

Rincon Project Number: _____

Site Name and Full Address: _____

9. **To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)**

☐ Damaged or discarded automotive or industrial batteries	
☐ Paints	
☐ Oils or solvents	
☐ Motor vehicle fleet	
☐ Pesticides or herbicides	
☐ Other chemicals or hazardous substances	

10. **Please indicate any wastes generated at the facility:**

Hazardous Waste	Quantity	Disposal Method

11. **Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

12. **Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

13. **Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

14. **Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

15. **Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

16. **Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

17. **Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

18. **If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?**

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

19. Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

20. To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

21. Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)

☐ Hazardous substances	
☐ Petroleum products	
☐ Unidentified waste materials	
☐ Tires	
☐ Automotive or industrial batteries	
☐ Other waste materials (please describe)	

22. Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

23. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

24. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

25. Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

26. Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

27. Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

28. Do you have any knowledge of any environmental site assessments of the property or facility?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

29. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

Rincon Project Number: _____

Site Name and Full Address: _____

30. Are there any site-specific geotechnical or geologic reports available for the subject property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

31. Is there a Title Report available for the subject property?

☐ Yes ☐ No ☐ Unknown	If Yes or Unknown, please describe:

This questionnaire was completed by (please print)

Name _____

Title _____

Firm _____

Street Address _____

City, State, Zip Code _____

Phone Number _____

Fax Number _____

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? _____

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: mhearne@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ Date _____

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

User Questionnaire

Rincon Project Number: _____

Site Name and Full Address: _____

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and email it to Meghan Hearne at mhearne@rinconconsultants.com within one week from the date of this transmittal.

Project Description

1. **Why is the Phase I ESA required or being performed?**

2. **What type of property transaction is planned? (i.e. sale, purchase, exchange)**

3. **What is the entire site address?**

4. **What is the Assessor's Parcel Number(s)?**

5. **Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)**

Rincon Project Number: _____

Site Name and Full Address: _____

6. **Identify all parties who will rely on the Phase I report.**

7. **Identify the Site Manager/Contact and how the contact can be reached.**

8. **Identify the Site Owner and how the owner can be reached.**

9. **Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. title report, previous Ph I and II ESAs, Environmental Impact Studies)?**

Rincon Project Number: _____

Site Name and Full Address: _____

Subject Property Information

1. **Did a search of recorded land title records (or judicial records, where appropriate) identify any environmental liens filed or recorded against the property?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the records and **do not know** if there are any filed or recorded environmental liens.

☐ I **have** reviewed the records, and **No, there aren't any** filed or recorded environmental liens.

☐ I **have** reviewed the records, and **Yes, there are** environmental liens. Explain:

2. **Did a search of recorded land title records (or judicial records, where appropriate) identify any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.

☐ I **have** reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.

☐ I **have** reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:

3. **Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?**

Please mark the box with the most appropriate response:

☐ I **have not** reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.

☐ I **have** reviewed the Title Report, and **No, it does not provide** environmental cleanup liens or AULs information..

☐ I **have** reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

4. **Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?**

Please mark the box with the most appropriate response:

☐ **No,** I **do not** have any specialized knowledge and/or experience related to the property or nearby properties.

☐ Yes, I **do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. **As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?**

Please mark the box with the most appropriate response:

☐ **No,** I **do not** have any information about a reduction in property value relative to environmental issues.

☐ **Yes**, I **do** have information about a reduction in property value relative to environmental issues. Explain:

6. **Does the purchase price being paid for this property reasonably reflect the fair market value of the property?**

Please mark the box with the most appropriate response:

☐ **Yes**, I **do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.

☐ **No**, I **do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

   a. **If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)**

      Please mark the box with the most appropriate response

      ☐ **No**, I **have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.

      ☐ **Yes**, I **have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

Please mark the box with the most appropriate response:

a. Do you know the past uses of the property?

☐ I **do not** know.

☐ I **do** know. Explain:

b. Do you know of specific chemicals are present or once were present at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

c. Do you know of any spills or other chemical releases that have taken place at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

d. Do you know of any environmental cleanups have taken place at the property?

☐ I **do not** know.

☐ I **do** know. Explain:

8. Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Please mark the box with the most appropriate response:

☐ **No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.

☐ **Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

9. **Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.

☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

10. **Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.

☐ **Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

11. **Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?**

Please mark the box with the most appropriate response:

☐ **No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products..

☐ **Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:

Rincon Project Number: _____

Site Name and Full Address: _____

This questionnaire was completed by (please print)

Name _____

Title _____

Firm _____

Street Address _____

City, State, Zip Code _____

Phone Number _____

Fax Number _____

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? _____

Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:

Rincon Consultants, Inc.
Attention: Environmental Site Assessment Division
2215 Faraday Avenue, Suite A
Carlsbad, CA 92008
Fax: (760) 918-9444
Email: _____ @rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature _____ Date _____

Appendix B

Regulatory Records Search

SW Green Trail Alignment
SW Green Trail Alignment
Fresno, CA 93706

Inquiry Number: 05817016.2r
October 04, 2019

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SW GREEN TRAIL ALIGNMENT
FRESNO, CA 93706

COORDINATES

Latitude (North):	36.7190080 - 36° 43' 8.42''
Longitude (West):	119.8196980 - 119° 49' 10.91''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	248158.9
UTM Y (Meters):	4067206.2
Elevation:	283 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5603172 FRESNO SOUTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140619
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SW GREEN TRAIL ALIGNMENT
FRESNO, CA 93706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	FRESNO MUNICIPAL SAN	SW COR OF JENSEN & W	NPL, SEMS, US ENG CONTROLS, US INST CONTROL, ROD,..	Same	3964, 0.751, South
A1	KLUDJIAN SERVICE	205 W CALIFORNIA A	EDR Hist Auto	Lower	62, 0.012, ENE
A2	FRESNO HOUSING AUTHO	205-437 W. CALIFORNI	US BROWNFIELDS, FINDS	Lower	72, 0.014, ENE
3	AUTO DISMANTLER (FOR	317 WEST CALIFORNIA	CPS-SLIC, CERS	Lower	173, 0.033, NE
4	JOE & OLLIES SERVICE	9 E ATCHISON	EDR Hist Auto	Higher	196, 0.037, ENE
B5	PG&E WEST FRESNO SUB	2260 S FRUIT AVE	CUPA Listings	Higher	203, 0.038, East
B6	ELLIS GARAGE	2245 S FRUIT AVE	EDR Hist Auto	Higher	213, 0.040, East
C7	317 CA SITE CLEANUP	2141 SOUTH FRUIT AVE	US BROWNFIELDS, FINDS	Lower	215, 0.041, NE
8	SNAKE ROAD DISP SITE	N SIDE FLORENCE AV,	SWF/LF, CERS	Higher	246, 0.047, SE
D9	TRIANGLE CLEANERS	50 FRESNO ST	EDR Hist Cleaner	Higher	273, 0.052, ENE
C10	SUNSET GULF SERVICE	437 W CALIFORNIA A	EDR Hist Auto	Lower	331, 0.063, NE
C11	WALKER & HOOD	437 W CALIFORNIA	SWEEPS UST, HIST UST, CA FID UST, CUPA Listings	Lower	331, 0.063, NE
C12	WALKER & HOOD	437 W CALIFORNIA AVE	HIST UST	Lower	331, 0.063, NE
B13	VERIZON WIRELESS WES	2290 S FRUIT AVE	CUPA Listings	Higher	340, 0.064, ESE
C14	VACANT LOT (ABD S/S)	437 CALIFORNIA	LUST, HIST CORTESE, CERS	Lower	354, 0.067, NE
D15	CRICKET COMMUNICATIO	54 E CALIFORNIA AVE	CUPA Listings	Higher	372, 0.070, ENE
E16	COUNTRYWIDE BUILDING	19 FRESNO ST	CUPA Listings	Lower	387, 0.073, ENE
17	A&A AUTO WRECKING	410 W GEARY	CUPA Listings	Higher	437, 0.083, East
18	T-MOBILE CELL SITE S	69 FRESNO ST	CUPA Listings	Higher	552, 0.105, ENE
E19	CITY OF FRESNO WELL	1247 COBB AVE	CUPA Listings, CERS	Lower	650, 0.123, ENE
F20	FOSTER FARMS BELGRAV	900 W BELGRAVIA	AST	Lower	684, 0.130, SSW
F21	ZACKY FARMS PROCESSI	900 WEST BELGRAVIA	HIST UST, CHMIRS	Lower	684, 0.130, SSW
F22	ZACKY FARMS	900 W BELGRAVIA AVE	RCRA-SQG, SWEEPS UST, HIST UST, CA FID UST,...	Lower	684, 0.130, SSW
F23	FOSTER FARMS BELGRAV	900 WEST BELGRAVIA A	AST	Lower	684, 0.130, SSW
F24	FOSTER FARMS BELGRAV	900 WEST BELGRAVIA A	CERS HAZ WASTE, CERS TANKS, CERS	Lower	684, 0.130, SSW
F25	FOSTER FARMS BELGRAV	900 W BELGRAVIA AVE	RCRA NonGen / NLR	Lower	684, 0.130, SSW
G26	ORTEGA'S MEAT	2316 S FRUIT	AST	Higher	687, 0.130, SE
G27	HARVEY BY-PRODUCTS C	2316 S FRUIT AVE	SWEEPS UST, CA FID UST	Higher	687, 0.130, SE
G28	ORTEGA'S MEAT	2316 S FRUIT AVE	CUPA Listings	Higher	687, 0.130, SE
G29	HARVEY BY-PRODUCTS C	2316 S FRUIT AVE	HIST UST	Higher	687, 0.130, SE
G30	PETERSON MFG. CO.	2354 S FRUIT	SWEEPS UST, CA FID UST, EMI	Higher	825, 0.156, SE
G31	PETERSON MFG. CO.	2354 S FRUIT AVE	HIST UST	Higher	825, 0.156, SE
H32	SUBURBAN STEEL	706 W CALIFORNIA AVE	CUPA Listings, CERS	Lower	859, 0.163, NNW
H33	SUBURBAN STEEL INC.	706 W CALIFORNIA AVE	HIST UST	Lower	859, 0.163, NNW
H34	SUBURBAN STEEL INC.	706 W CALIFORNIA AVE	SWEEPS UST, CA FID UST	Lower	859, 0.163, NNW
H35	SUBURBAN STEEL INC	706 WEST CALIFORNIA	HIST UST	Lower	859, 0.163, NNW
36	HYDE PARK DISPOSAL S	S FRUIT & FLORENCE A	SWF/LF, CUPA Listings, CERS	Higher	881, 0.167, SE
G37	SOUTHFIELD BEEF PACK	2356 S FRUIT	CUPA Listings	Higher	887, 0.168, SE
G38	SOUTHFIELD BEEF	2356 S FRUIT AVE	SWEEPS UST, CA FID UST	Higher	887, 0.168, SE

MAPPED SITES SUMMARY

Target Property Address:
SW GREEN TRAIL ALIGNMENT
FRESNO, CA 93706

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G39	SNAKE ROAD DISPOSAL	S FRUIT & FLORENCE A	CUPA Listings	Higher	892, 0.169, SE
I40	FAMILY DOLLAR #11898	238 E CALIFORNIA AVE	CERS HAZ WASTE, CERS	Higher	1033, 0.196, ENE
I41	FAMILY DOLLAR # 1189	238 EAST CALIFORNIA	RCRA NonGen / NLR	Higher	1033, 0.196, ENE
J42	M.D. WESSON DISPOSAL	NE COR W. CHURCH AVE	SWF/LF, CERS	Lower	1049, 0.199, SW
43	CITY OF FRESNO WELL	1151 W CALIFORNIA AV	CUPA Listings, CERS	Lower	1102, 0.209, WNW
44	PRIVATE RESIDENCE	204 FRESNO ST	CUPA Listings	Higher	1139, 0.216, ENE
J45	BUSSETO FOODS, INC	1090 W CHURCH AVE	CERS HAZ WASTE, CERS	Lower	1195, 0.226, SW
J46	BUSSETO FOODS INC	1090 W CHURCH AVE	CUPA Listings, NPDES, CIWQS	Lower	1195, 0.226, SW
J47	BUSSETO FOODS INC	1090 W CHURCH AVE	RCRA NonGen / NLR	Lower	1195, 0.226, SW
K48	CITY OF FRESNO WELL	2363 S WEST AVE	CUPA Listings, CERS	Lower	1205, 0.228, SW
49	PARCEL 477-161-16T;	46 E. FLORENCE AVENU	US BROWNFIELDS, FINDS	Higher	1238, 0.234, ESE
K50	M D WESSON DISPOSAL	W CHURCH & WEST AVE	CUPA Listings	Lower	1278, 0.242, SW
L51	DARLING INGREDIENTS	795 W BELGRAVIA	AST, CERS HAZ WASTE, CERS TANKS, CUPA Listings,...	Lower	1284, 0.243, South
L52	DARLING INGREDIENTS	795 W BELGRAVIA	RCRA NonGen / NLR	Lower	1284, 0.243, South
53	ERICKSON EQUIPMENT I	850 W CHURCH	RCRA NonGen / NLR	Lower	1296, 0.245, SSW
M54	SANG GIP	1435 W CALIFORNIA AV	CUPA Listings	Lower	1308, 0.248, WNW
M55	CALIFORNIA/WEST SITE	1435 WEST CALIFORNIA	ENVIROSTOR, SCH, CERS	Lower	1308, 0.248, WNW
56	CHURCH AND FRUIT JUN	CHURCH & FRUIT AVENU	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED, HIST...	Higher	1331, 0.252, SE
N57	VACANT LOT APN 477-1	2385 S. FRUIT AVENUE	US BROWNFIELDS	Lower	1570, 0.297, SSE
N58	CHURCH & FRUIT JUNKY		CPS-SLIC	Lower	1646, 0.312, SSE
59	FRESNO TIRE WHOLESAL	457 FRESNO	LUST, HIST CORTESE, CERS	Higher	2196, 0.416, ENE
60	11-ACRE BALL FIELD	FLORENCE AVENUE/LEE	ENVIROSTOR, SCH, CERS	Lower	3855, 0.730, East
61	FRESNO SANITARY LAND	SW CORNER OF JENSEN	ENVIROSTOR, HIST Cal-Sites, DEED	Lower	4962, 0.940, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

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

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-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 CONTROL ---------- Sites with Institutional Controls

EXECUTIVE SUMMARY

Federal ERNS list

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
UST ---------- Active UST Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information

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
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
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing

PROC Certified Processors Database
Notify 65 Proposition 65 Records
UIC UIC Listing
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
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

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

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/19/2019 has revealed that there is 1 NPL

site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FRESNO MUNICIPAL SAN	***SW COR OF JENSEN & W***	***S 1/2 - 1 (0.751 mi.)***	***0***	***8***
Cerclis ID:: 901854				
EPA Id: CAD980636914				

Federal RCRA generators list

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ZACKY FARMS	***900 W BELGRAVIA AVE***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F22***	***54***
EPA ID:: CAD982467714				

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHURCH AND FRUIT JUN	***CHURCH & FRUIT AVENU***	***SE 1/4 - 1/2 (0.252 mi.)***	***56***	***139***
Database: RESPONSE, Date of Government Version: 04/29/2019				
Status: Certified O&M - Land Use Restrictions Only				
Facility Id: 10490090				

State- and tribal - equivalent CERCLIS

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

characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHURCH AND FRUIT JUN	***CHURCH & FRUIT AVENU***	***SE 1/4 - 1/2 (0.252 mi.)***	***56***	***139***
Facility Id: 10490090				
Status: Certified O&M - Land Use Restrictions Only				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA/WEST SITE	***1435 WEST CALIFORNIA***	***WNW 1/8 - 1/4 (0.248 mi.)***	***M55***	***135***
Facility Id: 60001159				
Status: Inactive - Needs Evaluation				
11-ACRE BALL FIELD	***FLORENCE AVENUE/LEE***	***E 1/2 - 1 (0.730 mi.)***	***60***	***161***
Facility Id: 10000005				
Status: No Action Required				
FRESNO SANITARY LAND	***SW CORNER OF JENSEN***	***SSW 1/2 - 1 (0.940 mi.)***	***61***	***164***
Facility Id: 10490097				
Status: Active				

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

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

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SNAKE ROAD DISP SITE	***N SIDE FLORENCE AV,***	***SE 0 - 1/8 (0.047 mi.)***	***8***	***35***
Database: SWF/LF (SWIS), Date of Government Version: 05/13/2019				
Facility ID: 10-CR-0013				
Operational Status: Closed				
Regulation Status: Pre-regulations				
HYDE PARK DISPOSAL S	***S FRUIT & FLORENCE A***	***SE 1/8 - 1/4 (0.167 mi.)***	***36***	***87***
Database: SWF/LF (SWIS), Date of Government Version: 05/13/2019				
Facility ID: 10-CR-0059				
Operational Status: Closed				
Regulation Status: To Be Determined				

Lower Elevation	Address	Direction / Distance	Map ID	Page
M.D. WESSON DISPOSAL	***NE COR W. CHURCH AVE***	***SW 1/8 - 1/4 (0.199 mi.)***	***J42***	***94***
Database: SWF/LF (SWIS), Date of Government Version: 05/13/2019				
Facility ID: 10-CR-0056				
Operational Status: Closed				
Regulation Status: Pre-regulations				

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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 are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FRESNO TIRE WHOLESAL	***457 FRESNO***	***ENE 1/4 - 1/2 (0.416 mi.)***	***59***	***159***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0601900500				

Lower Elevation	Address	Direction / Distance	Map ID	Page
VACANT LOT (ABD S/S)	***437 CALIFORNIA***	***NE 0 - 1/8 (0.067 mi.)***	***C14***	***43***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/10/2019				
Status: Completed - Case Closed				
Status: Pollution Characterization				
Global Id: T0601900119				

CPS-SLIC: 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.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AUTO DISMANTLER (FOR	***317 WEST CALIFORNIA***	***NE 0 - 1/8 (0.033 mi.)***	***3***	***28***
Database: CPS-SLIC, Date of Government Version: 06/10/2019				
Facility Status: Completed - Case Closed				
Global Id: T10000000470				
CHURCH & FRUIT JUNKY		SSE 1/4 - 1/2 (0.312 mi.)	N58	158
Database: CPS-SLIC, Date of Government Version: 06/10/2019				
Facility Status: Completed - Case Closed				
Global Id: SLT5FS164434				

State and tribal registered storage tank lists

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

A review of the AST list, as provided by EDR, has revealed that there are 4 AST sites within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORTEGA'S MEAT Database: AST, Date of Government Version: 07/06/2016	2316 S FRUIT	SE 1/8 - 1/4 (0.130 mi.)	G26	75

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOSTER FARMS BELGRAV Database: AST, Date of Government Version: 07/06/2016	900 W BELGRAVIA	SSW 1/8 - 1/4 (0.130 mi.)	F20	51
FOSTER FARMS BELGRAV Database: AST, Date of Government Version: 07/06/2016	900 WEST BELGRAVIA A	SSW 1/8 - 1/4 (0.130 mi.)	F23	69
DARLING INGREDIENTS Database: AST, Date of Government Version: 07/06/2016	***795 W BELGRAVIA***	***S 1/8 - 1/4 (0.243 mi.)***	***L51***	***117***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/03/2019 has revealed that there are 4 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARCEL 477-161-16T; ACRES property ID: 167822	***46 E. FLORENCE AVENU***	***ESE 1/8 - 1/4 (0.234 mi.)***	***49***	***111***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRESNO HOUSING AUTHO ACRES property ID: 11355	***205-437 W. CALIFORNI***	***ENE 0 - 1/8 (0.014 mi.)***	***A2***	***25***
317 CA SITE CLEANUP ACRES property ID: 136323	***2141 SOUTH FRUIT AVE***	***NE 0 - 1/8 (0.041 mi.)***	***C7***	***30***
VACANT LOT APN 477-1 ACRES property ID: 186181	2385 S. FRUIT AVENUE	SSE 1/4 - 1/2 (0.297 mi.)	N57	153

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there

are 2 HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHURCH AND FRUIT JUN	*CHURCH & FRUIT AVENU*	*SE 1/4 - 1/2 (0.252 mi.)*	*56*	*139*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FRESNO SANITARY LAND	*SW CORNER OF JENSEN*	*SSW 1/2 - 1 (0.940 mi.)*	*61*	*164*

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 04/29/2019 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA/WEST SITE Facility Id: 60001159 Status: Inactive - Needs Evaluation	*1435 WEST CALIFORNIA*	*WNW 1/8 - 1/4 (0.248 mi.)*	*M55*	*135*

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 08/14/2019 has revealed that there are 4 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAMILY DOLLAR #11898	*238 E CALIFORNIA AVE*	*ENE 1/8 - 1/4 (0.196 mi.)*	*I40*	*91*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FOSTER FARMS BELGRAV	*900 WEST BELGRAVIA A*	*SSW 1/8 - 1/4 (0.130 mi.)*	*F24*	*70*
BUSSETO FOODS, INC	*1090 W CHURCH AVE*	*SW 1/8 - 1/4 (0.226 mi.)*	*J45*	*98*
DARLING INGREDIENTS	*795 W BELGRAVIA*	*S 1/8 - 1/4 (0.243 mi.)*	*L51*	*117*

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 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARVEY BY-PRODUCTS C	*2316 S FRUIT AVE*	*SE 1/8 - 1/4 (0.130 mi.)*	*G27*	*76*

Comp Number: 40449				
PETERSON MFG. CO. Comp Number: 10750	***2354 S FRUIT***	***SE 1/8 - 1/4 (0.156 mi.)***	***G30***	***79***
SOUTHFIELD BEEF Comp Number: 49634	***2356 S FRUIT AVE***	***SE 1/8 - 1/4 (0.168 mi.)***	***G38***	***88***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALKER & HOOD Comp Number: 21379	***437 W CALIFORNIA***	***NE 0 - 1/8 (0.063 mi.)***	***C11***	***39***
ZACKY FARMS Status: A Tank Status: A Comp Number: 4090	***900 W BELGRAVIA AVE***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F22***	***54***
SUBURBAN STEEL INC. Status: A Tank Status: A Comp Number: 49111	***706 W CALIFORNIA AVE***	***NNW 1/8 - 1/4 (0.163 mi.)***	***H34***	***85***

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 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARVEY BY-PRODUCTS C Facility Id: 00000040449	2316 S FRUIT AVE	SE 1/8 - 1/4 (0.130 mi.)	G29	78
PETERSON MFG. CO. Facility Id: 00000019693 Facility Id: 00000010750	2354 S FRUIT AVE	SE 1/8 - 1/4 (0.156 mi.)	G31	81

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALKER & HOOD	***437 W CALIFORNIA***	***NE 0 - 1/8 (0.063 mi.)***	***C11***	***39***
WALKER & HOOD Facility Id: 00000021379	437 W CALIFORNIA AVE	NE 0 - 1/8 (0.063 mi.)	C12	42
ZACKY FARMS PROCESSI	***900 WEST BELGRAVIA***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F21***	***52***
ZACKY FARMS Facility Id: 00000004090	***900 W BELGRAVIA AVE***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F22***	***54***
SUBURBAN STEEL INC. Facility Id: 00000049111	706 W CALIFORNIA AVE	NNW 1/8 - 1/4 (0.163 mi.)	H33	85
SUBURBAN STEEL INC	706 WEST CALIFORNIA	NNW 1/8 - 1/4 (0.163 mi.)	H35	86

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 6 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARVEY BY-PRODUCTS C	***2316 S FRUIT AVE***	***SE 1/8 - 1/4 (0.130 mi.)***	***G27***	***76***
Facility Id: 10001271				
Status: I				
PETERSON MFG. CO.	***2354 S FRUIT***	***SE 1/8 - 1/4 (0.156 mi.)***	***G30***	***79***
Facility Id: 10002925				
Status: I				
SOUTHFIELD BEEF	***2356 S FRUIT AVE***	***SE 1/8 - 1/4 (0.168 mi.)***	***G38***	***88***
Facility Id: 10000638				
Status: I				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALKER & HOOD	***437 W CALIFORNIA***	***NE 0 - 1/8 (0.063 mi.)***	***C11***	***39***
Facility Id: 10000117				
Status: I				
ZACKY FARMS	***900 W BELGRAVIA AVE***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F22***	***54***
Facility Id: 10002638				
Status: A				
SUBURBAN STEEL INC.	***706 W CALIFORNIA AVE***	***NNW 1/8 - 1/4 (0.163 mi.)***	***H34***	***85***
Facility Id: 10007668				
Status: A				

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 08/14/2019 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOSTER FARMS BELGRAV	***900 WEST BELGRAVIA A***	***SSW 1/8 - 1/4 (0.130 mi.)***	***F24***	***70***
DARLING INGREDIENTS	***795 W BELGRAVIA***	***S 1/8 - 1/4 (0.243 mi.)***	***L51***	***117***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 06/04/2019 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHURCH AND FRUIT JUN	***CHURCH & FRUIT AVENU***	***SE 1/4 - 1/2 (0.252 mi.)***	***56***	***139***
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY				
Envirostor ID: 10490090				

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 03/25/2019 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAMILY DOLLAR # 1189 EPA ID:: CAL000432246	238 EAST CALIFORNIA	ENE 1/8 - 1/4 (0.196 mi.)	I41	93

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOSTER FARMS BELGRAV EPA ID:: CAL000234067	900 W BELGRAVIA AVE	SSW 1/8 - 1/4 (0.130 mi.)	F25	74
BUSSETO FOODS INC EPA ID:: CAL000358861	1090 W CHURCH AVE	SW 1/8 - 1/4 (0.226 mi.)	J47	108
DARLING INGREDIENTS EPA ID:: CAL000011157	795 W BELGRAVIA	S 1/8 - 1/4 (0.243 mi.)	L52	132
ERICKSON EQUIPMENT I EPA ID:: CAL000060003	850 W CHURCH	SSW 1/8 - 1/4 (0.245 mi.)	53	133

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 07/19/2019 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FRESNO MUNICIPAL SAN EPA ID:: CAD980636914	***SW COR OF JENSEN & W***	***S 1/2 - 1 (0.751 mi.)***	***0***	***8***

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 21 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PG&E WEST FRESNO SUB Database: CUPA FRESNO, Date of Government Version: 07/11/2019 Facility Id: FA0275782	2260 S FRUIT AVE	E 0 - 1/8 (0.038 mi.)	B5	29
VERIZON WIRELESS WES Database: CUPA FRESNO, Date of Government Version: 07/11/2019	2290 S FRUIT AVE	ESE 0 - 1/8 (0.064 mi.)	B13	43

Facility Id: FA0278630

CRICKET COMMUNICATIO 54 E CALIFORNIA AVE ENE 0 - 1/8 (0.070 mi.) D15 48
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0281088

A&A AUTO WRECKING 410 W GEARY E 0 - 1/8 (0.083 mi.) 17 49
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0273190

T-MOBILE CELL SITE S 69 FRESNO ST ENE 0 - 1/8 (0.105 mi.) 18 49
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0282258

ORTEGA'S MEAT 2316 S FRUIT AVE SE 1/8 - 1/4 (0.130 mi.) G28 77
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0169658

HYDE PARK DISPOSAL S S FRUIT & FLORENCE A SE 1/8 - 1/4 (0.167 mi.) 36 87
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0270890

SOUTHFIELD BEEF PACK 2356 S FRUIT SE 1/8 - 1/4 (0.168 mi.) G37 88
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0269537

SNAKE ROAD DISPOSAL S FRUIT & FLORENCE A SE 1/8 - 1/4 (0.169 mi.) G39 91
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0270889

PRIVATE RESIDENCE 204 FRESNO ST ENE 1/8 - 1/4 (0.216 mi.) 44 97
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0170264

Lower Elevation	Address	Direction / Distance	Map ID	Page

WALKER & HOOD 437 W CALIFORNIA NE 0 - 1/8 (0.063 mi.) C11 39
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0266871

COUNTRYWIDE BUILDING 19 FRESNO ST ENE 0 - 1/8 (0.073 mi.) E16 48
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0281509

CITY OF FRESNO WELL 1247 COBB AVE ENE 0 - 1/8 (0.123 mi.) E19 49
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0283333

ZACKY FARMS 900 W BELGRAVIA AVE SSW 1/8 - 1/4 (0.130 mi.) F22 54
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0169100

SUBURBAN STEEL 706 W CALIFORNIA AVE NNW 1/8 - 1/4 (0.163 mi.) H32 82
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0169073

CITY OF FRESNO WELL 1151 W CALIFORNIA AV WNW 1/8 - 1/4 (0.209 mi.) 43 95
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0283334

BUSSETO FOODS INC 1090 W CHURCH AVE SW 1/8 - 1/4 (0.226 mi.) J46 100
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0271678

CITY OF FRESNO WELL 2363 S WEST AVE SW 1/8 - 1/4 (0.228 mi.) K48 109
Database: CUPA FRESNO, Date of Government Version: 07/11/2019

Facility Id: FA0284340

M D WESSON DISPOSAL — W CHURCH & WEST AVE — SW 1/8 - 1/4 (0.242 mi.) — K50 — 117
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0270878

DARLING INGREDIENTS — 795 W BELGRAVIA — S 1/8 - 1/4 (0.243 mi.) — L51 — 117
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0169659

SANG GIP — 1435 W CALIFORNIA AV — WNW 1/8 - 1/4 (0.248 mi.) — M54 — 134
Database: CUPA FRESNO, Date of Government Version: 07/11/2019
Facility Id: FA0278283

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 are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHURCH AND FRUIT JUN Reg Id: 10490090	***CHURCH & FRUIT AVENU***	***SE 1/4 - 1/2 (0.252 mi.)***	***56***	***139***
FRESNO TIRE WHOLESAL Reg Id: 5T10000517	***457 FRESNO***	***ENE 1/4 - 1/2 (0.416 mi.)***	***59***	***159***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VACANT LOT (ABD S/S) Reg Id: 5T10000121	***437 CALIFORNIA***	***NE 0 - 1/8 (0.067 mi.)***	***C14***	***43***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 4 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOE & OLLIES SERVICE	9 E ATCHISON	ENE 0 - 1/8 (0.037 mi.)	4	29
ELLIS GARAGE	2245 S FRUIT AVE	E 0 - 1/8 (0.040 mi.)	B6	29

Lower Elevation	Address	Direction / Distance	Map ID	Page
KLUDJIAN SERVICE	205 W CALIFORNIA A	ENE 0 - 1/8 (0.012 mi.)	A1	25
SUNSET GULF SERVICE	437 W CALIFORNIA A	NE 0 - 1/8 (0.063 mi.)	C10	39

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.

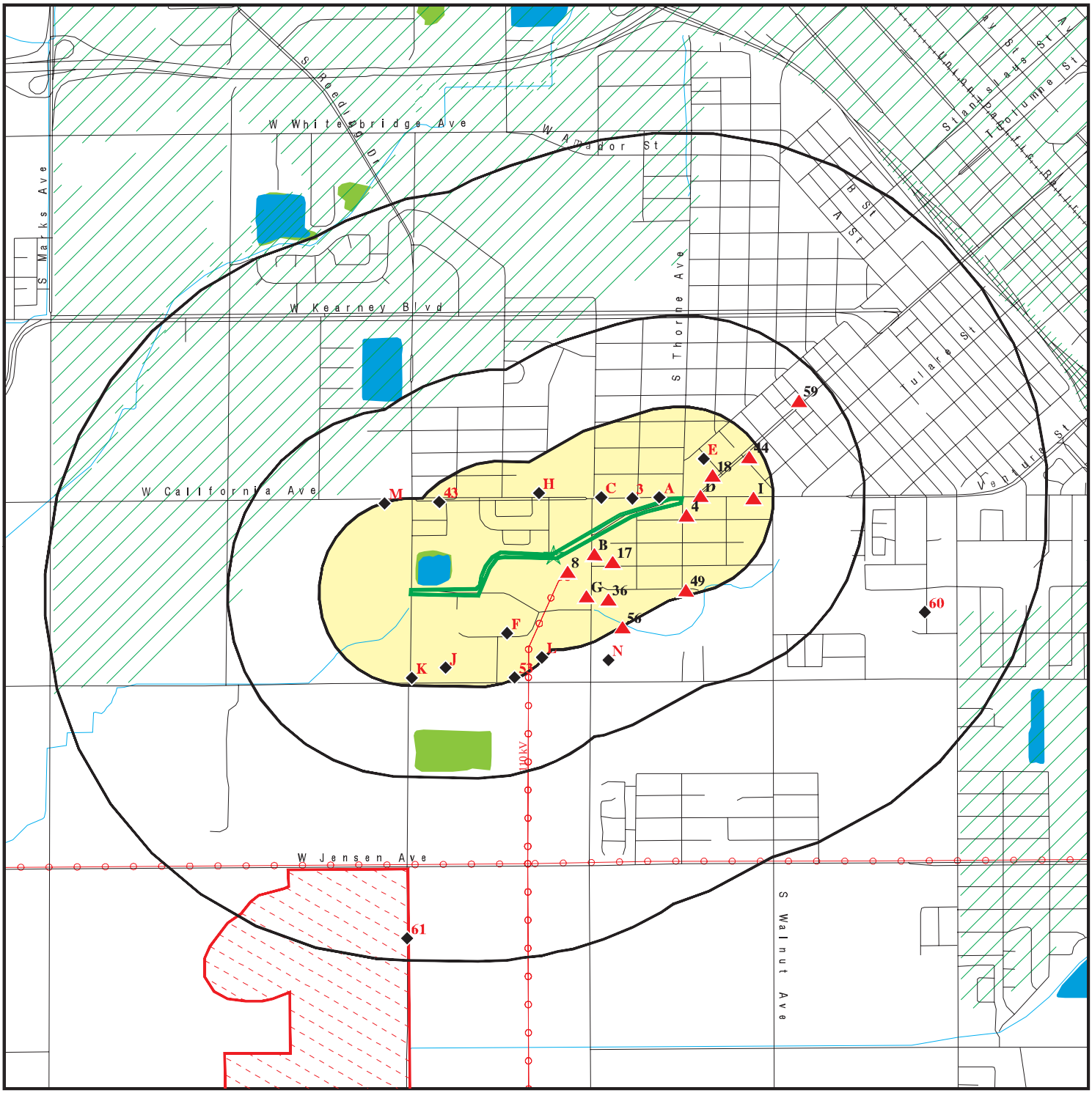
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRIANGLE CLEANERS	50 FRESNO ST	ENE 0 - 1/8 (0.052 mi.)	D9	39

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

Site Name	Database(s)
	CDL
	CDL
	CDL
	CDL
	CDL
FRESNO MUNICIPAL SANITARY LANDFILL	CA BOND EXP. PLAN

OVERVIEW MAP - 05817016.2R



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 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: SW Green Trail Alignment	CLIENT: Rincon
ADDRESS: SW Green Trail Alignment Fresno CA 93706	CONTACT: Lauren Kodama Roenicke
LAT/LONG: 36.719008 / 119.819698	INQUIRY #: 05817016.2r DATE: October 04, 2019 4:27 pm

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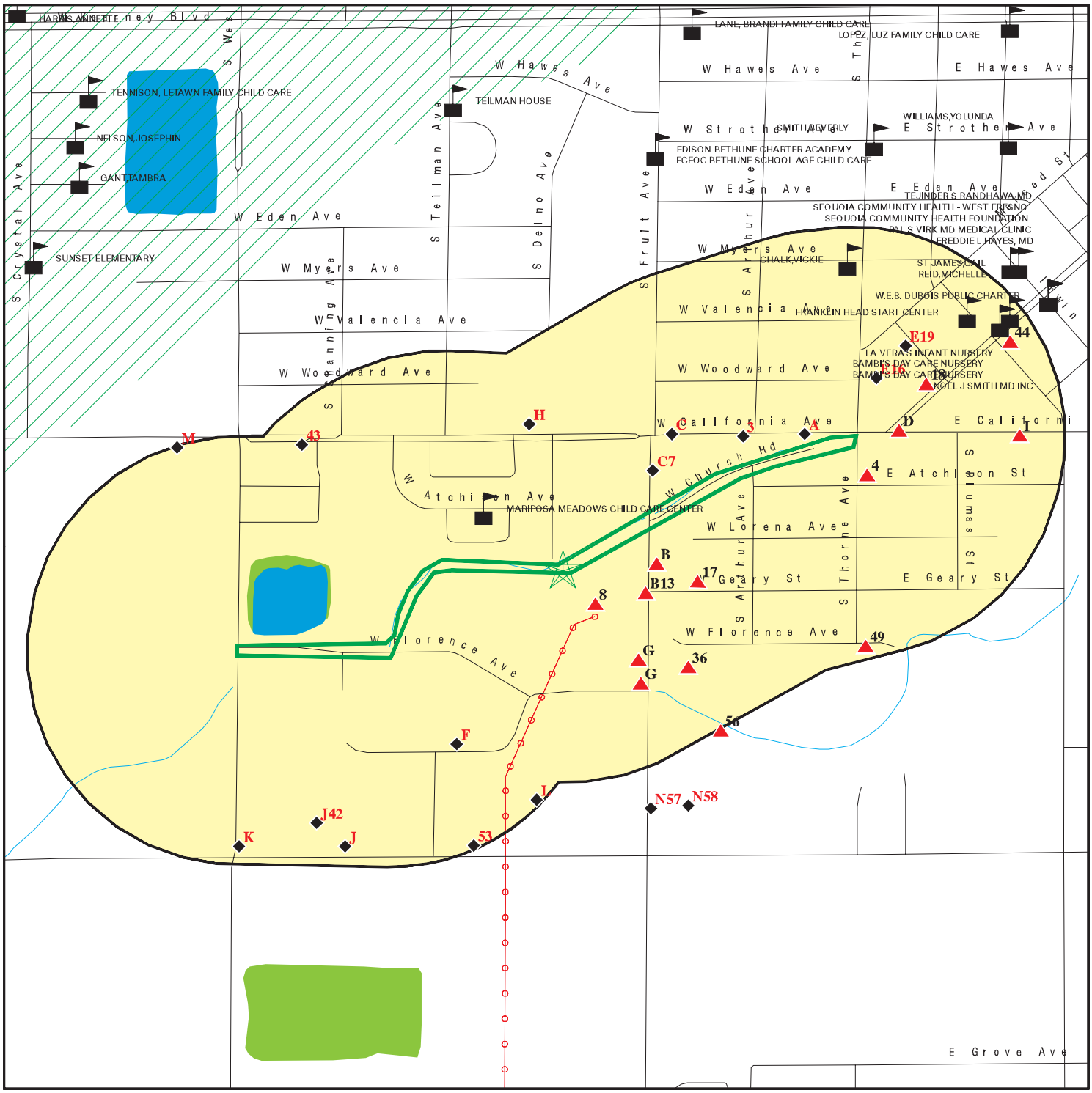
DETAIL MAP - 05817016.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/8 1/4 1/2 Miles

Indian Reservations BIA

Power transmission lines

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: SW Green Trail Alignment	CLIENT: Rincon
ADDRESS: SW Green Trail Alignment Fresno CA 93706	CONTACT: Lauren Kodama Roenicke
LAT/LONG: 36.719008 / 119.819698	INQUIRY #: 05817016.2r DATE: October 04, 2019 4:31 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
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 CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	1	0	NR	1
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	1	1	2	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		1	2	0	NR	NR	3
State and tribal leaking storage tank lists								
LUST	0.500		1	0	1	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	1	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	4	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		2	1	1	NR	NR	4
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	1	1	NR	2
SCH	0.250		0	1	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	4	NR	NR	NR	4
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	5	NR	NR	NR	6
HIST UST	0.250		2	6	NR	NR	NR	8
CA FID UST	0.250		1	5	NR	NR	NR	6
CERS TANKS	0.250		0	2	NR	NR	NR	2
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	1	NR	NR	1
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	5	NR	NR	NR	5
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	1	NR	1
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
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		8	13	NR	NR	NR	21

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	0	2	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
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
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
EDR Hist Auto	0.125		4	NR	NR	NR	NR	4
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	23	50	9	5	0	87

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

NPL **FRESNO MUNICIPAL SANITARY LANDFILL** **NPL** **1000383639**
Region **SW COR OF JENSEN & W AVE** **SEMS** **CAD980636914**
South **FRESNO, CA 93706** **US ENG CONTROLS**
1/2-1 **US INST CONTROL**
3964 ft. **ROD**
PRP
ICIS
FINDS
ECHO

NPL:

Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Address:	SW COR OF JENSEN & W AVE
City,State,Zip:	FRESNO, CA 93706
EPA ID:	CAD980636914
EPA Region:	9
Federal:	N
Final Date:	1989-10-04 00:00:00
Site ID:	901854
Latitude:	36.704169
Site Score:	35.57
Longitude:	-119.8261

NPL:

EPA ID:	CAD980636914
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-> 25 And <= 50 Feet
Category Value:	50

EPA ID:	CAD980636914
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

NPL:

EPA ID:	CAD980636914
Site ID:	0901854
Site Status:	F
Federal Site:	N
EPA Region:	09
Date Proposed:	06/24/88
Date Deleted:	Not reported
Date Finalized:	10/04/89

NPL:

EPA ID:	CAD980636914
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported

EPA ID:	CAD980636914
NPL Status:	Currently on the Final NPL
Substance ID:	U078
Substance:	DICHLOROETHENE, 1,1-
CAS #:	75-35-4
Pathway:	GROUND WATER PATHWAY

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Scoring: 3

EPA ID: CAD980636914
NPL Status: Currently on the Final NPL
Substance ID: U079
Substance: TRANS-DICHLOROETHYLENE, 1,2-
CAS #: 156-60-5
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980636914
NPL Status: Currently on the Final NPL
Substance ID: U080
Substance: METHYLENE CHLORIDE
CAS #: 75-09-2
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980636914
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980636914
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL:

EPA ID: CAD980636914
Summary: Conditions at proposal June 24, 1988): Fresno Municipal Sanitary Landfill covers approximately 130 acres on the edge of the City of Fresno, Fresno County, California. The surrounding area is primarily agricultural with some homes to the nor

EPA ID: CAD980636914
Summary: th and south. The city has owned and operated the landfill since 1935. It expanded to its current si e in 1945. The landfill has a permit from the State to accept nonha ardous solid waste and general refuse. In 1983, tests by the Calif

EPA ID: CAD980636914
Summary: ornia Department of Health Services CDHS) revealed that methane gas was migrating from the landfill. In June 1984, residents living adjacent to the landfill wrote letters to EPA and CDHS alleging that waste crankcase oils and solvents had bee

EPA ID: CAD980636914
Summary: n openly disposed of at the landfill. In November 1984, Fresno installed 17 wells around the perimeter of the landfill to monitor methane and 6 wells to monitor ground water. The city also

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

constructed barriers on two sides of the landfill to c

EPA ID: CAD980636914
Summary: ontrol methane migration. Monitoring conducted in 1985 indicated that methane migration to nearby homes was decreasing. According to sampling conducted in 1984 by CDHS and the California Regional Water Quality Control Board, tetrachloro-

EPA ID: CAD980636914
Summary: ethylene, trichloroethylene, methylene chloride, and dichloroethylene are present in wells at the edge of the landfill. Upgradient wells show no contamination, and no other possible sources of contamination are known to exist upgradient of the

EPA ID: CAD980636914
Summary: site. Nine municipal wells are within 3 miles of the Fresno landfill. Water from these wells feeds into a blended system that serves the City of Fresno. The general distribution area serves approximately 260,000 people. Nine private we

EPA ID: CAD980636914
Summary: lls within 3 miles of the landfill serve an additional 3,000 people who have no other source of drinking water. Status October 4, 1989): EPA is considering various alternatives for the site.

NPL:
EPA ID: CAD980636914
NPL Status: Final
Proposed Date: 06/24/1988
Final Date: 10/04/1989
Deleted Date: Not reported

NPL:
EPA ID: CAD980636914
NPL Name: FRESNO MUNICIPAL SANITARY LANDFILL

SEMS:
Site ID: 0901854
EPA ID: CAD980636914
Cong District: 20,22
FIPS Code: 06019
Latitude: 36.704169
Longitude: -119.826100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0901854
EPA ID: CAD980636914
Site Name: FRESNO MUNICIPAL SANITARY LANDFILL
NPL: F
FF: N
OU: 02

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	1998-06-10 04:00:00
Finish Date:	9/1/1999 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	2005-03-09 05:00:00
Finish Date:	3/9/2005 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2010-09-30 04:00:00
Finish Date:	9/30/2010 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	2004-10-25 04:00:00
Finish Date:	9/27/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

NPL:	F
FF:	N
OU:	01
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2003-09-15 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2014-11-06 05:00:00
Finish Date:	9/25/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BE
Action Name:	PRP RD
SEQ:	4
Start Date:	1998-06-10 04:00:00
Finish Date:	9/27/2007 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	1993-12-13 05:00:00
Finish Date:	12/13/1993 5:00:00 AM
Qual:	E
Current Action Lead:	EPA Perf
Region:	09

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BF
Action Name:	PRP RA
SEQ:	1
Start Date:	1997-08-06 04:00:00
Finish Date:	9/15/2003 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BE
Action Name:	PRP RD
SEQ:	1
Start Date:	1993-12-17 05:00:00
Finish Date:	8/6/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1990-09-27 04:00:00
Finish Date:	9/27/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1992-05-12 04:00:00
Finish Date:	5/12/1992 4:00:00 AM
Qual:	V

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	1996-09-30 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	R
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	2
Start Date:	1990-09-20 04:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1999-09-01 04:00:00
Finish Date:	9/26/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	02
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Start Date:	1990-12-17 05:00:00
Finish Date:	9/30/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	1990-09-20 04:00:00
Finish Date:	9/30/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1993-09-30 04:00:00
Finish Date:	9/30/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1989-08-02 04:00:00
Finish Date:	8/2/1989 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Action Code:	RS
Action Name:	RV ASSESS
SEQ:	3
Start Date:	1991-01-31 05:00:00
Finish Date:	1/31/1991 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	1990-09-24 04:00:00
Finish Date:	9/30/1993 4:00:00 AM
Qual:	S
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1990-06-10 04:00:00
Finish Date:	6/10/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1988-06-01 04:00:00
Finish Date:	6/1/1988 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1988-06-24 04:00:00
Finish Date:	6/24/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1987-06-01 04:00:00
Finish Date:	6/1/1987 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-05-01 04:00:00
Finish Date:	5/1/1981 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-01-01 06:00:00
Finish Date:	3/1/1985 6:00:00 AM
Qual:	L
Current Action Lead:	St Perf
Region:	09

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Site ID:	0901854
EPA ID:	CAD980636914
Site Name:	FRESNO MUNICIPAL SANITARY LANDFILL
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1989-10-04 04:00:00
Finish Date:	10/4/1989 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

SIte:

Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Address:	SW COR OF JENSEN & W AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93706
Event Code:	Not reported
Action Taken Date:	09/30/1996
EPA ID:	CAD980636914
Site ID:	0901854
Action Name:	RECORD OF DECISION
Action ID:	002
Operable Unit:	02
Action Completion Date:	09/30/1996
Contaminated Media:	Groundwater
Engineering Control:	Discharge
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Media:

Engineering Control:	Active Gas Collection System
EPA ID:	CAD980636914
Contaminated Media:	Landfill Gas
Site ID:	0901854
Action ID:	001
Action Completion Date:	09/30/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	Flame Flare, (N.O.S.)
EPA ID:	CAD980636914
Contaminated Media:	Landfill Gas
Site ID:	0901854
Action ID:	001
Action Completion Date:	09/30/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Leachate Control
EPA ID:	CAD980636914
Contaminated Media:	Leachate
Site ID:	0901854
Action ID:	001
Action Completion Date:	09/30/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Cap
EPA ID:	CAD980636914
Contaminated Media:	Solid Waste
Site ID:	0901854
Action ID:	001
Action Completion Date:	09/30/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Surface Drainage Control
EPA ID:	CAD980636914
Contaminated Media:	Solid Waste
Site ID:	0901854
Action ID:	001
Action Completion Date:	09/30/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Discharge
EPA ID:	CAD980636914
Contaminated Media:	Groundwater
Site ID:	0901854
Action ID:	002
Action Completion Date:	09/30/1996
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1996

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Extraction
EPA ID:	CAD980636914
Contaminated Media:	Groundwater
Site ID:	0901854
Action ID:	002
Action Completion Date:	09/30/1996
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Monitoring
EPA ID:	CAD980636914
Contaminated Media:	Groundwater
Site ID:	0901854
Action ID:	002
Action Completion Date:	09/30/1996
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Pump And Treat
EPA ID:	CAD980636914
Contaminated Media:	Groundwater
Site ID:	0901854
Action ID:	002
Action Completion Date:	09/30/1996
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Reinjection
EPA ID:	CAD980636914
Contaminated Media:	Groundwater
Site ID:	0901854
Action ID:	002
Action Completion Date:	09/30/1996
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1996
Event Code:	Not reported

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Treatment, (N.O.S.)
EPA ID: CAD980636914
Contaminated Media: Groundwater
Site ID: 0901854
Action ID: 002
Action Completion Date: 09/30/1996
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 09/30/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

US INST CONTROL:
Name: FRESNO MUNICIPAL SANITARY LANDFILL
Address: SW COR OF JENSEN & W AVE
Address 2: Not reported
City,State,Zip: FRESNO, CA 93706
EPA ID: CAD980636914
Site ID: 0901854
Action Name: RECORD OF DECISION
Action ID: 002
Operable Unit: 02
Action Completion Date: 09/30/1996
Actual Date: 09/30/1996
Contaminated Media: Groundwater
Institutional Control: Access Restriction
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: FRESNO MUNICIPAL SANITARY LANDFILL
Address: SW COR OF JENSEN & W AVE
Address 2: Not reported
City,State,Zip: FRESNO, CA 93706
EPA ID: CAD980636914
Site ID: 0901854
Action Name: RECORD OF DECISION
Action ID: 002
Operable Unit: 02
Action Completion Date: 09/30/1996
Actual Date: 09/30/1996
Contaminated Media: Groundwater
Institutional Control: Deed Restriction
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Name: FRESNO MUNICIPAL SANITARY LANDFILL

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Address:	SW COR OF JENSEN & W AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93706
EPA ID:	CAD980636914
Site ID:	0901854
Action Name:	RECORD OF DECISION
Action ID:	002
Operable Unit:	02
Action Completion Date:	09/30/1996
Actual Date:	09/30/1996
Contaminated Media:	Groundwater
Institutional Control:	Institutional Controls, (N.O.S.)
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

ROD:

EPA ID:	CAD980636914
RG:	9
Site ID:	901854
Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Action:	GOVT ESD
Operable Unit Number:	SOURCE CONTROL
SEQ ID:	1
Action Completion:	2012-09-27 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

EPA ID:	CAD980636914
RG:	9
Site ID:	901854
Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Action:	GOVT ESD
Operable Unit Number:	GROUNDWATER
SEQ ID:	2
Action Completion:	2012-09-27 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

EPA ID:	CAD980636914
RG:	9
Site ID:	901854
Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Action:	GOVT ROD for PRP Remedy
Operable Unit Number:	SOURCE CONTROL
SEQ ID:	1
Action Completion:	1993-09-30 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

EPA ID:	CAD980636914
RG:	9
Site ID:	901854
Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Action:	GOVT ROD for PRP Remedy
Operable Unit Number:	GROUNDWATER

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

SEQ ID: 2
Action Completion: 1996-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
EPAID: CAD980636914
PRP Name: CITY OF FRESNO
Site ID: 0901854
Facility Name: FRESNO MUNICIPAL SANITARY LANDFILL
Facility Address: SW COR OF JENSEN & W AVE
Facility City: FRESNO
Facility State: CA
Facility Zip: 93706
NPL Status: Currently on the Final NPL
NPL Status Short Name: Not reported
PRP Address: 2326 FRESNO ST.
PRP City: FRESNO,
PRP State: CA
PRP Zip: 93721
Data Type: SETTLEMENT DATE
Action Date: 1990-09-20 04:00:00
Settlement Code: AC-1
Settlement: ADM ORDR

Action Date: 1991-02-20 05:00:00
Settlement Code: UA-2
Settlement: UNL ORDR

Action Date: 1990-09-19 04:00:00
Settlement Code: UA-1
Settlement: UNL ORDR

Action Date: 1993-12-17 05:00:00
Settlement Code: AC-2
Settlement: ADM ORDR

Action Date: 1998-06-10 04:00:00
Settlement Code: CD-1
Settlement: C DECREE

ICIS:
Enforcement Action ID: 09-1996-0033
FRS ID: 110009268103
Action Name: CITY OF FRESNO
Facility Name: FRESNO MUNICIPAL SANITARY LANDFILL
Facility Address: SW COR OF JENSEN & W AVE
FRESNO, CA 93706
Enforcement Action Type: Pre-Referral Negotiation
Facility County: FRESNO
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: PRN
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.70416

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Longitude in Decimal Degrees: -119.8261
Permit Type Desc: Not reported
Program System Acronym: 44765
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: FRESNO MUNICIPAL SANITARY LANDFILL
Address: SW COR OF JENSEN & W AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: FRESNO MUNICIPAL SANITARY LANDFILL
Address: SW COR OF JENSEN & W AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: FRESNO MUNICIPAL SANITARY LANDFILL
Address: SW COR OF JENSEN & W AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110009268103

Environmental Interest/Information System
SUPERFUND NPL

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000383639

FRESNO MUNICIPAL SANITARY LANDFILL (Continued) **1000383639**

Registry ID: 110009268103
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009268103

A1 **KLUDJIAN SERVICE** **EDR Hist Auto** **1009076504**
ENE **205 W CALIFORNIA AV** **N/A**
< 1/8 **FRESNO, CA**
0.012 mi.
62 ft. **Site 1 of 2 in cluster A**

Relative: EDR Hist Auto
Lower

Actual: **282 ft.**

Year:	Name:	Type:
1958	RAY S WILSHIRE SERVICE	GASOLINE STATIONS
1962	POUNDS WILSHIRE SERVICE	GASOLINE STATIONS
1965	KLUDJIAN SERVICE	GASOLINE STATIONS

A2 **FRESNO HOUSING AUTHORITY BROWNFIELDS** **US BROWNFIELDS** **1016348651**
ENE **205-437 W. CALIFORNIA AVENUE** **FINDS** **N/A**
< 1/8 **FRESNO, CA 93706**
0.014 mi.
72 ft. **Site 2 of 2 in cluster A**

Relative: US BROWNFIELDS:
Lower

Actual: **282 ft.**

Name:	FRESNO HOUSING AUTHORITY BROWNFIELDS
Address:	205-437 W. CALIFORNIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	R9 Brownfields TBA (previously Superfund TBA)
Grant Type:	TBA
Property Number:	Not reported
Parcel size:	4.13
Latitude:	36.721
Longitude:	-119.816
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	11355
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1

FRESNO HOUSING AUTHORITY BROWNFIELDS (Continued) **1016348651**

Cooperative Agreement Number:	n/a
Start Date:	11/30/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	11/30/2003 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported

FRESNO HOUSING AUTHORITY BROWNFIELDS (Continued) **1016348651**

Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1137
Below Poverty Percent:	41.2%
Meidan Income:	4763
Meidan Income Number:	2032
Meidan Income Percent:	73.7%
Vacant Housing Number:	51
Vacant Housing Percent:	5.6%
Unemployed Number:	190
Unemployed Percent:	6.9%

FINDS:

Registry ID: 110038746907

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

FRESNO HOUSING AUTHORITY BROWNFIELDS (Continued) **1016348651**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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3 **AUTO DISMANTLER (FORMER)** **CPS-SLIC** **S109349192**
NE **317 WEST CALIFORNIA** **CERS** **N/A**
< 1/8 **FRESNO, CA 93706**
0.033 mi.
173 ft.

Relative:
Lower

Actual:
282 ft.

CPS-SLIC:

Name:	AUTO DISMANTLER (FORMER)
Address:	317 WEST CALIFORNIA
City,State,Zip:	FRESNO, CA 93706
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/25/2011
Global Id:	T10000000470
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Lead Agency Case Number:	Not reported
Latitude:	36.7209298897489
Longitude:	-119.817066192627
Case Type:	Cleanup Program Site
Case Worker:	JWH
Local Agency:	Not reported
RB Case Number:	2050365
File Location:	Regional Board
Potential Media Affected:	Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern:	Polychlorinated biphenyls (PCBs), Copper, Lead, Other Metal, Polynuclear aromatic hydrocarbons (PAHs)
Site History:	The Site is located at 317 West California Avenue on approximately 1.8 acres. The property was first developed between 1937 and 1950 and had a variety of uses. From 1950 to 1967 it was was used as an auto dismantler. In 2003, based on findings at an a joining site, the USEPA performed a series of of Brownfields Targeted Site Assessments with soil samples and exploratory borings. The samples indicated an elevated presence of lead, cadmium, copper and zinc. The property is in the process of completing a remedial action plan. The action plan would allow the property to be remediated to levels allowing low income housing at the Site, under a partnership with Housing and Urban Development (HUD) and the Housing Authority of the City of Fresno (HSCF).

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

CERS:

Name:	AUTO DISMANTLER (FORMER)
Address:	317 WEST CALIFORNIA
City,State,Zip:	FRESNO, CA 93706
Site ID:	216971
CERS ID:	T10000000470
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title:	Not reported
Affiliation Address:	1685 E STREET

AUTO DISMANTLER (FORMER) (Continued) **S109349192**

Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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4 **JOE & OLLIES SERVICE** **EDR Hist Auto** **1020195647**
ENE **9 E ATCHISON** **N/A**
< 1/8 **FRESNO, CA 93706**
0.037 mi.
196 ft.

Relative: EDR Hist Auto
Higher

Actual:
288 ft.

Year:	Name:	Type:
1971	JOE & OLLIES SERVICE	Gasoline Service Stations
1972	JOE & OLLIES SERVICE	Gasoline Service Stations
1973	JOE & OLLIES SERVICE	Gasoline Service Stations
1974	JOE & OLLIES SERVICE	Gasoline Service Stations
1975	JOE & OLLIES SERVICE	Gasoline Service Stations

B5 **PG&E WEST FRESNO SUBSTATION** **CUPA Listings** **S105614738**
East **2260 S FRUIT AVE** **N/A**
< 1/8 **FRESNO, CA 93706**
0.038 mi.
203 ft. **Site 1 of 3 in cluster B**

Relative: CUPA FRESNO:
Higher

Actual:
287 ft.

Name:	PG&E WEST FRESNO SUBSTATION
Address:	2260 S FRUIT AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0275782
Cross Street:	GEARY
APM Number:	47704043SU
CERS Id:	10128721
SWIS Number:	Not reported
GIS Latitude:	36.7182
GIS Longitude:	-119.8187
Program Element:	SMALL HAZARDOUS MATERIALS HANDLER

B6 **ELLIS GARAGE** **EDR Hist Auto** **1009074982**
East **2245 S FRUIT AVE** **N/A**
< 1/8 **FRESNO, CA**
0.040 mi.
213 ft. **Site 2 of 3 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
288 ft.

Year:	Name:	Type:
1958	KLUDJIAN BROS	GASOLINE STATIONS
1962	MOSS SERVICE STATION	GASOLINE STATIONS
1970	ELLIS GARAGE	AUTOMOBILE REPAIRING

C7 **317 CA SITE CLEANUP** **US BROWNFIELDS** **1015867377**
NE **2141 SOUTH FRUIT AVENUE** **FINDS** **N/A**
< 1/8 **FRESNO, CA 93706**
0.041 mi.
215 ft. **Site 1 of 5 in cluster C**

Relative: **Lower**

Actual: **282 ft.**

US BROWNFIELDS:

Name:	317 CA SITE CLEANUP
Address:	2141 SOUTH FRUIT AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Cleanup
Property Number:	APN 447-111-09ST
Parcel size:	3.5
Latitude:	36.7207034
Longitude:	-119.81780839999999
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	136323
IC Data Access:	Not reported
Start Date:	01/10/2011 00:00:00
Redev Completition Date:	Not reported
Completed Date:	06/30/2011 00:00:00
Acres Cleaned Up:	2
Cleanup Funding:	200000
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	10/25/2011 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	96932101
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	Redevelopment agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	10/25/2011 00:00:00

317 CA SITE CLEANUP (Continued) **1015867377**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

317 CA SITE CLEANUP (Continued) **1015867377**

Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1389
Below Poverty Percent:	44.2%
Meidan Income:	6867
Meidan Income Number:	2284
Meidan Income Percent:	72.7%
Vacant Housing Number:	49
Vacant Housing Percent:	4.9%
Unemployed Number:	255
Unemployed Percent:	8.1%

Name:	317 CA SITE CLEANUP
Address:	2141 SOUTH FRUIT AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Cleanup
Property Number:	APN 447-111-09ST
Parcel size:	3.5
Latitude:	36.7207034
Longitude:	-119.81780839999999
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	136323
IC Data Access:	Not reported
Start Date:	01/10/2011 00:00:00
Redev Completition Date:	Not reported
Completed Date:	06/30/2011 00:00:00
Acres Cleaned Up:	2
Cleanup Funding:	65187
Cleanup Funding Source:	Local Funding
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported

317 CA SITE CLEANUP (Continued) **1015867377**

Redevelopment Start Date:	10/25/2011 00:00:00
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Redevelopment Agency of the City of Fresno
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	96932101
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	Redevelopment agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	10/25/2011 00:00:00
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Y
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported

317 CA SITE CLEANUP (Continued) **1015867377**

Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	1389
Below Poverty Percent:	44.2%
Meidan Income:	6867
Meidan Income Number:	2284
Meidan Income Percent:	72.7%
Vacant Housing Number:	49
Vacant Housing Percent:	4.9%
Unemployed Number:	255
Unemployed Percent:	8.1%

FINDS:

317 CA SITE CLEANUP (Continued) **1015867377**

Registry ID: 110044760247

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

8
SE
< 1/8
0.047 mi.
246 ft.

SNAKE ROAD DISP SITE **SWF/LF** **S109821480**
N SIDE FLORENCE AV, W/O S FRUIT AVE **CERS** **N/A**
FRESNO, CA

Relative:
Higher

Actual:
285 ft.

SWF/LF (SWIS):

Name:	SNAKE ROAD DISP SITE
Address:	N SIDE FLORENCE AV, W/O S FRUIT AVE
City,State,Zip:	FRESNO, CA
Facility ID:	10-CR-0013
Lat/Long:	36.71837 / -119.81875
Owner Name:	Kim and Ronald Lea
Owner Telephone:	5598918908
Owner Address:	Not reported
Owner Address2:	P.O. Box 1230
Owner City,St,Zip:	Selma, CA 93662
Operational Status:	Closed
Operator:	O'Dell, Hill
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	4206 N. Dante
Operator City,St,Zip:	Fresno, CA 93722
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	Pre-regulations
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	$0.00
SWIS Num:	10-CR-0013
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported
Lat/Long:	36.71837 / -119.81875

SNAKE ROAD DISP SITE (Continued) **S109821480**

Name: SNAKE ROAD DISP SITE
Address: N SIDE FLORENCE AV, W/O S FRUIT AVE
City,State,Zip: FRESNO, CA
Facility ID: 10-CR-0013
Lat/Long: 36.71837 / -119.81875
Owner Name: Lambo and Lily Yip
Owner Telephone: Not reported
Owner Address: Not reported
Owner Address2: 428 West Loyola
Owner City,St,Zip: Clovis, CA 93619
Operational Status: Closed
Operator: O'Dell, Hill
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: 4206 N. Dante
Operator City,St,Zip: Fresno, CA 93722
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: $0.00
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations
Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: $0.00
SWIS Num: 10-CR-0013
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported
Lat/Long: 36.71837 / -119.81875

Name: SNAKE ROAD DISP SITE
Address: N SIDE FLORENCE AV, W/O S FRUIT AVE
City,State,Zip: FRESNO, CA
Facility ID: 10-CR-0013
Lat/Long: 36.71837 / -119.81875
Owner Name: O'Dell, Hill
Owner Telephone: Not reported
Owner Address: Not reported
Owner Address2: 4206 N. Dante
Owner City,St,Zip: Fresno, CA 93722
Operational Status: Closed
Operator: O'Dell, Hill
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: 4206 N. Dante
Operator City,St,Zip: Fresno, CA 93722
Permit Date: Not reported

SNAKE ROAD DISP SITE (Continued) **S109821480**

Permit Status: Not reported
Permitted Acreage: $0.00
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations
Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: $0.00
SWIS Num: 10-CR-0013
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported
Lat/Long: 36.71837 / -119.81875

Name: SNAKE ROAD DISP SITE
Address: N SIDE FLORENCE AV, W/O S FRUIT AVE
City,State,Zip: FRESNO, CA
Facility ID: 10-CR-0013
Lat/Long: 36.71837 / -119.81875
Owner Name: Patricia Jordan-Weathington
Owner Telephone: Not reported
Owner Address: Not reported
Owner Address2: 3815 North 59th Ave.
Owner City,St,Zip: Phoenix, AZ 85033
Operational Status: Closed
Operator: O'Dell, Hill
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: 4206 N. Dante
Operator City,St,Zip: Fresno, CA 93722
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: $0.00
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations
Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: Not reported
Closure Type: Not reported
Disposal Acreage: $0.00
SWIS Num: 10-CR-0013
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: Not reported

SNAKE ROAD DISP SITE (Continued) **S109821480**

Actual Throughput with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity: Not reported
Remaining Capacity with Units: Not reported
Lat/Long: 36.71837 / -119.81875

CERS:
Name: SNAKE ROAD DISP SITE
Address: N SIDE FLORENCE AV, W/O S FRUIT AVE
City,State,Zip: FRESNO, CA
Site ID: 511946
CERS ID: 10-CR-0013
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Kim and Ronald Lea
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Selma
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93662
Affiliation Phone: 5598918908

Affiliation Type Desc: Legal Owner
Entity Name: O'Dell, Hill
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93722
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Patricia Jordan-Weathington
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Phoenix
Affiliation State: AZ
Affiliation Country: Not reported
Affiliation Zip: 85033
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Lambo and Lily Yip
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Clovis
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93619
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Operator
Entity Name: O'Dell, Hill

SNAKE ROAD DISP SITE (Continued) **S109821480**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93722
Affiliation Phone:	Not reported

D9 **TRIANGLE CLEANERS** **EDR Hist Cleaner** **1009189629**
ENE **50 FRESNO ST** **N/A**
< 1/8 **FRESNO, CA**
0.052 mi.
273 ft. **Site 1 of 2 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: **283 ft.**

Year:	Name:	Type:
1970	TRIANGLE CLEANERS	CLEANERS AND DYERS

C10 **SUNSET GULF SERVICE STATION** **EDR Hist Auto** **1009077249**
NE **437 W CALIFORNIA AV** **N/A**
< 1/8 **FRESNO, CA**
0.063 mi.
331 ft. **Site 2 of 5 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **282 ft.**

Year:	Name:	Type:
1958	FARMERS OIL CO	GASOLINE STATIONS
1962	FARMERS OIL CO	GASOLINE STATIONS
1965	FARMERS OIL CO	GASOLINE STATIONS
1970	FARMERS OIL CO	Gasoline Service Stations
1971	FARMERS OIL CO	Gasoline Service Stations
1972	FARMERS OIL CO	Gasoline Service Stations
1975	SUNSET GULF SERVICE STATION	GASOLINE STATIONS

C11 **WALKER & HOOD** **SWEEPS UST** **S101621331**
NE **437 W CALIFORNIA** **HIST UST** **N/A**
< 1/8 **FRESNO, CA 93657** **CA FID UST**
0.063 mi. **CUPA Listings**
331 ft. **Site 3 of 5 in cluster C**

Relative: SWEEPS UST:
Lower

Actual: **282 ft.**

Name:	WALKER & HOOD
Address:	437 W CALIFORNIA
City:	FRESNO
Status:	Not reported
Comp Number:	21379
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported

WALKER & HOOD (Continued) **S101621331**

SWRCB Tank Id: 10-000-021379-000001
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Name: WALKER & HOOD
Address: 437 W CALIFORNIA
City: FRESNO
Status: Not reported
Comp Number: 21379
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-021379-000002
Tank Status: Not reported
Capacity: 7000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: WALKER & HOOD
Address: 437 W CALIFORNIA
City: FRESNO
Status: Not reported
Comp Number: 21379
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-021379-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: WALKER AND HOOD
Address: 437 W CALIFORNIA
City,State,Zip: FRESNO, CA 93657
File Number: 00024FC3
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024FC3.pdf
Region: Not reported
Facility ID: Not reported

WALKER & HOOD (Continued) **S101621331**

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

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	10000117
Regulated By:	UTNKI
Regulated ID:	00021379
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2094418288
Mail To:	Not reported
Mailing Address:	437 W CALIFORNIA
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FRESNO 93657
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

CUPA FRESNO:

Name:	SERVICE STATION-ABANDONED
Address:	437 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0266871
Cross Street:	FRUIT
APM Number:	47711109ST
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.7208
GIS Longitude:	-119.817
Program Element:	UST REMOVAL/CLOSURE W/10 TANKS

Name:	SERVICE STATION-ABANDONED
Address:	437 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0266871

WALKER & HOOD (Continued) **S101621331**

Cross Street:	FRUIT
APM Number:	47711109ST
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.7208
GIS Longitude:	-119.817
Program Element:	FORMER CONTAMINATED SITE/NO FURTHER ACTION

C12 **WALKER & HOOD** **HIST UST** **U001590753**
NE **437 W CALIFORNIA AVE** **N/A**
< 1/8 **FRESNO, CA 93657**
0.063 mi.
331 ft. **Site 4 of 5 in cluster C**

Relative: **Lower**
Actual: **282 ft.**

HIST UST:

Name:	WALKER & HOOD
Address:	437 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93657
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000021379
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	JIMMY WALKER
Telephone:	2094418288
Owner Name:	RED TRIANGLE OIL CO.
Owner Address:	2809 S. CHESTNUT
Owner City,St,Zip:	FRESNO, CA 93745
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00007000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

B13 **VERIZON WIRELESS WEST CALIFORNIA AVENUE 117100** **CUPA Listings** **S107869601**
ESE **2290 S FRUIT AVE** **N/A**
< 1/8 **FRESNO, CA 93706**
0.064 mi.
340 ft. **Site 3 of 3 in cluster B**

Relative: **Higher**
Actual: **289 ft.**

CUPA FRESNO:

Name:	VERIZON WIRELESS WEST CALIFORNIA AVENUE 117100
Address:	2290 S FRUIT AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0278630
Cross Street:	Not reported
APM Number:	47713101
CERS Id:	10145699
SWIS Number:	Not reported
GIS Latitude:	36.717847
GIS Longitude:	-119.819519
Program Element:	SMALL HAZARDOUS MATERIALS HANDLER

C14 **VACANT LOT (ABD S/S)** **LUST** **S100227483**
NE **437 CALIFORNIA** **HIST CORTESE** **N/A**
< 1/8 **FRESNO, CA 93706** **CERS**
0.067 mi.
354 ft. **Site 5 of 5 in cluster C**

Relative: **Lower**
Actual: **281 ft.**

LUST:

Name:	VACANT LOT (ABD S/S)
Address:	437 CALIFORNIA AVE W
City,State,Zip:	FRESNO, CA 93706
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900119
Global Id:	T0601900119
Latitude:	36.7212726
Longitude:	-119.8176848
Status:	Completed - Case Closed
Status Date:	04/29/2010
Case Worker:	JWH
RB Case Number:	5T10000121
Local Agency:	FRESNO COUNTY
File Location:	Regional Board
Local Case Number:	FA0266871
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0601900119
Contact Type:	Local Agency Caseworker
Contact Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name:	FRESNO COUNTY
Address:	1221 Fulton Street
City:	Fresno
Email:	environmentalhealth@fresnocountyca.gov
Phone Number:	Not reported

Global Id:	T0601900119
Contact Type:	Regional Board Caseworker
Contact Name:	JEFFREY HANNEL
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5F)

VACANT LOT (ABD S/S) (Continued) **S100227483**

Address: 1685 E STREET
City: FRESNO
Email: jhannel@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900119
Action Type: RESPONSE
Date: 02/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: RESPONSE
Date: 02/01/2010
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: RESPONSE
Date: 04/05/2010
Action: Other Report / Document

Global Id: T0601900119
Action Type: RESPONSE
Date: 04/19/2010
Action: Correspondence

Global Id: T0601900119
Action Type: RESPONSE
Date: 05/03/2010
Action: Well Destruction Report

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 07/22/2009
Action: Staff Letter

Global Id: T0601900119
Action Type: RESPONSE
Date: 05/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 08/12/2004
Action: Warning Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 12/23/2003
Action: Staff Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 03/17/2010
Action: Notification - Preclosure

Global Id: T0601900119

VACANT LOT (ABD S/S) (Continued) **S100227483**

Action Type: ENFORCEMENT
Date: 03/16/2010
Action: Staff Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 04/29/2010
Action: Closure/No Further Action Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 04/08/2010
Action: Staff Letter

Global Id: T0601900119
Action Type: Other
Date: 09/19/1988
Action: Leak Discovery

Global Id: T0601900119
Action Type: RESPONSE
Date: 10/01/2003
Action: Soil and Water Investigation Report

Global Id: T0601900119
Action Type: RESPONSE
Date: 04/01/2004
Action: Soil and Water Investigation Workplan

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 08/08/2006
Action: Staff Letter

Global Id: T0601900119
Action Type: Other
Date: 09/19/1988
Action: Leak Stopped

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 11/28/2006
Action: Staff Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 06/12/2007
Action: Staff Letter

Global Id: T0601900119
Action Type: Other
Date: 09/21/1988
Action: Leak Reported

Global Id: T0601900119
Action Type: RESPONSE
Date: 06/06/2006

VACANT LOT (ABD S/S) (Continued) **S100227483**

Action: Soil and Water Investigation Report

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 06/26/2003
Action: Staff Letter

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 08/12/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 12/23/2005
Action: Staff Letter

Global Id: T0601900119
Action Type: RESPONSE
Date: 04/01/2007
Action: Other Report / Document

Global Id: T0601900119
Action Type: RESPONSE
Date: 11/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: ENFORCEMENT
Date: 09/19/2008
Action: Staff Letter

Global Id: T0601900119
Action Type: RESPONSE
Date: 08/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: RESPONSE
Date: 02/01/2008
Action: Remedial Progress Report

Global Id: T0601900119
Action Type: RESPONSE
Date: 08/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: RESPONSE
Date: 05/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0601900119
Action Type: RESPONSE
Date: 11/01/2006
Action: Interim Remedial Action Plan

VACANT LOT (ABD S/S) (Continued) **S100227483**

LUST:
Global Id: T0601900119
Status: Open - Case Begin Date
Status Date: 09/19/1988

Global Id: T0601900119
Status: Open - Site Assessment
Status Date: 09/21/1988

Global Id: T0601900119
Status: Open - Site Assessment
Status Date: 08/23/2005

Global Id: T0601900119
Status: Completed - Case Closed
Status Date: 04/29/2010

LUST REG 5:
Name: VACANT LOT (ABD S/S)
Address: 437 CALIFORNIA AVE W
City: FRESNO
Region: 5
Status: Pollution Characterization
Case Number: 5T10000121
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JWH
Lead Agency: Regional
Program: LUST
MTBE Code: 0

HIST CORTESE:
edr_fname: VACANT LOT (ABD S/S)
edr_fadd1: 437 CALIFORNIA
City,State,Zip: FRESNO, CA 93706
Region: CORTESE
Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000121

CERS:
Name: VACANT LOT (ABD S/S)
Address: 437 CALIFORNIA AVE W
City,State,Zip: FRESNO, CA 93706
Site ID: 244504
CERS ID: T0601900119
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title: Not reported
Affiliation Address: 1221 Fulton Street
Affiliation City: Fresno
Affiliation State: CA

VACANT LOT (ABD S/S) (Continued) **S100227483**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title:	Not reported
Affiliation Address:	1685 E STREET
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D15 **CRICKET COMMUNICATIONS** **CUPA Listings** **S109517072**
ENE **54 E CALIFORNIA AVE** **N/A**
< 1/8 **FRESNO, CA 93704**
0.070 mi.
372 ft. **Site 2 of 2 in cluster D**

Relative: **Higher**
Actual: **286 ft.**

CUPA FRESNO:

Name:	CRICKET COMMUNICATIONS
Address:	54 E CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93704
Facility ID:	FA0281088
Cross Street:	Not reported
APM Number:	47712103
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.72107381
GIS Longitude:	-119.81223466
Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE

E16 **COUNTRYWIDE BUILDING MATERIALS** **CUPA Listings** **S110115250**
ENE **19 FRESNO ST** **N/A**
< 1/8 **FRESNO, CA 93706**
0.073 mi.
387 ft. **Site 1 of 2 in cluster E**

Relative: **Lower**
Actual: **282 ft.**

CUPA FRESNO:

Name:	COUNTRYWIDE BUILDING MATERIALS
Address:	19 FRESNO ST
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0281509
Cross Street:	Not reported
APM Number:	46729108
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.722099072
GIS Longitude:	-119.812925
Program Element:	HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

17
East
< 1/8
0.083 mi.
437 ft.

A&A AUTO WRECKING
410 W GEARY
FRESNO, CA 93706

CUPA Listings

S104869066
N/A

Relative:
Higher

Actual:
291 ft.

CUPA FRESNO:

Name:	A&A AUTO WRECKING
Address:	410 W GEARY
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0273190
Cross Street:	Not reported
APM Number:	47706009
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.7171
GIS Longitude:	-119.8174
Program Element:	MISCELLANEOUS SITE ASSESSMENT

18
ENE
< 1/8
0.105 mi.
552 ft.

T-MOBILE CELL SITE SC10124B
69 FRESNO ST
FRESNO, CA 93706

CUPA Listings

S111413505
N/A

Relative:
Higher

Actual:
283 ft.

CUPA FRESNO:

Name:	T-MOBILE CELL SITE SC10124B
Address:	69 FRESNO ST
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0282258
Cross Street:	Not reported
APM Number:	46729205T
CERS Id:	Not reported
SWIS Number:	Not reported
GIS Latitude:	36.721582344
GIS Longitude:	-119.81188246
Program Element:	HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

E19
ENE
< 1/8
0.123 mi.
650 ft.

CITY OF FRESNO WELL 26A
1247 COBB AVE
FRESNO, CA 93706

Site 2 of 2 in cluster E

CUPA Listings
CERS

S114562036
N/A

Relative:
Lower

Actual:
282 ft.

CUPA FRESNO:

Name:	CITY OF FRESNO WELL 26A
Address:	1247 COBB AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0283333
Cross Street:	MERCED
APM Number:	46728303T
CERS Id:	10693885
SWIS Number:	Not reported
GIS Latitude:	36.7225
GIS Longitude:	-119.8126
Program Element:	HAZARDOUS MATERIALS HANDLER - WELL SITE

CITY OF FRESNO WELL 26A (Continued) **S114562036**

CERS:
- Name: CITY OF FRESNO WELL 26A
- Address: 1247 COBB AVE
- City,State,Zip: FRESNO, CA 93706
- Site ID: 418660
- CERS ID: 10693885
- CERS Description: Chemical Storage Facilities

Coordinates:
- Site ID: 418660
- Facility Name: CITY OF FRESNO WELL 26A
- Env Int Type Code: HMBP
- Program ID: 10693885
- Coord Name: Not reported
- Ref Point Type Desc: Entrance point of a facility or station
- Latitude: 36.722500
- Longitude: -119.812600

Affiliation:
- Affiliation Type Desc: Legal Owner
- Entity Name: CITY OF FRESNO, WATER DIVISION
- Entity Title: Not reported
- Affiliation Address: 1910 E. UNIVERSITY AVE
- Affiliation City: FRESNO
- Affiliation State: CA
- Affiliation Country: United States
- Affiliation Zip: 93703
- Affiliation Phone: (559) 621-5300

- Affiliation Type Desc: Operator
- Entity Name: City of Fresno/DPU/Water Division
- 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: (559) 621-5300

- Affiliation Type Desc: Parent Corporation
- Entity Name: City of Fresno Well Site Organization
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: CUPA District
- Entity Name: Fresno County Community Health Department
- Entity Title: Not reported
- Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
- Affiliation City: Fresno
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 93775

CITY OF FRESNO WELL 26A (Continued) **S114562036**

Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Document Preparer
Entity Name:	Erin Sorge
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	ROBERT LITTLE
Entity Title:	WATER SYSTEMS SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ROBERT LITTLE
Entity Title:	Not reported
Affiliation Address:	1910 E. UNIVERSITY AVE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93703
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1910 E. UNIVERSITY AVE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93703
Affiliation Phone:	Not reported

F20 **FOSTER FARMS BELGRAVIA PLANT** **AST** **A100339375**
SSW **900 W BELGRAVIA** **N/A**
1/8-1/4 **FRESNO, CA**
0.130 mi.
684 ft. **Site 1 of 6 in cluster F**

Relative: AST:
Lower

Actual:
275 ft.

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 W BELGRAVIA
City/Zip:	FRESNO,
Certified Unified Program Agencies:	Fresno
Owner:	FOSTER POULTRY FARMS
Total Gallons:	10,000
CERSID:	Not reported
Facility ID:	Not reported

FOSTER FARMS BELGRAVIA PLANT (Continued) **A100339375**

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

F21 **ZACKY FARMS PROCESSING** **HIST UST** **S106395901**
SSW **900 WEST BELGRAVIA** **CHMIRS** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
684 ft. **Site 2 of 6 in cluster F**

Relative: HIST UST:
Lower

Name:	ZACKY FARMS PROCESSING
Address:	900 WEST BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
File Number:	00025971
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025971.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

Actual:
275 ft.

Click here for Geo Tracker PDF:

ZACKY FARMS PROCESSING (Continued) **S106395901**

CHMIRS:

Name:	Not reported
Address:	900 WEST BELGRAVIA
City,State,Zip:	FRESNO, CA
OES Incident Number:	3-1570
OES notification:	03/22/2003
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	NRC
Incident Date:	3/22/200312:00:00 AM
Admin Agency:	Fresno County Health Department
Amount:	Not reported
Contained:	No
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Anhydrous Ammonia
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0

ZACKY FARMS PROCESSING (Continued) **S106395901**

Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Material released from a processing plant due to unknown cause.

F22
SSW
1/8-1/4
0.130 mi.
684 ft.

Relative:
Lower

Actual:
275 ft.

ZACKY FARMS
900 W BELGRAVIA AVE
FRESNO, CA 93706

Site 3 of 6 in cluster F

RCRA-SQG **1000273367**
SWEEPS UST **CAD982467714**
HIST UST
CA FID UST
CHMIRS
CUPA Listings
EMI
HAZNET
CIWQS
CERS

RCRA-SQG:

Date form received by agency:	02/11/1993
Facility name:	ZACKY FARMS
Facility address:	900 W BELGRAVIA AVE FRESNO, CA 93706
EPA ID:	CAD982467714
Contact:	MARK OCHINERO
Contact address:	PO BOX 12556 FRESNO, CA 93778
Contact country:	US
Contact telephone:	209-486-2310
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ZACKY FARMS INC
Owner/operator address:	P O BOX 12556 FRESNO, CA 93778
Owner/operator country:	Not reported
Owner/operator telephone:	209-486-2310
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

ZACKY FARMS (Continued) **1000273367**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

SWEEPS UST:
Name: ZACKY FARMS CHICKEN PLANT
Address: 900 W BELGRAVIA
City: FRESNO
Status: Active
Comp Number: 4090
Number: 1
Board Of Equalization: 44-003484
Referral Date: 12-21-92
Action Date: 06-28-93
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 10-000-004090-000003
Tank Status: A
Capacity: 12000
Active Date: 12-21-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Name: ZACKY FARMS CHICKEN PLANT

ZACKY FARMS (Continued) **1000273367**

Address:	900 W BELGRAVIA
City:	FRESNO
Status:	Active
Comp Number:	4090
Number:	1
Board Of Equalization:	44-003484
Referral Date:	12-21-92
Action Date:	06-28-93
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-004090-000004
Tank Status:	A
Capacity:	12000
Active Date:	12-21-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

HIST UST:

Name:	ZACKY FARMS PROCESSING
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000004090
Facility Type:	Other
Other Type:	Not reported
Contact Name:	GENE JOHNSON
Telephone:	2094862310
Owner Name:	ZACKY FARMS, INC.
Owner Address:	6104 EAST SHEILA STREET
Owner City,St,Zip:	CITY OF COMMERCE, CA 93340
Total Tanks:	0009
Tank Num:	001
Container Num:	#02
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	#04
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	03
Year Installed:	Not reported

ZACKY FARMS (Continued) **1000273367**

Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	1
Year Installed:	1978
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	#05
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	006
Container Num:	#6
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	007
Container Num:	07
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	008
Container Num:	#08
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	009
Container Num:	09
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR

ZACKY FARMS (Continued) **1000273367**

Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CA FID UST:
Facility ID: 10002638
Regulated By: UTNKA
Regulated ID: 00004090
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2094862310
Mail To: Not reported
Mailing Address: 900 W BELGRAVIA
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:
Name: Not reported
Address: 900 W. BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
OES Incident Number: 15-3038
OES notification: 05/31/2015
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No

ZACKY FARMS (Continued) **1000273367**

Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Lbs.
Other:	Not reported
Date/Time:	30
Year:	2015
Agency:	Foster Farms
Incident Date:	05/31/2015
Admin Agency:	Fresno County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Anhydrous Ammonia
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per the caller they were trying to install an isolation valve. They were doing a pump down of the system and popped a relief valve.

CUPA FRESNO:

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0169100
Cross Street:	TEILMAN
APM Number:	47705323S
CERS Id:	10166927
SWIS Number:	Not reported
GIS Latitude:	36.716067688
GIS Longitude:	-119.82411185
Program Element:	UST REMOVAL/CLOSURE W/2 TANKS

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE

ZACKY FARMS (Continued) **1000273367**

City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169100
Cross Street: TEILMAN
APM Number: 47705323S
CERS Id: 10166927
SWIS Number: Not reported
GIS Latitude: 36.716067688
GIS Longitude: -119.82411185
Program Element: HAZ MAT DISCLOSURE/CLOSED SITE

Name: FOSTER FARMS BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169100
Cross Street: TEILMAN
APM Number: 47705323S
CERS Id: 10166927
SWIS Number: Not reported
GIS Latitude: 36.716067688
GIS Longitude: -119.82411185
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: FOSTER FARMS BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169100
Cross Street: TEILMAN
APM Number: 47705323S
CERS Id: 10166927
SWIS Number: Not reported
GIS Latitude: 36.716067688
GIS Longitude: -119.82411185
Program Element: HAZARDOUS WASTE GENERATOR (SQG)

Name: FOSTER FARMS BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169100
Cross Street: TEILMAN
APM Number: 47705323S
CERS Id: 10166927
SWIS Number: Not reported
GIS Latitude: 36.716067688
GIS Longitude: -119.82411185
Program Element: AST STORAGE CAPACITY 10,000 TO 99,999 GAL

Name: FOSTER FARMS BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169100
Cross Street: TEILMAN
APM Number: 47705323S
CERS Id: 10166927
SWIS Number: Not reported
GIS Latitude: 36.716067688
GIS Longitude: -119.82411185
Program Element: RMP PROCESS - PROGRAM LEVEL 3

ZACKY FARMS (Continued) **1000273367**

EMI:

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2003
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	6
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2004
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.486830888
Reactive Organic Gases Tons/Yr:	0.205540001
Carbon Monoxide Emissions Tons/Yr:	0.076376
NOX - Oxides of Nitrogen Tons/Yr:	0.992600006
SOX - Oxides of Sulphur Tons/Yr:	0.023304
Particulate Matter Tons/Yr:	0.350128001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.350128001

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2005
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.4868308880045653718
Reactive Organic Gases Tons/Yr:	.2055400009155275
Carbon Monoxide Emissions Tons/Yr:	.076376000213623
NOX - Oxides of Nitrogen Tons/Yr:	.992600006103515

ZACKY FARMS (Continued) **1000273367**

SOX - Oxides of Sulphur Tons/Yr: .02330400009155276
Particulate Matter Tons/Yr: .350128000640869
Part. Matter 10 Micrometers and Smllr Tons/Yr: .350128000640869

Name: FOSTER FARMS, BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Year: 2006
County Code: 10
Air Basin: SJV
Facility ID: 1406
Air District Name: SJU
SIC Code: 2015
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .4460563573832768829
Reactive Organic Gases Tons/Yr: .1883249940872195
Carbon Monoxide Emissions Tons/Yr: .0753299976348877
NOX - Oxides of Nitrogen Tons/Yr: .838349973678589
SOX - Oxides of Sulphur Tons/Yr: .02186999931335446
Particulate Matter Tons/Yr: .3596399887084961
Part. Matter 10 Micrometers and Smllr Tons/Yr: .3596399887084961

Name: FOSTER FARMS, BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA
Year: 2007
County Code: 10
Air Basin: SJV
Facility ID: 1406
Air District Name: SJU
SIC Code: 2015
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .4322299817228481762
Reactive Organic Gases Tons/Yr: .1824874982833865
Carbon Monoxide Emissions Tons/Yr: .0729939994812012
NOX - Oxides of Nitrogen Tons/Yr: .53085504617691
SOX - Oxides of Sulphur Tons/Yr: .1006619991302491
Particulate Matter Tons/Yr: .3484849979400631
Part. Matter 10 Micrometers and Smllr Tons/Yr: .3484849979400631

Name: FOSTER FARMS, BELGRAVIA PLANT
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Year: 2008
County Code: 10
Air Basin: SJV
Facility ID: 1406
Air District Name: SJU
SIC Code: 2015
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .4706833262061804831

ZACKY FARMS (Continued) **1000273367**

Reactive Organic Gases Tons/Yr:	.1987225003242494
Carbon Monoxide Emissions Tons/Yr:	.0794739999771119
NOX - Oxides of Nitrogen Tons/Yr:	.577985549879075
SOX - Oxides of Sulphur Tons/Yr:	.1096110001087189
Particulate Matter Tons/Yr:	.3793869995117189
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.3793869995117189

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2009
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.54335385281460202
Reactive Organic Gases Tons/Yr:	0.229403996658325
Carbon Monoxide Emissions Tons/Yr:	7.4575198516845704
NOX - Oxides of Nitrogen Tons/Yr:	0.75851998901367201
SOX - Oxides of Sulphur Tons/Yr:	0.120098998260498
Particulate Matter Tons/Yr:	0.32026399536132799
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.32026399536132799

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2010
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.58339531975367098
Reactive Organic Gases Tons/Yr:	0.24630950400000001
Carbon Monoxide Emissions Tons/Yr:	8.1256001970000007
NOX - Oxides of Nitrogen Tons/Yr:	0.81423001100000003
SOX - Oxides of Sulphur Tons/Yr:	0.129
Particulate Matter Tons/Yr:	0.34378600399999998
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.34378600399999998

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2011
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD

ZACKY FARMS (Continued) **1000273367**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.4812884839
Reactive Organic Gases Tons/Yr:	0.2031999979
Carbon Monoxide Emissions Tons/Yr:	0.007425
NOX - Oxides of Nitrogen Tons/Yr:	0.53678049437
SOX - Oxides of Sulphur Tons/Yr:	0.10587749891
Particulate Matter Tons/Yr:	2.2556458211
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.6636540739

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2012
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.50496328255
Reactive Organic Gases Tons/Yr:	0.21319549789
Carbon Monoxide Emissions Tons/Yr:	0.41927070147
NOX - Oxides of Nitrogen Tons/Yr:	0.57315099325
SOX - Oxides of Sulphur Tons/Yr:	0.11157749891
Particulate Matter Tons/Yr:	2.3070093702
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.7041685583

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2013
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.49438637045
Reactive Organic Gases Tons/Yr:	0.217530003
Carbon Monoxide Emissions Tons/Yr:	0.215888859
NOX - Oxides of Nitrogen Tons/Yr:	0.625997366
SOX - Oxides of Sulphur Tons/Yr:	0.113351002
Particulate Matter Tons/Yr:	2.3899745436
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.763622982

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2014
County Code:	10
Air Basin:	SJV
Facility ID:	1406

ZACKY FARMS (Continued) **1000273367**

Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.53614886414
Reactive Organic Gases Tons/Yr:	0.23590550022
Carbon Monoxide Emissions Tons/Yr:	0.21074314776
NOX - Oxides of Nitrogen Tons/Yr:	0.68330195111
SOX - Oxides of Sulphur Tons/Yr:	0.12279225011
Particulate Matter Tons/Yr:	2.3756420214
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.7611832151

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2015
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.51209091591
Reactive Organic Gases Tons/Yr:	0.225320003
Carbon Monoxide Emissions Tons/Yr:	0.212661757
NOX - Oxides of Nitrogen Tons/Yr:	0.650481064
SOX - Oxides of Sulphur Tons/Yr:	0.1174
Particulate Matter Tons/Yr:	2.3721758369
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.754376287

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2016
County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.37163068864
Reactive Organic Gases Tons/Yr:	0.163517503
Carbon Monoxide Emissions Tons/Yr:	0.136369946
NOX - Oxides of Nitrogen Tons/Yr:	0.475423007
SOX - Oxides of Sulphur Tons/Yr:	0.0851
Particulate Matter Tons/Yr:	1.9573318716
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.438190311

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706
Year:	2017

ZACKY FARMS (Continued) **1000273367**

County Code:	10
Air Basin:	SJV
Facility ID:	1406
Air District Name:	SJU
SIC Code:	2015
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.37954545455
Reactive Organic Gases Tons/Yr:	0.167
Carbon Monoxide Emissions Tons/Yr:	0.0356
NOX - Oxides of Nitrogen Tons/Yr:	0.453372002
SOX - Oxides of Sulphur Tons/Yr:	0.0871
Particulate Matter Tons/Yr:	1.9748067967
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.452018758

HAZNET:

Name:	ZACKY FARMS
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 937060000
Year:	2002
GEPAID:	CAD982467714
Contact:	MARK OCHINERO
Telephone:	5594862310
Mailing Name:	Not reported
Mailing Address:	PO BOX 831
Mailing City,St,Zip:	LIVINGSTON, CA 953340000
Gen County:	Fresno
TSD EPA ID:	CAD093459485
TSD County:	Fresno
Tons:	0.084
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	T01-Treatment, Tank
Facility County:	Fresno

Name:	ZACKY FARMS
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 937060000
Year:	2002
GEPAID:	CAD982467714
Contact:	MARK OCHINERO
Telephone:	5594862310
Mailing Name:	Not reported
Mailing Address:	PO BOX 831
Mailing City,St,Zip:	LIVINGSTON, CA 953340000
Gen County:	Fresno
TSD EPA ID:	CAT000613893
TSD County:	Los Angeles
Tons:	1.1508
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	T01-Treatment, Tank
Facility County:	Fresno

Name:	ZACKY FARMS
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 937060000
Year:	2002

ZACKY FARMS (Continued) **1000273367**

GEPAID: CAD982467714
Contact: MARK OCHINERO
Telephone: 5594862310
Mailing Name: Not reported
Mailing Address: PO BOX 831
Mailing City,St,Zip: LIVINGSTON, CA 953340000
Gen County: Fresno
TSD EPA ID: CAD066113465
TSD County: Fresno
Tons: 0.30024
CA Waste Code: 741-Liquids with halogenated organic compounds >= 1,000 Mg./L
Method: H01-Transfer Station
Facility County: Fresno

Name: ZACKY FARMS
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 937060000
Year: 2001
GEPAID: CAD982467714
Contact: MARK OCHINERO
Telephone: 5594862310
Mailing Name: Not reported
Mailing Address: PO BOX 831
Mailing City,St,Zip: LIVINGSTON, CA 953340000
Gen County: Fresno
TSD EPA ID: CAD980673842
TSD County: Fresno
Tons: 5.529
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Fresno

Name: ZACKY FARMS
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 937060000
Year: 2001
GEPAID: CAD982467714
Contact: MARK OCHINERO
Telephone: 5594862310
Mailing Name: Not reported
Mailing Address: PO BOX 831
Mailing City,St,Zip: LIVINGSTON, CA 953340000
Gen County: Fresno
TSD EPA ID: CAD066113465
TSD County: Fresno
Tons: 0.6753
CA Waste Code: 741-Liquids with halogenated organic compounds >= 1,000 Mg./L
Method: H01-Transfer Station
Facility County: Fresno

Click this hyperlink while viewing on your computer to access
13 additional CA_HAZNET: record(s) in the EDR Site Report.

CIWQS:
Name: ZACKY FARMS
Address: 900 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706

ZACKY FARMS (Continued) **1000273367**

Agency:	Zacky Farms
Agency Address:	PO Box 12556, Fresno, CA 93778
Place/Project Type:	Industrial - Poultry Slaughtering and Processing
SIC/NAICS:	2015
Region:	5F
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5F10I004632
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/08/1992
Termination Date:	10/29/2001
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	36.71587
Longitude:	-119.82104

CERS:

Name:	FOSTER FARMS, BELGRAVIA PLANT
Address:	900 W BELGRAVIA AVE
City,State,Zip:	FRESNO, CA 93706-3909
Site ID:	468680
CERS ID:	110038065955
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	JAMES MARNATTI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Mark Ochinero
Entity Title:	Not reported
Affiliation Address:	POBOX 12556
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	JAMES MARNATTI
Entity Title:	Not reported
Affiliation Address:	POBOX 831

ZACKY FARMS (Continued) **1000273367**

Affiliation City:	LIVINGSTON
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	RICHARD PEACOCK
Entity Title:	MAINTENANCE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

F23 **FOSTER FARMS BELGRAVIA PLANT** **AST** **A100420097**
SSW **900 WEST BELGRAVIA AVENUE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
684 ft. **Site 4 of 6 in cluster F**

Relative: AST:
Lower

Actual:
275 ft.

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 WEST BELGRAVIA AVENUE
City/Zip:	FRESNO,93706
Certified Unified Program Agencies:	Not reported
Owner:	Foster Poultry Farms
Total Gallons:	Not reported
CERSID:	10166927
Facility ID:	FA0169100
Business Name:	Foster Poultry Farms
Phone:	209-394-7901
Fax:	Not reported
Mailing Address:	P.O. Box 831
Mailing Address City:	Livingston
Mailing Address State:	CA
Mailing Address Zip Code:	95334
Operator Name:	Foster Farms Belgravia Plant
Operator Phone:	559-265-2000
Owner Phone:	209-394-7901
Owner Mail Address:	P.O. Box 831
Owner State:	CA
Owner Zip Code:	95334
Owner Country:	United States
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:	CAL000234067

F24 **FOSTER FARMS BELGRAVIA PLANT** **CERS HAZ WASTE** **S121773106**
SSW **900 WEST BELGRAVIA AVENUE** **CERS TANKS** **N/A**
1/8-1/4 **FRESNO, CA 93706** **CERS**
0.130 mi.
684 ft. **Site 5 of 6 in cluster F**

Relative: Lower

Actual: 275 ft.

CERS HAZ WASTE:

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 WEST BELGRAVIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Site ID:	392966
CERS ID:	10166927
CERS Description:	Hazardous Chemical Management

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 WEST BELGRAVIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Site ID:	392966
CERS ID:	10166927
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 WEST BELGRAVIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Site ID:	392966
CERS ID:	10166927
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	FOSTER FARMS BELGRAVIA PLANT
Address:	900 WEST BELGRAVIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Site ID:	392966
CERS ID:	10166927
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	392966
Site Name:	Foster Farms Belgravia Plant
Violation Date:	05-19-2014
Citation:	HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description:	Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	05-19-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	accompany G. Mahal on ammonia release investigation at facility.
Eval Division:	Fresno County Department of Public Health

FOSTER FARMS BELGRAVIA PLANT (Continued) **S121773106**

Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-19-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Limited inspection for no electronic BP. Follow up with Gomez for release.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	pending portal
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	APSA
Eval Source:	CERS

FOSTER FARMS BELGRAVIA PLANT (Continued) **S121773106**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Joint with EPA
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Foster Poultry Farms
Entity Title: Not reported
Affiliation Address: P.O. Box 831
Affiliation City: Livingston
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95334
Affiliation Phone: (209) 394-7901

Affiliation Type Desc: Document Preparer
Entity Name: Denise Holmes
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Foster Poultry Farms
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

FOSTER FARMS BELGRAVIA PLANT (Continued) **S121773106**

Affiliation Type Desc:	Property Owner
Entity Name:	Foster Poultry Farms
Entity Title:	Not reported
Affiliation Address:	1333 Swan Street
Affiliation City:	Livingston
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95334
Affiliation Phone:	(209) 394-6914

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 831
Affiliation City:	Livingston
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95334
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Foster Farms Belgravia Plant
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:	(559) 265-2093

Affiliation Type Desc:	Environmental Contact
Entity Name:	Denise Holmes
Entity Title:	Not reported
Affiliation Address:	P.O. Box 831
Affiliation City:	Livingston
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95334
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Denise Holmes
Entity Title:	Environmental Program Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

FOSTER FARMS BELGRAVIA PLANT (Continued) **S121773106**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

F25 **FOSTER FARMS BELGRAVIA PLANT** **RCRA NonGen / NLR** **1024801768**
SSW **900 W BELGRAVIA AVE** **CAL000234067**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
684 ft. **Site 6 of 6 in cluster F**

Relative:
Lower

Actual:
275 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/12/2001
Facility name: FOSTER FARMS BELGRAVIA PLANT
Facility address: 900 W BELGRAVIA AVE
FRESNO, CA 93706-0000
EPA ID: CAL000234067
Mailing address: 1333 SWAN STREET
LIVINGSTON, CA 95334-0000
Contact: DENISE HOLMES
Contact address: 1333 SWAN STREET PO BOX 831
LIVINGSTON, CA 95334
Contact country: Not reported
Contact telephone: 209-394-5352
Contact email: DENISE.HOLMES@FOSTERFARMS.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DENISE HOLMES
Owner/operator address: 1333 SWAN STREET PO BOX 831
LIVINGSTON, CA 95334
Owner/operator country: Not reported
Owner/operator telephone: 209-394-5352
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FOSTER FARMS
Owner/operator address: 1333 SWAN STREET
LIVINGSTON, CA 95334
Owner/operator country: Not reported
Owner/operator telephone: 209-394-5352
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

FOSTER FARMS BELGRAVIA PLANT (Continued) **1024801768**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

G26 **ORTEGA'S MEAT** **AST** **A100338194**
SE **2316 S FRUIT** **N/A**
1/8-1/4 **FRESNO, CA**
0.130 mi.
687 ft. **Site 1 of 9 in cluster G**

Relative:
Higher

Actual:
286 ft.

AST:

Name:	ORTEGA'S MEAT
Address:	2316 S FRUIT
City/Zip:	FRESNO,
Certified Unified Program Agencies:	Fresno
Owner:	ORTEGA'S MEAT DISTRIBUTION INC
Total Gallons:	1,320
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

G27 **HARVEY BY-PRODUCTS CO.** **SWEEPS UST** **S101621641**
SE **2316 S FRUIT AVE** **CA FID UST** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
687 ft. **Site 2 of 9 in cluster G**

Relative:
Higher

Actual:
286 ft.

SWEEPS UST:

Name:	HARVEY BY-PRODUCTS CO.
Address:	2316 S FRUIT AVE
City:	FRESNO
Status:	Not reported
Comp Number:	40449
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-040449-000001
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	HARVEY BY-PRODUCTS CO.
Address:	2316 S FRUIT AVE
City:	FRESNO
Status:	Not reported
Comp Number:	40449
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-040449-000002
Tank Status:	Not reported
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10001271
Regulated By:	UTNKI
Regulated ID:	00040449
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2092645730
Mail To:	Not reported
Mailing Address:	2316 S FRUIT AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FRESNO 93706
Contact:	Not reported

HARVEY BY-PRODUCTS CO. (Continued) **S101621641**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

G28 **ORTEGA'S MEAT** **CUPA Listings** **S106175498**
SE **2316 S FRUIT AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
687 ft. **Site 3 of 9 in cluster G**

Relative: CUPA FRESNO:
Higher

Actual:
286 ft.

Name: ORTEGA'S MEAT
Address: 2316 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169658
Cross Street: FLORENCE
APM Number: 47704040
CERS Id: 10700764
SWIS Number: Not reported
GIS Latitude: 36.717428105
GIS Longitude: -119.81875963
Program Element: UST REMOVAL/CLOSURE W/2 TANKS

Name: ORTEGA'S MEAT
Address: 2316 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169658
Cross Street: FLORENCE
APM Number: 47704040
CERS Id: 10700764
SWIS Number: Not reported
GIS Latitude: 36.717428105
GIS Longitude: -119.81875963
Program Element: HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

Name: ORTEGA'S MEAT
Address: 2316 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169658
Cross Street: FLORENCE
APM Number: 47704040
CERS Id: 10700764
SWIS Number: Not reported
GIS Latitude: 36.717428105
GIS Longitude: -119.81875963
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: ORTEGA'S MEAT
Address: 2316 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169658
Cross Street: FLORENCE
APM Number: 47704040
CERS Id: 10700764
SWIS Number: Not reported

ORTEGA'S MEAT (Continued) **S106175498**

GIS Latitude:	36.717428105
GIS Longitude:	-119.81875963
Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)
Name:	ORTEGA'S MEAT
Address:	2316 S FRUIT AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0169658
Cross Street:	FLORENCE
APM Number:	47704040
CERS Id:	10700764
SWIS Number:	Not reported
GIS Latitude:	36.717428105
GIS Longitude:	-119.81875963
Program Element:	AST STORAGE CAPACITY 1,320 TO 9,999 GAL

G29 **HARVEY BY-PRODUCTS CO** **HIST UST** **U001591658**
SE **2316 S FRUIT AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.130 mi.
687 ft. **Site 4 of 9 in cluster G**

Relative: **Higher**
Actual: **286 ft.**

HIST UST:

Name:	HARVEY BY-PRODUCTS CO
Address:	2316 S FRUIT AVE
City,State,Zip:	FRESNO, CA 93706
File Number:	0002442A
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002442A.pdf
Region:	STATE
Facility ID:	00000040449
Facility Type:	Other
Other Type:	PRODUCTS CO.
Contact Name:	Not reported
Telephone:	2092645730
Owner Name:	HARVEY BY-PRODUCTS CO.
Owner Address:	2316 S. FRUIT AVE
Owner City,St,Zip:	FRESNO, CA 93706
Total Tanks:	0002
Tank Num:	001
Container Num:	01
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	02
Year Installed:	Not reported
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

HARVEY BY-PRODUCTS CO (Continued) **U001591658**

Click here for Geo Tracker PDF:

G30 **PETERSON MFG. CO.** **SWEEPS UST** **S101630117**
SE **2354 S FRUIT** **CA FID UST** **N/A**
1/8-1/4 **FRESNO, CA 93706** **EMI**
0.156 mi.
825 ft. **Site 5 of 9 in cluster G**

Relative:
Higher

Actual:
285 ft.

SWEEPS UST:

Name:	PETERSON MFG. CO.
Address:	2354 S FRUIT
City:	FRESNO
Status:	Not reported
Comp Number:	10750
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-010750-000001
Tank Status:	Not reported
Capacity:	7500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	2

Name:	PETERSON MFG. CO.
Address:	2354 S FRUIT
City:	FRESNO
Status:	Not reported
Comp Number:	10750
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-010750-000002
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10002925
Regulated By:	UTNKI
Regulated ID:	00010750
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2092685325
Mail To:	Not reported

PETERSON MFG. CO. (Continued) **S101630117**

Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

EMI:

Name: PETERSON MANUFACTURING CO
Address: 2354 S FRUIT
City,State,Zip: FRESNO, CA 93706
Year: 1987
County Code: 10
Air Basin: SJV
Facility ID: 100
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 28
SOX - Oxides of Sulphur Tons/Yr: 80
Particulate Matter Tons/Yr: 6
Part. Matter 10 Micrometers and Smllr Tons/Yr: 5

Name: DARLING DELAWARE
Address: 2354 S FRUIT
City,State,Zip: FRESNO, CA 93706
Year: 1990
County Code: 10
Air Basin: SJV
Facility ID: 100
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 3
NOX - Oxides of Nitrogen Tons/Yr: 14
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: DARLING DELAWARE
Address: 2354 S FRUIT
City,State,Zip: FRESNO, CA 93706
Year: 1993
County Code: 10

PETERSON MFG. CO. (Continued) **S101630117**

Air Basin:	SJV
Facility ID:	100
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	13
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

G31 **PETERSON MFG. CO.** **HIST UST** **U001591810**
SE **2354 S FRUIT AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.156 mi.
825 ft. **Site 6 of 9 in cluster G**

Relative: **Higher**

Actual: **285 ft.**

HIST UST:

Name:	PETERSON MFG. CO.
Address:	2354 S FRUIT AVE
City,State,Zip:	FRESNO, CA 93706
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000019693
Facility Type:	Other
Other Type:	RENDERING
Contact Name:	ED JENKINS
Telephone:	2092685325
Owner Name:	PETERSON MFG. CO. SUBSIDIARY K
Owner Address:	2626 E 25TH STREET
Owner City,St,Zip:	LOS ANGELES, CA 90058
Total Tanks:	0002
Tank Num:	001
Container Num:	17
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	001
Container Num:	15
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	16

PETERSON MFG. CO. (Continued) **U001591810**

Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

H32 **SUBURBAN STEEL** **CUPA Listings** **S106176436**
NNW **706 W CALIFORNIA AVE** **CERS** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.163 mi.
859 ft. **Site 1 of 4 in cluster H**

Relative:
Lower

Actual:
279 ft.

CUPA FRESNO:

Name:	SUBURBAN STEEL
Address:	706 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0169073
Cross Street:	Not reported
APM Number:	46420009
CERS Id:	10703308
SWIS Number:	Not reported
GIS Latitude:	36.721494
GIS Longitude:	-119.819992
Program Element:	UST REMOVAL/CLOSURE W/1 TANK

Name:	SUBURBAN STEEL
Address:	706 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0169073
Cross Street:	Not reported
APM Number:	46420009
CERS Id:	10703308
SWIS Number:	Not reported
GIS Latitude:	36.721494
GIS Longitude:	-119.819992
Program Element:	SMALL HAZARDOUS MATERIALS HANDLER

CERS:

Name:	SUBURBAN STEEL
Address:	706 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Site ID:	513660
CERS ID:	10703308
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	BP inspection & Portal updates consultation
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-13-2013

SUBURBAN STEEL (Continued) **S106176436**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	BP inspection/Portal consultation
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	513660
Facility Name:	SUBURBAN STEEL
Env Int Type Code:	HMBP
Program ID:	10703308
Coord Name:	Not reported
Ref Point Type Desc:	Entrance point of a facility or station
Latitude:	36.722051
Longitude:	-119.820400

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	STAN CAVALLA / JERRY WOOD
Entity Title:	Not reported
Affiliation Address:	706 W CALIFORNIA AVENUE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93706
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	706 W CALIFORNIA AVE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93706
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Stan Cavalla
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:	(559) 268-6281

Affiliation Type Desc:	Identification Signer
Entity Name:	Jerry Wood
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

SUBURBAN STEEL (Continued) **S106176436**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Stan Cavalla
Entity Title:	Not reported
Affiliation Address:	706 W. California Ave.
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93706
Affiliation Phone:	(559) 268-6281
Affiliation Type Desc:	Document Preparer
Entity Name:	Jerry Wood
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	SUBURBAN STEEL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Legal Owner
Entity Name:	SUBURBAN STEEL INC
Entity Title:	Not reported
Affiliation Address:	706 CALIFORNIA
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93706
Affiliation Phone:	(559) 268-6281

H33 **SUBURBAN STEEL INC.** **HIST UST** **U001591877**
NNW **706 W CALIFORNIA AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.163 mi.
859 ft. **Site 2 of 4 in cluster H**

Relative: **Lower**

Actual: **279 ft.**

HIST UST:

Name:	SUBURBAN STEEL INC.
Address:	706 W CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000049111
Facility Type:	Other
Other Type:	STEEL FABRICATORS
Contact Name:	Not reported
Telephone:	2092686281
Owner Name:	SUBURBAN STEEL INC.
Owner Address:	706 WEST CALIFORNIA AVE.
Owner City,St,Zip:	FRESNO, CA 93706
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

H34 **SUBURBAN STEEL INC.** **SWEEPS UST** **S101621819**
NNW **706 W CALIFORNIA AVE** **CA FID UST** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.163 mi.
859 ft. **Site 3 of 4 in cluster H**

Relative: **Lower**

Actual: **279 ft.**

SWEEPS UST:

Name:	SUBURBAN STEEL INC.
Address:	706 W CALIFORNIA AVE
City:	FRESNO
Status:	Active
Comp Number:	49111
Number:	1
Board Of Equalization:	44-004353
Referral Date:	04-01-91
Action Date:	04-01-91
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-049111-000001
Tank Status:	A
Capacity:	500
Active Date:	04-01-91
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

SUBURBAN STEEL INC. (Continued) **S101621819**

CA FID UST:
Facility ID: 10007668
Regulated By: UTNKA
Regulated ID: 00049111
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2092686281
Mail To: Not reported
Mailing Address: 706 W CALIFORNIA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

H35 **SUBURBAN STEEL INC** **HIST UST** **S118415814**
NNW **706 WEST CALIFORNIA AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.163 mi.
859 ft. **Site 4 of 4 in cluster H**

Relative: HIST UST:
Lower
Name: SUBURBAN STEEL INC
Actual: Address: 706 WEST CALIFORNIA AVE
279 ft. City,State,Zip: FRESNO, CA 93706
File Number: 00025463
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00025463.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

Click here for Geo Tracker PDF:

36
SE
1/8-1/4
0.167 mi.
881 ft.

HYDE PARK DISPOSAL SITE
S FRUIT & FLORENCE AVE
FRESNO, CA 93706

SWF/LF **S102360037**
CUPA Listings **N/A**
CERS

Relative:
Higher

Actual:
312 ft.

SWF/LF (SWIS):

Name:	HYDE PARK DISPOSAL SITE
Address:	SE/O W. FLORENCE AVE & FRUIT AVE.
City,State,Zip:	FRESNO, CA
Facility ID:	10-CR-0059
Lat/Long:	36.71727 / -119.81723
Owner Name:	City Of Fresno
Owner Telephone:	Not reported
Owner Address:	Not reported
Owner Address2:	2600 Fresno St.
Owner City,St,Zip:	Fresno, CA 93721
Operational Status:	Closed
Operator:	Not reported
Operator Phone:	Not reported
Operator Address:	Not reported
Operator Address2:	Not reported
Operator City,St,Zip:	Not reported
Permit Date:	Not reported
Permit Status:	Not reported
Permitted Acreage:	$0.00
Activity:	Solid Waste Disposal Site
Regulation Status:	To Be Determined
Landuse Name:	Not reported
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Not reported
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	$0.00
SWIS Num:	10-CR-0059
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	0
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	0
Remaining Capacity:	0
Remaining Capacity with Units:	Not reported
Lat/Long:	36.71727 / -119.81723

CUPA FRESNO:

Name:	HYDE PARK DISPOSAL SITE
Address:	S FRUIT & FLORENCE AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0270890
Cross Street:	FLORENCE
APM Number:	47706009T
CERS Id:	Not reported
SWIS Number:	10-CR-0059
GIS Latitude:	36.7175
GIS Longitude:	-119.8162
Program Element:	SOLID WASTE FACILITY-CLOSED SITE

HYDE PARK DISPOSAL SITE (Continued) **S102360037**

CERS:
Name: HYDE PARK DISPOSAL SITE
Address: SE/O W. FLORENCE AVE & FRUIT AVE.
City,State,Zip: FRESNO, CA
Site ID: 509302
CERS ID: 10-CR-0059
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: CITY OF FRESNO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93721
Affiliation Phone: Not reported

G37 **SOUTHFIELD BEEF PACKING** **CUPA Listings** **S103644652**
SE **2356 S FRUIT** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.168 mi.
887 ft. **Site 7 of 9 in cluster G**

Relative: **Higher**
Actual: **285 ft.**

CUPA FRESNO:
Name: SOUTHFIELD BEEF PACKING
Address: 2356 S FRUIT
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0269537
Cross Street: Not reported
APM Number: 47705411
CERS Id: Not reported
SWIS Number: Not reported
GIS Latitude: 36.716397971
GIS Longitude: -119.81900751
Program Element: UST REMOVAL/CLOSURE W/1 TANK

G38 **SOUTHFIELD BEEF** **SWEEPS UST** **S101581398**
SE **2356 S FRUIT AVE** **CA FID UST** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.168 mi.
887 ft. **Site 8 of 9 in cluster G**

Relative: **Higher**
Actual: **285 ft.**

SWEEPS UST:
Name: SOUTHFIELD BEEF
Address: 2356 S FRUIT AVE
City: FRESNO
Status: Not reported
Comp Number: 49634
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

SOUTHFIELD BEEF (Continued) **S101581398**

Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-049634-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 5

Name: SOUTHFIELD BEEF
Address: 2356 S FRUIT AVE
City: FRESNO
Status: Not reported
Comp Number: 49634
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-049634-000002
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: SOUTHFIELD BEEF
Address: 2356 S FRUIT AVE
City: FRESNO
Status: Not reported
Comp Number: 49634
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-049634-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: SOUTHFIELD BEEF
Address: 2356 S FRUIT AVE
City: FRESNO
Status: Not reported
Comp Number: 49634
Number: Not reported
Board Of Equalization: Not reported

SOUTHFIELD BEEF (Continued) **S101581398**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-049634-000004
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: SOUTHFIELD BEEF
Address: 2356 S FRUIT AVE
City: FRESNO
Status: Not reported
Comp Number: 49634
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-049634-000005
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 10000638
Regulated By: UTNKI
Regulated ID: 00049634
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2092637622
Mail To: Not reported
Mailing Address: 298 N HARREY
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

G39
SE
1/8-1/4
0.169 mi.
892 ft.

SNAKE ROAD DISPOSAL SITE
S FRUIT & FLORENCE AVE
FRESNO, CA 93706

Site 9 of 9 in cluster G

CUPA Listings **S104868985**
N/A

Relative:
Higher

Actual:
286 ft.

CUPA FRESNO:

Name:	SNAKE ROAD DISPOSAL SITE
Address:	S FRUIT & FLORENCE AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0270889
Cross Street:	FLORENCE
APM Number:	47704026,50
CERS Id:	Not reported
SWIS Number:	10-CR-0013
GIS Latitude:	36.7173
GIS Longitude:	-119.8198
Program Element:	SOLID WASTE FACILITY-CLOSED SITE

I40
ENE
1/8-1/4
0.196 mi.
1033 ft.

FAMILY DOLLAR #11898
238 E CALIFORNIA AVE
FRESNO, CA 93706

Site 1 of 2 in cluster I

CERS HAZ WASTE **S121783378**
CERS **N/A**

Relative:
Higher

Actual:
293 ft.

CERS HAZ WASTE:

Name:	FAMILY DOLLAR #11898
Address:	238 E CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Site ID:	429424
CERS ID:	10750207
CERS Description:	Hazardous Waste Generator

CERS:

Name:	FAMILY DOLLAR #11898
Address:	238 E CALIFORNIA AVE
City,State,Zip:	FRESNO, CA 93706
Site ID:	429424
CERS ID:	10750207
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	429424
Facility Name:	Family Dollar #11898
Env Int Type Code:	HMBP
Program ID:	10750207
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	36.721320
Longitude:	-119.809580

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Stephanie Caiati
Entity Title:	Not reported
Affiliation Address:	500 Volvo Parkway
Affiliation City:	Chesapeake
Affiliation State:	VA
Affiliation Country:	Not reported

FAMILY DOLLAR #11898 (Continued) **S121783378**

Affiliation Zip:	23320
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Dollar Tree Stores, Inc.
Entity Title:	Not reported
Affiliation Address:	500 Volvo Parkway
Affiliation City:	Chesapeake
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23320
Affiliation Phone:	(757) 321-5000
Affiliation Type Desc:	Parent Corporation
Entity Name:	Family Dollar Stores, 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:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	500 Volvo Parkway Attn: EH&S
Affiliation City:	Chesapeake
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	23320
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Angela Jones
Entity Title:	EH&S Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Angela Jones
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Dollar Tree Stores, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported

FAMILY DOLLAR #11898 (Continued) **S121783378**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(757) 321-5000
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271

I41 **FAMILY DOLLAR # 11898** **RCRA NonGen / NLR** **1024863696**
ENE **238 EAST CALIFORNIA AVE** **CAL000432246**
1/8-1/4 **FRESNO, CA 93706**
0.196 mi.
1033 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
293 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/17/2017
Facility name:	FAMILY DOLLAR # 11898
Facility address:	238 EAST CALIFORNIA AVE FRESNO, CA 93706
EPA ID:	CAL000432246
Mailing address:	500 VOLVO PKWY ATTN EHS CHESAPEAKE, VA 23320-1604
Contact:	STEPHANIE CAIATI
Contact address:	500 VOLVO PKWY ATTN EHS CHESAPEAKE, VA 23320-1604
Contact country:	Not reported
Contact telephone:	757-321-5547
Contact email:	SCAIATI@DOLLARTREE.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DOLLAR TREE STORES INC
Owner/operator address:	500 VOLVO PKWY ATTN EHS CHESAPEAKE, VA 23320
Owner/operator country:	Not reported
Owner/operator telephone:	757-321-5000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	STEPHANIE CAIATI
Owner/operator address:	500 VOLVO PKWY ATTN EHS

FAMILY DOLLAR # 11898 (Continued) **1024863696**

CHESAPEAKE, VA 23320
Owner/operator country: Not reported
Owner/operator telephone: 757-321-5547
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J42 **M.D. WESSON DISPOSAL SITE** **SWF/LF** **S102360034**
SW **NE COR W. CHURCH AVE/S. WEST AVE** **CERS** **N/A**
1/8-1/4 **FRESNO, CA**
0.199 mi.
1049 ft. **Site 1 of 4 in cluster J**

Relative:
Lower

Actual:
274 ft.

SWF/LF (SWIS):
Name: M.D. WESSON DISPOSAL SITE
Address: NE COR W. CHURCH AVE/S. WEST AVE
City,State,Zip: FRESNO, CA
Facility ID: 10-CR-0056
Lat/Long: 36.71463 / -119.82548
Owner Name: Wesson Construction
Owner Telephone: 2092223866
Owner Address: Not reported
Owner Address2: 1912 West Sussex Way
Owner City,St,Zip: Fresno, CA 93705
Operational Status: Closed
Operator: Not reported
Operator Phone: Not reported
Operator Address: Not reported
Operator Address2: Not reported
Operator City,St,Zip: Not reported
Permit Date: Not reported
Permit Status: Not reported
Permitted Acreage: $0.00
Activity: Solid Waste Disposal Site
Regulation Status: Pre-regulations

M.D. WESSON DISPOSAL SITE (Continued) **S102360034**

Landuse Name: Not reported
GIS Source: Map
Category: Disposal
Unit Number: 01
Inspection Frequency: Quarterly
Accepted Waste: Not reported
Closure Date: 12/31/1974
Closure Type: Estimated
Disposal Acreage: $0.00
SWIS Num: 10-CR-0056
Waste Discharge Requirement Num: Not reported
Program Type: Not reported
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported
Permitted Capacity with Units: 0
Remaining Capacity: 0
Remaining Capacity with Units: Not reported
Lat/Long: 36.71463 / -119.82548

CERS:
Name: M.D. WESSON DISPOSAL SITE
Address: NE COR W. CHURCH AVE/S. WEST AVE
City,State,Zip: FRESNO, CA
Site ID: 509948
CERS ID: 10-CR-0056
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Wesson Construction
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93705
Affiliation Phone: 2092223866

43
WNW
1/8-1/4
0.209 mi.
1102 ft.

CITY OF FRESNO WELL 26B **CUPA Listings** **S114562037**
1151 W CALIFORNIA AVE **CERS** **N/A**
FRESNO, CA 93706

Relative:
Lower

Actual:
276 ft.

CUPA FRESNO:
Name: CITY OF FRESNO WELL 26B
Address: 1151 W CALIFORNIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0283334
Cross Street: CHANNING
APM Number: 47726321T
CERS Id: 10693891
SWIS Number: Not reported
GIS Latitude: 36.7209
GIS Longitude: -119.8247
Program Element: HAZARDOUS MATERIALS HANDLER - WELL SITE

CITY OF FRESNO WELL 26B (Continued) **S114562037**

CERS:
- Name: CITY OF FRESNO WELL 26B
- Address: 1151 W CALIFORNIA AVE
- City,State,Zip: FRESNO, CA 93706
- Site ID: 418661
- CERS ID: 10693891
- CERS Description: Chemical Storage Facilities

Coordinates:
- Site ID: 418661
- Facility Name: CITY OF FRESNO WELL 26B
- Env Int Type Code: HMBP
- Program ID: 10693891
- Coord Name: Not reported
- Ref Point Type Desc: Entrance point of a facility or station
- Latitude: 36.720900
- Longitude: -119.824700

Affiliation:
- Affiliation Type Desc: Environmental Contact
- Entity Name: ROBERT LITTLE
- Entity Title: Not reported
- Affiliation Address: 1910 E. UNIVERSITY AVE
- Affiliation City: FRESNO
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 93703
- Affiliation Phone: Not reported

- Affiliation Type Desc: CUPA District
- Entity Name: Fresno County Community Health Department
- Entity Title: Not reported
- Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
- Affiliation City: Fresno
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 93775
- Affiliation Phone: (559) 600-3271

- Affiliation Type Desc: Document Preparer
- Entity Name: Erin Sorge
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Identification Signer
- Entity Name: ROBERT LITTLE
- Entity Title: WATER SYSTEMS SUPERVISOR
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported

CITY OF FRESNO WELL 26B (Continued) **S114562037**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CITY OF FRESNO, WATER DIVISION
Entity Title:	Not reported
Affiliation Address:	1910 E. UNIVERSITY AVE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93703
Affiliation Phone:	(559) 621-5300
Affiliation Type Desc:	Operator
Entity Name:	City of Fresno/DPU/Water Division
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:	(559) 621-5300
Affiliation Type Desc:	Parent Corporation
Entity Name:	City of Fresno Well Site Organization
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1910 E. UNIVERSITY AVE
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93703
Affiliation Phone:	Not reported

44
ENE
1/8-1/4
0.216 mi.
1139 ft.

PRIVATE RESIDENCE
204 FRESNO ST
FRESNO, CA 93706

CUPA Listings **S106176057**
N/A

Relative:
Higher

Actual:
283 ft.

CUPA FRESNO:

Name:	PRIVATE RESIDENCE
Address:	204 FRESNO ST
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0170264
Cross Street:	MARTIN
APM Number:	46727512
CERS Id:	Not reported
SWIS Number:	Not reported

PRIVATE RESIDENCE (Continued) **S106176057**

GIS Latitude: 36.722876955
GIS Longitude: -119.81000517
Program Element: CLOSED UST FACILITY/NO CLOSURE REPORT

J45 **BUSSETO FOODS, INC** **CERS HAZ WASTE** **S121768301**
SW **1090 W CHURCH AVE** **CERS** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.226 mi.
1195 ft. **Site 2 of 4 in cluster J**

Relative:
Lower

Actual:
273 ft.

CERS HAZ WASTE:
Name: BUSSETO FOODS, INC
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Site ID: 368253
CERS ID: 10668163
CERS Description: Hazardous Chemical Management

Name: BUSSETO FOODS, INC
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Site ID: 368253
CERS ID: 10668163
CERS Description: Hazardous Waste Generator

CERS:
Name: BUSSETO FOODS, INC
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Site ID: 368253
CERS ID: 10668163
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: hazardous waste inspection.
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 101 for RMP inspection.
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS

Coordinates:
Site ID: 368253
Facility Name: Busseto Foods, Inc
Env Int Type Code: CalARP
Program ID: 10668163

BUSSETO FOODS, INC (Continued) **S121768301**

Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 36.714580
Longitude: -119.824380

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1090 W Church Ave
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93706
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Michael Gagne
Entity Title: Director Of Maintenance
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Busseto Foods, 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: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Resource Compliance
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact

BUSSETO FOODS, INC (Continued) **S121768301**

Entity Name:	Michael Gagne
Entity Title:	Not reported
Affiliation Address:	1090 W Church Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93706
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Busseto Foods, Inc
Entity Title:	Not reported
Affiliation Address:	1090 W Church Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93706
Affiliation Phone:	(559) 237-3100
Affiliation Type Desc:	Operator
Entity Name:	Busseto Foods, 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:	(559) 237-3100

J46 **BUSSETO FOODS INC** **CUPA Listings** **S118589572**
SW **1090 W CHURCH AVE** **NPDES** **N/A**
1/8-1/4 **FRESNO, CA 93706** **CIWQS**
0.226 mi.
1195 ft. **Site 3 of 4 in cluster J**

Relative: **Lower**

Actual: **273 ft.**

CUPA FRESNO:

Name:	BUSSETO FOODS
Address:	1090 W CHURCH AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0271678
Cross Street:	Not reported
APM Number:	47705319S
CERS Id:	10668163
SWIS Number:	Not reported
GIS Latitude:	36.714584912
GIS Longitude:	-119.82438004
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)
Name:	BUSSETO FOODS
Address:	1090 W CHURCH AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0271678
Cross Street:	Not reported
APM Number:	47705319S
CERS Id:	10668163
SWIS Number:	Not reported
GIS Latitude:	36.714584912

BUSSETO FOODS INC (Continued) **S118589572**

GIS Longitude: -119.82438004
Program Element: FORMER CONTAMINATED SITE/NO FURTHER ACTION

Name: BUSSETO FOODS
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0271678
Cross Street: Not reported
APM Number: 47705319S
CERS Id: 10668163
SWIS Number: Not reported
GIS Latitude: 36.714584912
GIS Longitude: -119.82438004
Program Element: CALARP PROCESS - PROGRAM LEVEL 2

Name: BUSSETO FOODS
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0271678
Cross Street: Not reported
APM Number: 47705319S
CERS Id: 10668163
SWIS Number: Not reported
GIS Latitude: 36.714584912
GIS Longitude: -119.82438004
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

NPDES:
Name: BUSSETO FOODS INC
Address: 1090 W CHURCH AVE
City,State,Zip: FRESNO, CA 93706
Facility Status: Terminated
NPDES Number: CAS000001
Region: 5F
Agency Number: 0
Regulatory Measure ID: 195781
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 5F10I009808
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 02/22/1993
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: PO Box 12403
Discharge Name: Busseto Foods Inc
Discharge City: Fresno
Discharge State: California
Discharge Zip: 93777
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

BUSSETO FOODS INC (Continued) **S118589572**

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5F
Regulatory Measure ID:	195781
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5F10I009808
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	02/22/1993
Status:	Terminated
Status Date:	10/26/2016
Place Size:	3
Place Size Unit:	Acres
Contact:	Paul D Gillum
Contact Title:	VP Operations
Contact Phone:	559-237-9591
Contact Phone Ext:	Not reported
Contact Email:	pgillum@busseto.com
Operator Name:	Busseto Foods Inc
Operator Address:	PO Box 12403
Operator City:	Fresno
Operator State:	California
Operator Zip:	93777
Operator Contact:	Paul D Gillum
Operator Contact Title:	Not reported
Operator Contact Phone:	559-237-9591
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pgillum@busseto.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	559-237-9591
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported

BUSSETO FOODS INC (Continued) **S118589572**

Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Joaquin River
Certifier:	Randy Hergenroeder
Certifier Title:	Controller CFO
Certification Date:	30-JUN-15
Primary Sic:	2011-Meat Packing Plants
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	5F
Regulatory Measure ID:	195781
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5F10I009808
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/22/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Busseto Foods Inc
Discharge Address:	PO Box 12403
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93777
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported

BUSSETO FOODS INC (Continued) **S118589572**

Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	BUSSETO FOODS INC
Address:	1090 W CHURCH AVE
City,State,Zip:	FRESNO, CA 93706
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5F10I009808
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

BUSSETO FOODS INC (Continued) **S118589572**

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	10/26/2016
Operator Name:	Busseto Foods Inc
Operator Address:	PO Box 12403
Operator City:	Fresno
Operator State:	California
Operator Zip:	93777

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5F
Regulatory Measure ID:	195781
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5F10I009808
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	02/22/1993
Status:	Terminated
Status Date:	10/26/2016
Place Size:	3
Place Size Unit:	Acres
Contact:	Paul D Gillum
Contact Title:	VP Operations
Contact Phone:	559-237-9591
Contact Phone Ext:	Not reported
Contact Email:	pgillum@busseto.com
Operator Name:	Busseto Foods Inc
Operator Address:	PO Box 12403
Operator City:	Fresno
Operator State:	California
Operator Zip:	93777
Operator Contact:	Paul D Gillum
Operator Contact Title:	Not reported
Operator Contact Phone:	559-237-9591
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	pgillum@busseto.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported

BUSSETO FOODS INC (Continued) **S118589572**

Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	559-237-9591
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Joaquin River
Certifier:	Randy Hergenroeder
Certifier Title:	Controller CFO
Certification Date:	30-JUN-15
Primary Sic:	2011-Meat Packing Plants
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	5F
Regulatory Measure ID:	195781
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5F10I009808
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/22/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Busseto Foods Inc
Discharge Address:	PO Box 12403
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93777
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

BUSSETO FOODS INC (Continued) **S118589572**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	BUSSETO FOODS INC
Address:	1090 W CHURCH AVE
City,State,Zip:	FRESNO, CA 93706
Agency:	Busseto Foods Inc

BUSSETO FOODS INC (Continued) **S118589572**

Agency Address:	PO Box 12403, Fresno, CA 93777
Place/Project Type:	Industrial - Meat Packing Plants
SIC/NAICS:	2011
Region:	5F
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5F10I009808
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	02/22/1993
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	5
Violations within 5 years:	2
Latitude:	36.71401
Longitude:	-119.82478

J47 **BUSSETO FOODS INC** **RCRA NonGen / NLR** **1024827972**
SW **1090 W CHURCH AVE** **CAL000358861**
1/8-1/4 **FRESNO, CA 93706**
0.226 mi.
1195 ft. **Site 4 of 4 in cluster J**

Relative: **Lower**
Actual: **273 ft.**

RCRA NonGen / NLR:

Date form received by agency:	11/18/2010
Facility name:	BUSSETO FOODS INC
Facility address:	1090 W CHURCH AVE FRESNO, CA 93706
EPA ID:	CAL000358861
Mailing address:	PO BOX 12403 FRESNO, CA 93777-0000
Contact:	MICHAEL GAGNE
Contact address:	1090 W CHURCH AVE EXT 215 FRESNO, CA 93706-0000
Contact country:	Not reported
Contact telephone:	559-237-9591
Contact email:	MGAGNE@BUSSETO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BUSSETO FOODS INC
Owner/operator address:	1090 W CHURCH AVE FRESNO, CA 93706
Owner/operator country:	Not reported
Owner/operator telephone:	559-237-9591
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other

BUSSETO FOODS INC (Continued) **1024827972**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MICHAEL GAGNE
Owner/operator address: 1090 W CHURCH AVE EXT 215
FRESNO, CA 93706
Owner/operator country: Not reported
Owner/operator telephone: 559-237-9591
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

K48 **CITY OF FRESNO WELL 88-2** **CUPA Listings** **S117960884**
SW **2363 S WEST AVE** **CERS** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.228 mi.
1205 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
276 ft.

CUPA FRESNO:
Name: CITY OF FRESNO WELL 88-2
Address: 2363 S WEST AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0284340
Cross Street: CHURCH
APM Number: 47703021
CERS Id: 10694566
SWIS Number: Not reported
GIS Latitude: 36.713005044
GIS Longitude: -119.82513452
Program Element: HAZARDOUS MATERIALS HANDLER - WELL SITE

CERS:
Name: CITY OF FRESNO WELL 88-2
Address: 2363 S WEST AVE

CITY OF FRESNO WELL 88-2 (Continued) **S117960884**

City,State,Zip: FRESNO, CA 93706
Site ID: 418737
CERS ID: 10694566
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1910 E. UNIVERSITY AVE.
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93703
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: ROBERT LITTLE
Entity Title: WATER SYSTEMS SUPERVISOR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: City of Fresno Well Site Organization
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ROBERT LITTLE
Entity Title: Not reported
Affiliation Address: 1910 E. UNIVERSITY AVE.
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93703
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CITY OF FRESNO, WATER DIVISION

CITY OF FRESNO WELL 88-2 (Continued) **S117960884**

Entity Title:	Not reported
Affiliation Address:	1910 E. UNIVERSITY AVE.
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93703
Affiliation Phone:	(559) 621-5300
Affiliation Type Desc:	Operator
Entity Name:	CITY OF FRESNO / DPU / WATER DIVISION
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:	(559) 621-5300
Affiliation Type Desc:	Document Preparer
Entity Name:	ROBERT LITTLE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

49
ESE
1/8-1/4
0.234 mi.
1238 ft.

PARCEL 477-161-16T; VACANT LOT
46 E. FLORENCE AVENUE
FRESNO, CA 93706

US BROWNFIELDS FINDS **1016457029 N/A**

Relative:
Higher

Actual:
286 ft.

US BROWNFIELDS:

Name:	PARCEL 477-161-16T; VACANT LOT
Address:	46 E. FLORENCE AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Assessment
Property Number:	477-161-16T
Parcel size:	3.7
Latitude:	36.7177024
Longitude:	-119.8130354
HCM Label:	Address Matching-Other
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	167822
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported

PARCEL 477-161-16T; VACANT LOT (Continued) **1016457029**

Assessment Funding:	2000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T71101
Start Date:	09/13/2013 00:00:00
Ownership Entity:	Government
Completion Date:	11/01/2013 00:00:00
Current Owner:	Successor Agency to the Redevelopment Agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported

PARCEL 477-161-16T; VACANT LOT (Continued) **1016457029**

Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Based on a review of historical documents parcel number 477-161-16T and the general vicinity were used for agricultural from prior to 1946 when a small farmstead appears in aerial photographs until no later than 1965 when the Site appears to be vacant. The Redevelopment Agency of the City of Fresno acquired the vacant parcel in January 1970.
Below Poverty Number:	1001
Below Poverty Percent:	48.0%
Meidan Income:	1578

PARCEL 477-161-16T; VACANT LOT (Continued) **1016457029**

Meidan Income Number:	1678
Meidan Income Percent:	80.5%
Vacant Housing Number:	33
Vacant Housing Percent:	5.4%
Unemployed Number:	160
Unemployed Percent:	7.7%

Name:	PARCEL 477-161-16T; VACANT LOT
Address:	46 E. FLORENCE AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Assessment
Property Number:	477-161-16T
Parcel size:	3.7
Latitude:	36.7177024
Longitude:	-119.8130354
HCM Label:	Address Matching-Other
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	167822
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	7500
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T71101
Start Date:	09/13/2013 00:00:00
Ownership Entity:	Government
Completion Date:	11/01/2013 00:00:00
Current Owner:	Successor Agency to the Redevelopment Agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported

PARCEL 477-161-16T; VACANT LOT (Continued) **1016457029**

State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported

PARCEL 477-161-16T; VACANT LOT (Continued) **1016457029**

SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Based on a review of historical documents parcel number 477-161-16T and the general vicinity were used for agricultural from prior to 1946 when a small farmstead appears in aerial photographs until no later than 1965 when the Site appears to be vacant. The Redevelopment Agency of the City of Fresno acquired the vacant parcel in January 1970.
Below Poverty Number:	1001
Below Poverty Percent:	48.0%
Meidan Income:	1578
Meidan Income Number:	1678
Meidan Income Percent:	80.5%
Vacant Housing Number:	33
Vacant Housing Percent:	5.4%
Unemployed Number:	160
Unemployed Percent:	7.7%

FINDS:

Registry ID: 110057203690

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

K50 **M D WESSON DISPOSAL SITE** **CUPA Listings** **S104868093**
SW **W CHURCH & WEST AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.242 mi.
1278 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
276 ft.

CUPA FRESNO:

Name:	M D WESSON DISPOSAL SITE
Address:	W CHURCH & WEST AVE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	FA0270878
Cross Street:	WEST
APM Number:	47705319S
CERS Id:	Not reported
SWIS Number:	10-CR-0056
GIS Latitude:	36.714365
GIS Longitude:	-119.824623
Program Element:	SOLID WASTE FACILITY-CLOSED SITE

L51 **DARLING INGREDIENTS INC** **AST** **S106829759**
South **795 W BELGRAVIA** **CERS HAZ WASTE** **N/A**
1/8-1/4 **FRESNO, CA 93706** **CERS TANKS**
0.243 mi. **CUPA Listings**
1284 ft. **Site 1 of 2 in cluster L** **EMI**
CERS

Relative:
Lower

Actual:
273 ft.

AST:

Name:	DARLING INGREDIENTS INC
Address:	795 W BELGRAVIA
City/Zip:	FRESNO,93773
Certified Unified Program Agencies:	Not reported
Owner:	DARLING INGREDIENTS INC.
Total Gallons:	Not reported
CERSID:	10413529
Facility ID:	FA0169659
Business Name:	Darling International Inc.
Phone:	5592685325
Fax:	5592688631
Mailing Address:	PO BOX 11445
Mailing Address City:	FRESNO
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	DARLING INGREDIENTS INC
Operator Phone:	5592685325
Owner Phone:	5592685325
Owner Mail Address:	251 O'CONNOR RIDGE BLVD, STE 300
Owner State:	TX
Owner Zip Code:	75038
Owner Country:	United States
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:	CAL000011157

CERS HAZ WASTE:

DARLING INGREDIENTS INC (Continued) **S106829759**

Name: DARLING INGREDIENTS INC
Address: 795 W BELGRAVIA
City,State,Zip: FRESNO, CA 93773
Site ID: 391116
CERS ID: 10413529
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: DARLING INGREDIENTS INC
Address: 795 W BELGRAVIA
City,State,Zip: FRESNO, CA 93773
Site ID: 391116
CERS ID: 10413529
CERS Description: Aboveground Petroleum Storage

CUPA FRESNO:
Name: DARLING INGREDIENTS
Address: 795 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169659
Cross Street: DELNO
APM Number: 47705412
CERS Id: 10413529
SWIS Number: Not reported
GIS Latitude: 36.715002623
GIS Longitude: -119.82026368
Program Element: UST REMOVAL/CLOSURE W/3 TANKS

Name: DARLING INGREDIENTS
Address: 795 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169659
Cross Street: DELNO
APM Number: 47705412
CERS Id: 10413529
SWIS Number: Not reported
GIS Latitude: 36.715002623
GIS Longitude: -119.82026368
Program Element: AST STORAGE CAPACITY 1,320 TO 9,999 GAL

Name: DARLING INGREDIENTS
Address: 795 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169659
Cross Street: DELNO
APM Number: 47705412
CERS Id: 10413529
SWIS Number: Not reported
GIS Latitude: 36.715002623
GIS Longitude: -119.82026368
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: DARLING INGREDIENTS
Address: 795 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169659

DARLING INGREDIENTS INC (Continued) **S106829759**

Cross Street: DELNO
APM Number: 47705412
CERS Id: 10413529
SWIS Number: Not reported
GIS Latitude: 36.715002623
GIS Longitude: -119.82026368
Program Element: CLOSED CAL ARP/RMP PROCESS

Name: DARLING INGREDIENTS
Address: 795 W BELGRAVIA AVE
City,State,Zip: FRESNO, CA 93706
Facility ID: FA0169659
Cross Street: DELNO
APM Number: 47705412
CERS Id: 10413529
SWIS Number: Not reported
GIS Latitude: 36.715002623
GIS Longitude: -119.82026368
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

EMI:

Name: DARLING INTERNATIONAL INC.
Address: 2364 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Year: 1995
County Code: 10
Air Basin: SJV
Facility ID: 406
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 15
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DARLING-DELAWARE CO.
Address: 2364 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Year: 1996
County Code: 10
Air Basin: SJV
Facility ID: 406
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 14

DARLING INGREDIENTS INC (Continued) **S106829759**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DARLING-DELAWARE CO.
Address: 2364 S FRUIT AVE
City,State,Zip: FRESNO, CA 93706
Year: 1997
County Code: 10
Air Basin: SJV
Facility ID: 406
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 4
NOX - Oxides of Nitrogen Tons/Yr: 14
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DARLING INTERNATIONAL INC.
Address: 795 W BELGRAVIA
City,State,Zip: FRESNO, CA 93706
Year: 2000
County Code: 10
Air Basin: SJV
Facility ID: 406
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 5
NOX - Oxides of Nitrogen Tons/Yr: 8
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DARLING INTERNATIONAL INC.
Address: 795 W BELGRAVIA
City,State,Zip: FRESNO, CA 93706
Year: 2001
County Code: 10
Air Basin: SJV
Facility ID: 406
Air District Name: SJU
SIC Code: 2077
Air District Name: SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

DARLING INGREDIENTS INC (Continued) **S106829759**

Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	5
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	26
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2002
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	5
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	26
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2003
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	8
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2004
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD

DARLING INGREDIENTS INC (Continued) **S106829759**

Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.685173947
Reactive Organic Gases Tons/Yr:	0.293909891
Carbon Monoxide Emissions Tons/Yr:	7.357543203
NOX - Oxides of Nitrogen Tons/Yr:	8.001280335
SOX - Oxides of Sulphur Tons/Yr:	0.200496222
Particulate Matter Tons/Yr:	1.096382311
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.996076788

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2005
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6646071481411866224
Reactive Organic Gases Tons/Yr:	.3199729433319096
Carbon Monoxide Emissions Tons/Yr:	10.21705047684021
NOX - Oxides of Nitrogen Tons/Yr:	7.924949168371583
SOX - Oxides of Sulphur Tons/Yr:	.1858624067108153
Particulate Matter Tons/Yr:	1.134875155604054959
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.0090730118087777

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2006
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.7227457469271609647
Reactive Organic Gases Tons/Yr:	.3313992686424256
Carbon Monoxide Emissions Tons/Yr:	9.78599724097595
NOX - Oxides of Nitrogen Tons/Yr:	8.265132303210454
SOX - Oxides of Sulphur Tons/Yr:	.2122089983200076
Particulate Matter Tons/Yr:	1.232846658697647216
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1077385593132022

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93390
Year:	2007
County Code:	10
Air Basin:	SJV
Facility ID:	406

DARLING INGREDIENTS INC (Continued) **S106829759**

Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.7227457469271609647
Reactive Organic Gases Tons/Yr:	.3313992686424256
Carbon Monoxide Emissions Tons/Yr:	9.78599724097595
NOX - Oxides of Nitrogen Tons/Yr:	8.265132303210454
SOX - Oxides of Sulphur Tons/Yr:	.2122089983200076
Particulate Matter Tons/Yr:	1.232846658697647216
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1077385593132022

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2008
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.7227457469271609647
Reactive Organic Gases Tons/Yr:	.3313992686424256
Carbon Monoxide Emissions Tons/Yr:	9.78599724097595
NOX - Oxides of Nitrogen Tons/Yr:	8.265132303210454
SOX - Oxides of Sulphur Tons/Yr:	.2122089983200076
Particulate Matter Tons/Yr:	1.232846658697647216
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1077385593132022

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2009
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.72274574692715998
Reactive Organic Gases Tons/Yr:	0.33139926864242503
Carbon Monoxide Emissions Tons/Yr:	9.7859972409759504
NOX - Oxides of Nitrogen Tons/Yr:	8.26513230321045
SOX - Oxides of Sulphur Tons/Yr:	0.212208998320007
Particulate Matter Tons/Yr:	1.2328466586976401
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1077385593132001

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2010

DARLING INGREDIENTS INC (Continued) **S106829759**

County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.713131210326859
Reactive Organic Gases Tons/Yr:	0.30108399699999999
Carbon Monoxide Emissions Tons/Yr:	8.8334618979999995
NOX - Oxides of Nitrogen Tons/Yr:	5.1056799770000003
SOX - Oxides of Sulphur Tons/Yr:	0.27955299700000003
Particulate Matter Tons/Yr:	1.51344856920689
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.3892251330000001

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2011
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71608424909
Reactive Organic Gases Tons/Yr:	0.30233076997
Carbon Monoxide Emissions Tons/Yr:	7.6821899193
NOX - Oxides of Nitrogen Tons/Yr:	5.3882802025
SOX - Oxides of Sulphur Tons/Yr:	0.2290115365
Particulate Matter Tons/Yr:	1.2676385228
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1381918125

Name:	DARLING INTERNATIONAL INC.
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2012
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.70775333197
Reactive Organic Gases Tons/Yr:	0.29881345676
Carbon Monoxide Emissions Tons/Yr:	7.7615297104
NOX - Oxides of Nitrogen Tons/Yr:	4.8965348923
SOX - Oxides of Sulphur Tons/Yr:	0.23368942496
Particulate Matter Tons/Yr:	1.2833066622
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1598588398

Name:	DARLING INGREDIENTS INC

DARLING INGREDIENTS INC (Continued) **S106829759**

Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2013
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.67809998182
Reactive Organic Gases Tons/Yr:	0.298363992
Carbon Monoxide Emissions Tons/Yr:	7.647476823
NOX - Oxides of Nitrogen Tons/Yr:	5.153024236
SOX - Oxides of Sulphur Tons/Yr:	0.228867791
Particulate Matter Tons/Yr:	1.2519945827
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.133681162

Name:	DARLING INGREDIENTS INC
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2014
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.63068068892
Reactive Organic Gases Tons/Yr:	0.27749950312
Carbon Monoxide Emissions Tons/Yr:	7.2430297024
NOX - Oxides of Nitrogen Tons/Yr:	4.4579598602
SOX - Oxides of Sulphur Tons/Yr:	0.21854901884
Particulate Matter Tons/Yr:	1.0729656147
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.0481048423

Name:	DARLING INGREDIENTS INC
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2015
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.65039998864
Reactive Organic Gases Tons/Yr:	0.286175995
Carbon Monoxide Emissions Tons/Yr:	7.666292823
NOX - Oxides of Nitrogen Tons/Yr:	4.095540923
SOX - Oxides of Sulphur Tons/Yr:	0.233934495
Particulate Matter Tons/Yr:	1.1492117336

DARLING INGREDIENTS INC (Continued) **S106829759**

Part. Matter 10 Micrometers and Smllr Tons/Yr:1.123734975

Name:	DARLING INGREDIENTS INC
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2016
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.67684504773
Reactive Organic Gases Tons/Yr:	0.297811821
Carbon Monoxide Emissions Tons/Yr:	7.679187492
NOX - Oxides of Nitrogen Tons/Yr:	5.023362468
SOX - Oxides of Sulphur Tons/Yr:	0.23048125
Particulate Matter Tons/Yr:	1.1293452586
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.1038685

Name:	DARLING INGREDIENTS INC
Address:	795 W BELGRAVIA
City,State,Zip:	FRESNO, CA 93706
Year:	2017
County Code:	10
Air Basin:	SJV
Facility ID:	406
Air District Name:	SJU
SIC Code:	2077
Air District Name:	SAN JOAQUIN VALLEY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.68500452273
Reactive Organic Gases Tons/Yr:	0.30140199
Carbon Monoxide Emissions Tons/Yr:	7.716398242
NOX - Oxides of Nitrogen Tons/Yr:	5.227294729
SOX - Oxides of Sulphur Tons/Yr:	0.230812839
Particulate Matter Tons/Yr:	1.1302428638
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.10484445

CERS:

Name:	DARLING INGREDIENTS INC
Address:	795 WEST BELGRAVIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Site ID:	463798
CERS ID:	110000482175
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	DAVE MULLINIX
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

DARLING INGREDIENTS INC (Continued) **S106829759**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JERRY STEVENS
Entity Title: PLANT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: MATT TAYLOR
Entity Title: ENVIRONMENTAL AFFAIRS MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DARLING INGREDIENTS INC
Address: 795 W BELGRAVIA
City,State,Zip: FRESNO, CA 93773
Site ID: 391116
CERS ID: 10413529
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 391116
Site Name: DARLING INGREDIENTS INC
Violation Date: 01-27-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to have a professional engineer certify and review the SPCC Plan.
Violation Notes: Returned to compliance on 04/01/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: APSA
Violation Source: CERS

Site ID: 391116
Site Name: DARLING INGREDIENTS INC
Violation Date: 01-27-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections

DARLING INGREDIENTS INC (Continued) **S106829759**

	and/or customary business records for three years.
Violation Notes:	Returned to compliance on 04/01/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	391116
Site Name:	DARLING INGREDIENTS INC
Violation Date:	01-27-2015
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/01/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	391116
Site Name:	DARLING INGREDIENTS INC
Violation Date:	01-27-2015
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 site map with all required content.
Violation Notes:	Returned to compliance on 04/01/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	391116
Site Name:	DARLING INGREDIENTS INC
Violation Date:	01-27-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes:	Returned to compliance on 04/01/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	391116
Site Name:	DARLING INGREDIENTS INC
Violation Date:	01-27-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 04/01/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	391116
Site Name:	DARLING INGREDIENTS INC
Violation Date:	01-27-2015

DARLING INGREDIENTS INC (Continued) **S106829759**

Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to have an adequate facility diagram, or no facility diagram included within the SPCC plan.
Violation Notes: Returned to compliance on 04/07/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: APSA
Violation Source: CERS

Site ID: 391116
Site Name: DARLING INGREDIENTS INC
Violation Date: 01-27-2015
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a Contingency Plan to minimize human hazards or threat to the environment and to carry out the provisions of the plan whenever there is a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.
Violation Notes: Returned to compliance on 04/01/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

Site ID: 391116
Site Name: DARLING INGREDIENTS INC
Violation Date: 01-27-2015
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes: Returned to compliance on 04/01/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2015

DARLING INGREDIENTS INC (Continued) **S106829759**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-01-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: review/prep - met with env htlh person, plant manager and staff person.
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Document Preparer
Entity Name: MARTIN GUTHRIE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer

DARLING INGREDIENTS INC (Continued) **S106829759**

Entity Name:	MARTIN GUTHRIE
Entity Title:	MANAGER ENVIRONMENTAL AFFAIRS
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Darling Ingredients
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	MARTIN GUTHRIE
Entity Title:	Not reported
Affiliation Address:	251 O'CONNOR RIDGE BLVD, STE 300
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75038
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	DARLING INGREDIENTS 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:	(559) 268-5325
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 11445
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93773-1445
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	DARLING INGREDIENTS INC.
Entity Title:	Not reported
Affiliation Address:	251 O'CONNOR RIDGE BLVD, STE 300
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75038

DARLING INGREDIENTS INC (Continued) **S106829759**

Affiliation Phone: (559) 268-5325

L52 **DARLING INGREDIENTS INC.** **RCRA NonGen / NLR** **1024786014**
South **795 W BELGRAVIA** **CAL000011157**
1/8-1/4 **FRESNO, CA 93773**
0.243 mi.
1284 ft. **Site 2 of 2 in cluster L**

Relative:
Lower

Actual:
273 ft.

RCRA NonGen / NLR:
Date form received by agency: 11/14/1989
Facility name: DARLING INGREDIENTS INC.
Facility address: 795 W BELGRAVIA
FRESNO, CA 93773-0000
EPA ID: CAL000011157
Mailing address: PO BOX 1608
TURLOCK, CA 95381
Contact: WILLIAM HOLMES
Contact address: 251 O'CONNOR RIDGE BLVD. S 300
IRVING, TX 75038
Contact country: Not reported
Contact telephone: 972-541-7120
Contact email: BHOLMES@DARLINGII.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DARLING INGREDIENTS INC
Owner/operator address: 251 OCONNOR RIDGE BLVD STE 300
IRVING, TX 75038
Owner/operator country: Not reported
Owner/operator telephone: 972-717-0300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WILLIAM HOLMES
Owner/operator address: 251 O'CONNOR RIDGE BLVD. S 300
IRVING, TX 75038
Owner/operator country: Not reported
Owner/operator telephone: 972-541-7120
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

DARLING INGREDIENTS INC. (Continued) **1024786014**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

53
SSW
1/8-1/4
0.245 mi.
1296 ft.

ERICKSON EQUIPMENT INC **RCRA NonGen / NLR** **1024789132**
850 W CHURCH **CAL000060003**
FRESNO, CA 93706

Relative:
Lower

Actual:
273 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/19/1993
Facility name:	ERICKSON EQUIPMENT INC
Facility address:	850 W CHURCH FRESNO, CA 93706-0000
EPA ID:	CAL000060003
Mailing address:	PO BOX 12723 FRESNO, CA 93779-0000
Contact:	ROXY LEWIS
Contact address:	PO BOX 12723 FRESNO, CA 93779
Contact country:	Not reported
Contact telephone:	559-442-1372
Contact email:	RLEWIS6860@AOL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROXY LEWIS
Owner/operator address:	PO BOX 12723 FRESNO, CA 93779
Owner/operator country:	Not reported
Owner/operator telephone:	559-442-1372
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	ERICKSON EQUIPMENT INC
Owner/operator address:	PO BOX 12723 FRESNO, CA 93779
Owner/operator country:	Not reported

ERICKSON EQUIPMENT INC (Continued) **1024789132**

Owner/operator telephone: 559-442-1372
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

M54 **SANG GIP** **CUPA Listings** **S107504274**
WNW **1435 W CALIFORNIA AVE** **N/A**
1/8-1/4 **FRESNO, CA 93710**
0.248 mi.
1308 ft. **Site 1 of 2 in cluster M**

Relative: CUPA FRESNO:
Lower
Actual: Name: SANG GIP
276 ft. Address: 1435 W CALIFORNIA AVE
City,State,Zip: FRESNO, CA 93710
Facility ID: FA0278283
Cross Street: Not reported
APM Number: 47702310
CERS Id: 10702423
SWIS Number: Not reported
GIS Latitude: 36.71937063
GIS Longitude: -119.82856681
Program Element: HAZARDOUS MATERIALS HANDLER FARM EXEMPTION

M55 **CALIFORNIA/WEST SITE** **ENVIROSTOR** **S110042450**
WNW **1435 WEST CALIFORNIA AVENUE** **SCH** **N/A**
1/8-1/4 **FRESNO, CA 93706** **CERS**
0.248 mi.
1308 ft. **Site 2 of 2 in cluster M**

Relative:
Lower

Actual:
276 ft.

ENVIROSTOR:

Name:	CALIFORNIA/WEST SITE
Address:	1435 WEST CALIFORNIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	60001159
Status:	Inactive - Needs Evaluation
Status Date:	01/06/2011
Site Code:	104672
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	29.32
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Mellan Songco
Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana
Assembly:	31
Senate:	14
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	36.72060
Longitude:	-119.8284
APN:	477-023-10
Past Use:	ABOVE GROUND STORAGE TANKS, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA Not reported
Potential COC:	Under Investigation Arsenic Chlordane DDD DDE DDT Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas
Confirmed COC:	30001-NO 30004-NO 30019-NO 30024-NO 30025-NO Under Investigation 30018-NO 30013-NO 30006-NO 30007-NO 30008-NO
Potential Description:	SOIL
Alias Name:	Planned Middle School Site
Alias Type:	Alternate Name
Alias Name:	477-023-10
Alias Type:	APN
Alias Name:	104672
Alias Type:	Project Code (Site Code)
Alias Name:	60001159
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/05/2009
Comments:	Fully Executed EOA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/21/2009

CALIFORNIA/WEST SITE (Continued) **S110042450**

Comments:	Conducted site visit on 10/21/2009 with M. Malinowski and S. St. Clair (District's consultant).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/06/2011
Comments:	DTSC sent a CRU to the accounting unit to summarize costs assoicated with Preliminary Enviro assessment determination, for Calif/West Site, Fresno.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	06/16/2010
Comments:	On June 16, 2010, DTSC issued an inactive status of the Preliminary Environmental Assessment
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	01/26/2010
Comments:	DTSC approved the PEA Workplan for implementation
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	10/13/2009
Comments:	Phase 1 report is background information.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	CALIFORNIA/WEST SITE
Address:	1435 WEST CALIFORNIA AVENUE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	60001159
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	29.32
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mellan Songco
Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana

CALIFORNIA/WEST SITE (Continued) **S110042450**

Site Code:	104672
Assembly:	31
Senate:	14
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	01/06/2011
Restricted Use:	NO
Funding:	School District
Latitude:	36.72060
Longitude:	-119.8284
APN:	477-023-10
Past Use:	ABOVE GROUND STORAGE TANKS, AGRICULTURAL - ROW CROPS, RESIDENTIAL AREA Not reported
Potential COC:	Under Investigation, Arsenic, Chlordane, DDD, DDE, DDT, Lead, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, TPH-diesel, TPH-gas
Confirmed COC:	30001-NO, 30004-NO, 30019-NO, 30024-NO, 30025-NO, Under Investigation, 30018-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO
Potential Description:	SOIL
Alias Name:	Planned Middle School Site
Alias Type:	Alternate Name
Alias Name:	477-023-10
Alias Type:	APN
Alias Name:	104672
Alias Type:	Project Code (Site Code)
Alias Name:	60001159
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/05/2009
Comments:	Fully Executed EOA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	10/21/2009
Comments:	Conducted site visit on 10/21/2009 with M. Malinowski and S. St. Clair (District's consultant).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/06/2011
Comments:	DTSC sent a CRU to the accounting unit to summarize costs assoicated with Preliminary Enviro assessment determination, for Calif/West Site, Fresno.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	06/16/2010
Comments:	On June 16, 2010, DTSC issued an inactive status of the Preliminary Environmental Assessment
Completed Area Name:	PROJECT WIDE

CALIFORNIA/WEST SITE (Continued) **S110042450**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/26/2010
Comments: DTSC approved the PEA Workplan for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/13/2009
Comments: Phase 1 report is background information.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: CALIFORNIA/WEST SITE
Address: 1435 WEST CALIFORNIA AVENUE
City,State,Zip: FRESNO, CA 93706
Site ID: 335591
CERS ID: 60001159
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: MELLAN SONGCO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: SACRAMENTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
Entity Name: JUAN KOPONEN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

56 SE 1/4-1/2 0.252 mi. 1331 ft.

CHURCH AND FRUIT JUNKYARD
CHURCH & FRUIT AVENUES
FRESNO, CA 93706

Database(s): RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED, HIST CORTESE

EDR ID Number: S101480249
EPA ID Number: N/A

Relative: Higher

Actual: 286 ft.

RESPONSE:

Name:	CHURCH AND FRUIT JUNKYARD
Address:	CHURCH & FRUIT AVENUES
City,State,Zip:	FRESNO, CA 93706
Facility ID:	10490090
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	2.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ryan Mitchum
Supervisor:	Joseph Tapia
Division Branch:	Cleanup San Joaquin
Site Code:	100040
Site Mgmt. Req.:	LUC, FEN, EX
Assembly:	31
Senate:	14
Special Program Status:	Not reported
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	12/01/2009
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	36.7162
Longitude:	-119.8163
APN:	NONE SPECIFIED
Past Use:	JUNKYARD, LANDFILL - DOMESTIC
Potential COC :	* OTHER INORGANIC SOLID WASTE Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL
Alias Name:	110033620525
Alias Type:	EPA (FRS #)
Alias Name:	P11027
Alias Type:	PCode
Alias Name:	100040
Alias Type:	Project Code (Site Code)
Alias Name:	10490090
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/31/1994
Comments:	Site certification signed. Final remedial action consisted of capping approximately 4 acres where high concentrations of lead are located.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	03/01/1994
Comments:	The deed restriction is for a clay cap placed over a portino of impacted soils. The restrictions do not allow any construction over the cap without prior approval by DTSC.

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 07/08/1991
Comments: Amendment to the August 2, 1988, RAO number HSA 88/89-008 issued to the City of Fresno. Records Search: Abandoned auto salvage yard. Onsite contaminants include PCBs, Pb, pesticides, and heavy metals in soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/02/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/17/1982
Comments: Facility identified from phone tip. City of Fresno Inspection: Samples taken. Phone follow-up with County Environmental Health Dept.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2013
Comments: Notification

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/15/2013
Comments: Executed VCA transmitted to RP on 4/17/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Amendment
Completed Date: 05/29/2014
Comments: Groundwater Monitoring no longer required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 04/04/2017
Comments: Letter for VCA out to Prospective Purchaser

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 12/15/2017
Comments: Prospective Purchaser letter to Whatts Up Electronics.

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/02/2018
Comments: Certified Letter to Property Owner

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2017
Comments: DTSC Letter to Watts Up Electronics

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/11/1994
Comments: FINAL REMEDIAL ACTION (FRA) -- The 2.7 acre site known as the church/Fruit Junkyard was capped with a 12-inch soil cap The site will be deed restricted and site will be converted into a city park. Approx. cost = $150,000 (RP funded)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/12/1993
Comments: DESIGN (RA) - City of Fresno submitted for DTSC review the Remedial Action - Design. The design report presented the specifications for the cap which will be placed over the lead contaminated site. Work should being July 1993. Approx cost = $100,000 (to be funded by the City)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/24/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/26/1987
Comments: Site Screening Done.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2013
Comments: Rpt approved for workplan to be prepared

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 08/16/2013
Comments: Workplan approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Completed Document Type: Monitoring Report
Completed Date: 02/18/2000
Comments: Project Status Updated

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 03/12/2014
Comments: Wells destroyed, note to look at additional cap maintenance activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/05/2017
Comments: O&M Plan approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2018
Comments: Inspection Report and photos received

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Operations and Maintenance Report
Schedule Due Date: 05/16/2019
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: CHURCH AND FRUIT JUNKYARD
Address: CHURCH & FRUIT AVENUES
City,State,Zip: FRESNO, CA 93706
Facility ID: 10490090
Status: Certified O&M - Land Use Restrictions Only
Status Date: 12/01/2009
Site Code: 100040
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.6
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ryan Mitchum
Supervisor: Joseph Tapia
Division Branch: Cleanup San Joaquin
Assembly: 31
Senate: 14
Special Program: Not reported

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Restricted Use: YES
Site Mgmt Req: LUC, FEN, EX
Funding: Responsible Party
Latitude: 36.7162
Longitude: -119.8163
APN: NONE SPECIFIED
Past Use: JUNKYARD, LANDFILL - DOMESTIC
Potential COC: * OTHER INORGANIC SOLID WASTE Lead
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SOIL
Alias Name: 110033620525
Alias Type: EPA (FRS #)
Alias Name: P11027
Alias Type: PCode
Alias Name: 100040
Alias Type: Project Code (Site Code)
Alias Name: 10490090
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/31/1994
Comments: Site certification signed. Final remedial action consisted of capping approximately 4 acres where high concentrations of lead are located.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/01/1994
Comments: The deed restriction is for a clay cap placed over a portino of impacted soils. The restrictions do not allow any construction over the cap without prior approval by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 07/08/1991
Comments: Amendment to the August 2, 1988, RAO number HSA 88/89-008 issued to the City of Fresno. Records Search: Abandoned auto salvage yard. Onsite contaminants include PCBs, Pb, pesticides, and heavy metals in soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/02/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 06/17/1982
Comments: Facility identified from phone tip. City of Fresno Inspection: Samples taken. Phone follow-up with County Environmental Health Dept.

Completed Area Name: PROJECT WIDE

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2013
Comments: Notification

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 04/15/2013
Comments: Executed VCA transmitted to RP on 4/17/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Amendment
Completed Date: 05/29/2014
Comments: Groundwater Monitoring no longer required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 04/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 04/04/2017
Comments: Letter for VCA out to Prospective Purchaser

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: LUR - Notification Response
Completed Date: 12/15/2017
Comments: Prospective Purchaser letter to Whatts Up Electronics.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/02/2018
Comments: Certified Letter to Property Owner

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2017
Comments: DTSC Letter to Watts Up Electronics

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 01/11/1994
Comments: FINAL REMEDIAL ACTION (FRA) -- The 2.7 acre site known as the church/Fruit Junkyard was capped with a 12-inch soil cap The site will be deed restricted and site will be converted into a city park. Approx. cost = $150,000 (RP funded)

Completed Area Name: PROJECT WIDE

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/12/1993
Comments: DESIGN (RA) - City of Fresno submitted for DTSC review the Remedial Action - Design. The design report presented the specifications for the cap which will be placed over the lead contaminated site. Work should being July 1993. Approx cost = $100,000 (to be funded by the City)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/24/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/26/1987
Comments: Site Screening Done.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2013
Comments: Rpt approved for workplan to be prepared

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 08/16/2013
Comments: Workplan approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/18/2000
Comments: Project Status Updated

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 03/12/2014
Comments: Wells destroyed, note to look at additional cap maintenance activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/05/2017
Comments: O&M Plan approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/30/2018
Comments: Inspection Report and photos received

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Operations and Maintenance Report
Future Due Date:	2022
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2023
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Operations and Maintenance Report
Schedule Due Date:	05/16/2019
Schedule Revised Date:	Not reported

Calsite:

Name:	CHURCH AND FRUIT JUNKYARD
Address:	CHURCH & FRUIT AVENUES
City:	FRESNO
Region:	SACRAMENTO
Facility ID:	10490090
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	CC
Branch Name:	CENTRAL CALIFORNIA
File Name:	Not reported
State Senate District:	01311994
Status:	CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name:	CERTIFIED / OPERATION & MAINTENANCE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	49
SIC Name:	ELECTRIC, GAS & SANITARY SERVICES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Unknown
Staff Member Responsible for Site:	TBERG
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	31
State Senate District Code:	16
Facility ID:	10490090
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06171982
Est Person-Yrs to complete:	0

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01261987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	RAO
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08021988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	AMEND
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07081991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09241991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	DES
Activity Name:	DESIGN

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

AWP Code:	RA
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04121993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	FRA
Activity Name:	FINAL REMEDIAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01111994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	RESTR
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03011994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490090
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01311994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	SOIL CAP CONSTRUCTED OVER A 4-ACRE SITE WHERE HIGH CONCENTRATIONS OFLEAD ARE LOCATED IN THE SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	CHURCH & FRUIT AVENUES
Alternate City,St,Zip:	FRESNO, CA 93706

Background Info:

The Church and Fruit Junkyard site was a three acre abandoned salvage yard. Lead (Pb), other heavy metals, polychlorinated biphenyls (PCBs) and pesticides were present in onsite surface soils (about three feet).

The site is underlaid with a construction debris fill layer ranging in thickness from 10 to 15 feet. The fill layer consists of a heterogeneous mixture on concrete, asphalt, glass, wood, and bricks.

The short-term potential for direct human contact to on-site contaminants has been reduced due to the installation of a fence around the site. A RAQ was issued in August 1988, to the City of Fresno (City), who obtained the site for redevelopment.

A Phase I RI, completed in April 1986, showed that contamination was predominately high levels of Pb near the surface. A Phase II RI, completed in October 1988, showed no groundwater contamination in five wells drilled in the 60 foot deep shallow aqifer. Groundwater samples

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

collected from the five monitioring wells from June 1992 to December 1993 contained concentrations of Pb ranging from non-detectable to 28.5 parts per billion (ppb). Subsequent ground-water sampling (1994 to 1999) did not indicate detectable concentrations of Pb.
A Phase III RI in the debris fill layer was completed in May 1989, showing limited additional contamination.
DTSC determined that this small site was adequately characterized and requested that the City initiate the FS/ RAP in September 1989.
The City submitted a FS, dated August 19, 1991, and a RAP, dated August 30, 1991, in which they proposed to cap the site and continue with groundwater monitoring. The RAP proposed capping areas which contained high levels of Pb, encompassing 60% of the site, and continuing groundwater monitoring from the five installed monitoring wells. The proposed RAP activities were approved by DTSC in a letter dated September 25, 1991. Implementation of the RAP activities took place in January 1994. A deed restriction was put into place January 28, 1994.

Comments Date: 01111994
Comments: FINAL REMEDIAL ACTION (FRA) -- The 2.7 acre site known as
Comments Date: 01111994
Comments: the church/Fruit Junkyard was capped with a 12-inch soil cap
Comments Date: 01111994
Comments: The site will be deed restricted and site will be converted
Comments Date: 01111994
Comments: into a city park. Approx. cost = $150,000 (RP funded)
Comments Date: 01211994
Comments: DEED RESTRICTION -- A deed restriction was put in place for
Comments Date: 01211994
Comments: the site known as the church/Fruit Junkyard. The 2.7 acre
Comments Date: 01211994
Comments: site was capped with a 12-inch soil cap to prevent direct
Comments Date: 01211994
Comments: contact between individuals living in the area and the
Comments Date: 01211994
Comments: lead found in the surface soils.
Comments Date: 01261987
Comments: Site Screening Done.
Comments Date: 01311994
Comments: Site certification signed. Final remedial action consisted
Comments Date: 01311994
Comments: of capping approximately 4 acres where high concentrations
Comments Date: 01311994
Comments: of lead are located.
Comments Date: 04121993
Comments: DESIGN (RA) - City of Fresno submitted for DTSC review the
Comments Date: 04121993
Comments: Remedial Action - Design. The design report presented the
Comments Date: 04121993
Comments: specifications for the cap which will be placed over the
Comments Date: 04121993
Comments: lead contaminated site. Work should being July 1993.
Comments Date: 04121993
Comments: Approx cost = $100,000 (to be funded by the City)
Comments Date: 06171982
Comments: Facility identified from phone tip.

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

Comments Date: 06171982
Comments: City of Fresno Inspection: Samples taken. Phone follow-up
Comments Date: 06171982
Comments: with County Environmental Health Dept.
Comments Date: 07011982
Comments: Sample results show high levels of Pb contamination;
Comments Date: 07011982
Comments: soluble Pb with Citrate buffer 9,069 ppm and inorganic
Comments Date: 07011982
Comments: Pb at 2 ft 11,000 ppm.
Comments Date: 07011982
Comments: County Environmental Health Dept records searched.
Comments Date: 07081991
Comments: Amendment to the August 2, 1988, RAO number HSA 88/89-008
Comments Date: 07081991
Comments: issued to the City of Fresno.
Comments Date: 07081991
Comments: Records Search: Abandoned auto salvage yard. Onsite
Comments Date: 07081991
Comments: contaminants include PCBs, Pb, pesticides, and heavy metals
Comments Date: 07081991
Comments: in soils.
ID Name: BEP DATABASE PCODE
ID Value: P11027
ID Name: CALSTARS CODE
ID Value: 100040
Alternate Name: CHURCH AND FRUIT JUNKYARD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:
Name: CHURCH AND FRUIT JUNKYARD
Address: CHURCH & FRUIT AVENUES
City,State,Zip: FRESNO, CA 93706
Envirostor ID: 10490090
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/29/2014
File Name: Envirostor Land Use Restrictions

Name: CHURCH AND FRUIT JUNKYARD
Address: CHURCH & FRUIT AVENUES
City,State,Zip: FRESNO, CA 93706
Envirostor ID: 10490090
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/01/1994
File Name: Envirostor Land Use Restrictions

CHURCH AND FRUIT JUNKYARD (Continued) **S101480249**

HIST CORTESE:

edr_fname:	CHURCH AND FRUIT JUNKYARD
edr_fadd1:	CHURCH & FRUIT AVENUES
City,State,Zip:	FRESNO, CA 93706
Region:	CORTESE
Facility County Code:	10
Reg By:	CALSI
Reg Id:	10490090

N57 **VACANT LOT APN 477-170-23T** **US BROWNFIELDS** **1018125143**
SSE **2385 S. FRUIT AVENUE** **N/A**
1/4-1/2 **FRESNO, CA 93706**
0.297 mi.
1570 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**
Actual: **276 ft.**

US BROWNFIELDS:

Name:	VACANT LOT APN 477-170-23T
Address:	2385 S. FRUIT AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Assessment
Property Number:	477-170-23T
Parcel size:	8.14
Latitude:	36.7146391
Longitude:	-119.817857
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	186181
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	2010
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T71101
Start Date:	08/21/2014 00:00:00
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	Successor Agency to the Redevelopment Agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N

VACANT LOT APN 477-170-23T (Continued) **1018125143**

Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported

VACANT LOT APN 477-170-23T (Continued) **1018125143**

Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Based on a review of historical documents, parcel number 477-170-23T and the general vicinity were used for agriculture from prior to 1946 when a small farmstead appears in aerial photographs; then rural residences with a small residential tract developing through the 1950s and 1960s until no later than 1984, when the Site appears to be vacant. The Redevelopment Agency of the City of Fresno acquired the parcel in January, 1970.
Below Poverty Number:	764
Below Poverty Percent:	50.4%
Meidan Income:	1850
Meidan Income Number:	1245
Meidan Income Percent:	82.1%
Vacant Housing Number:	31
Vacant Housing Percent:	7.3%
Unemployed Number:	113
Unemployed Percent:	7.5%

Name:	VACANT LOT APN 477-170-23T
Address:	2385 S. FRUIT AVENUE
City,State,Zip:	FRESNO, CA 93706
Recipient Name:	Fresno Redevelopment Agency
Grant Type:	Assessment
Property Number:	477-170-23T
Parcel size:	8.14
Latitude:	36.7146391
Longitude:	-119.817857
HCM Label:	Address Matching-House Number

VACANT LOT APN 477-170-23T (Continued) **1018125143**

Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	186181
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	22750
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T71101
Start Date:	02/18/2015 00:00:00
Ownership Entity:	Government
Completion Date:	07/08/2015 00:00:00
Current Owner:	Successor Agency to the Redevelopment Agency of the City of Fresno
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported

VACANT LOT APN 477-170-23T (Continued) **1018125143**

Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported

VACANT LOT APN 477-170-23T (Continued) **1018125143**

Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Based on a review of historical documents, parcel number 477-170-23T and the general vicinity were used for agriculture from prior to 1946 when a small farmstead appears in aerial photographs; then rural residences with a small residential tract developing through the 1950s and 1960s until no later than 1984, when the Site appears to be vacant. The Redevelopment Agency of the City of Fresno acquired the parcel in January, 1970.
Below Poverty Number:	764
Below Poverty Percent:	50.4%
Meidan Income:	1850
Meidan Income Number:	1245
Meidan Income Percent:	82.1%
Vacant Housing Number:	31
Vacant Housing Percent:	7.3%
Unemployed Number:	113
Unemployed Percent:	7.5%

N58 **CHURCH & FRUIT JUNKYARD** **CPS-SLIC** **S106486158**
SSE **N/A**
1/4-1/2 **FRESNO, CA**
0.312 mi.
1646 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**

Actual: **277 ft.**

CPS-SLIC:

Name:	CHURCH & FRUIT JUNKYARD
Address:	Not reported
City,State,Zip:	FRESNO, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/09/1989
Global Id:	SLT5FS164434
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Lead Agency Case Number:	Not reported
Latitude:	36.7149
Longitude:	-119.817
Case Type:	Cleanup Program Site
Case Worker:	GJI
Local Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number:	SLT5FS016
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	The Church and Fruit Junkyard site was a three acre abandoned salvage yard. Lead (Pb), other heavy metals, polychlorinated biphenyls (PCBs) and pesticides were present in onsite surface soils (about three feet). The site is underlaid with a construction debris fill layer ranging in thickness from 10 to 15 feet. The fill layer consists of a heterogeneous mixture on concrete, asphalt, glass, wood, and bricks. The short-term potential for direct human contact to on- site contaminants has been reduced due to the installation of a fence around the site. A RAQ was issued in August 1988, to the City of Fresno (City), who obtained the site for redevelopment. A Phase I RI, completed in April 1986, showed that contamination was predominately high levels of Pb near the surface. A Phase II RI, completed in

CHURCH & FRUIT JUNKYARD (Continued) **S106486158**

October 1988, showed no groundwater contamination in five wells drilled in the 60 foot deep shallow aquifer. Groundwater samples collected from the five monitoring wells from June 1992 to December 1993 contained concentrations of Pb ranging from non- detectable to 28.5 parts per billion (ppb). Subsequent ground- water sampling (1994 to 1999) did not indicate detectable concentrations of Pb. A Phase III RI in the debris fill layer was completed in May 1989, showing limited additional contamination. DTSC determined that this small site was adequately characterized and requested that the City initiate the FS/ RAP in September 1989. The City submitted a FS, dated August 19, 1991, and a RAP, dated August 30, 1991, in which they proposed to cap the site and continue with groundwater monitoring. The RAP proposed capping areas which contained high levels of Pb, encompassing 60% of the site, and continuing groundwater monitoring from the five installed monitoring wells. The proposed RAP activities were approved by DTSC in a letter dated September 25, 1991. Implementation of the RAP activities took place in January 1994. A deed restriction was put into place January 28, 1994. Groundwater monitoring for lead continues during quarterly events at the Site. The Site is inspected annually for the integrity of the capped area and security. For any additional information please go to:
http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=10490090

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

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59 **FRESNO TIRE WHOLESALE** **LUST** **S104868890**
ENE **457 FRESNO** **HIST CORTESE** **N/A**
1/4-1/2 **FRESNO, CA 93721** **CERS**
0.416 mi.
2196 ft.

Relative:
Higher

Actual:
283 ft.

LUST:

Name:	FRESNO TIRE WHOLESALE
Address:	457 FRESNO ST N
City,State,Zip:	FRESNO, CA 93721
Lead Agency:	FRESNO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900500
Global Id:	T0601900500
Latitude:	36.7317029
Longitude:	-119.7804579
Status:	Completed - Case Closed
Status Date:	03/19/1996
Case Worker:	EHD
RB Case Number:	5T10000517
Local Agency:	FRESNO COUNTY
File Location:	Not reported
Local Case Number:	FA0269766
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0601900500
Contact Type:	Local Agency Caseworker
Contact Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV

FRESNO TIRE WHOLESALE (Continued) **S104868890**

Organization Name: FRESNO COUNTY
Address: 1221 Fulton Street
City: Fresno
Email: environmentalhealth@fresnocountyca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900500
Action Type: Other
Date: 08/22/1994
Action: Leak Discovery

Global Id: T0601900500
Action Type: Other
Date: 08/09/1994
Action: Leak Stopped

Global Id: T0601900500
Action Type: Other
Date: 08/22/1994
Action: Leak Reported

LUST:
Global Id: T0601900500
Status: Open - Case Begin Date
Status Date: 08/09/1994

Global Id: T0601900500
Status: Open - Site Assessment
Status Date: 08/22/1994

Global Id: T0601900500
Status: Completed - Case Closed
Status Date: 03/19/1996

LUST REG 5:
Name: FRESNO TIRE WHOLESALE
Address: 457 FRESNO ST N
City: FRESNO
Region: 5
Status: Case Closed
Case Number: 5T10000517
Case Type: Undefined
Substance: GASOLINE
Staff Initials: DAM
Lead Agency: Local
Program: LUST
MTBE Code: N/A

HIST CORTESE:
edr_fname: FRESNO TIRE WHOLESALE
edr_fadd1: 457 FRESNO
City,State,Zip: FRESNO, CA 93721
Region: CORTESE

FRESNO TIRE WHOLESALE (Continued) **S104868890**

Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000517

CERS:
Name: FRESNO TIRE WHOLESALE
Address: 457 FRESNO ST N
City,State,Zip: FRESNO, CA 93721
Site ID: 243949
CERS ID: T0601900500
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title: Not reported
Affiliation Address: 1221 Fulton Street
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

60
East
1/2-1
0.730 mi.
3855 ft.

11-ACRE BALL FIELD **ENVIROSTOR** **S118756443**
FLORENCE AVENUE/LEE AVENUE **SCH** **N/A**
FRESNO, CA 93706 **CERS**

Relative:
Lower

Actual:
279 ft.

ENVIROSTOR:
Name: 11-ACRE BALL FIELD
Address: FLORENCE AVENUE/LEE AVENUE
City,State,Zip: FRESNO, CA 93706
Facility ID: 10000005
Status: No Action Required
Status Date: 09/12/2001
Site Code: 104234
Site Type: School Investigation
Site Type Detailed: School
Acres: 11
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Juan Koponen
Division Branch: Northern California Schools & Santa Susana
Assembly: 31
Senate: 14
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 36.71680
Longitude: -119.8014
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found

11-ACRE BALL FIELD (Continued) **S118756443**

Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: 11-ACRE BALL FIELD
Alias Type: Alternate Name
Alias Name: FRESNO USD
Alias Type: Alternate Name
Alias Name: FRESNO USD-11 AC. BALL FIELD
Alias Type: Alternate Name
Alias Name: 104234
Alias Type: Project Code (Site Code)
Alias Name: 10000005
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/16/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/12/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: 11-ACRE BALL FIELD
Address: FLORENCE AVENUE/LEE AVENUE
City,State,Zip: FRESNO, CA 93706
Facility ID: 10000005
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 11
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported

11-ACRE BALL FIELD (Continued) **S118756443**

Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104234
Assembly:	31
Senate:	14
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	09/12/2001
Restricted Use:	NO
Funding:	School District
Latitude:	36.71680
Longitude:	-119.8014
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	11-ACRE BALL FIELD
Alias Type:	Alternate Name
Alias Name:	FRESNO USD
Alias Type:	Alternate Name
Alias Name:	FRESNO USD-11 AC. BALL FIELD
Alias Type:	Alternate Name
Alias Name:	104234
Alias Type:	Project Code (Site Code)
Alias Name:	10000005
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/10/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/16/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	09/12/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

11-ACRE BALL FIELD (Continued) **S118756443**

CERS:
- Name: 11-ACRE BALL FIELD
- Address: FLORENCE AVENUE/LEE AVENUE
- City,State,Zip: FRESNO, CA 93706
- Site ID: 370769
- CERS ID: 10000005
- CERS Description: School Investigation

Affiliation:
- Affiliation Type Desc: Supervisor
- Entity Name: JUAN KOPONEN
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: Not reported
- Affiliation State: Not reported
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

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61 **FRESNO SANITARY LANDFILL** **ENVIROSTOR** **S101272707**
SSW **SW CORNER OF JENSEN & WEST AVENUES** **HIST Cal-Sites** **N/A**
1/2-1 **FRESNO, CA 93706** **DEED**
0.940 mi.
4962 ft.

Relative:
Lower

Actual:
271 ft.

ENVIROSTOR:
- Name: FRESNO SANITARY LANDFILL
- Address: SW CORNER OF JENSEN & WEST AVENUES
- City,State,Zip: FRESNO, CA 93706
- Facility ID: 10490097
- Status: Active
- Status Date: 01/01/1989
- Site Code: 100246
- Site Type: Federal Superfund
- Site Type Detailed: State Response or NPL
- Acres: 2
- NPL: YES
- Regulatory Agencies: SMBRP, RWQCB 5F - Central Valley, US EPA
- Lead Agency: US EPA
- Program Manager: Juan Peng
- Supervisor: William Beckman
- Division Branch: Cleanup Sacramento
- Assembly: 31
- Senate: 14
- Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
- Restricted Use: YES
- Site Mgmt Req: NONE SPECIFIED
- Funding: Responsible Party
- Latitude: 36.70388
- Longitude: -119.8269
- APN: NONE SPECIFIED
- Past Use: LANDFILL - DOMESTIC, LANDFILL - DOMESTIC, LANDFILL - HAZARDOUS WASTE
- Potential COC: Methane Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Barium and compounds Chloroform 1,2-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane (EDC 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans 1,2-Dichloropropane Manganese and

FRESNO SANITARY LANDFILL (Continued) **S101272707**

compounds Methylene chloride Selenium Toluene Trichlorofluoromethane Methane Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Methane Tetrachloroethylene (PCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Methylene chloride 1,1,2-Trichloroethane

Confirmed COC: Methane Tetrachloroethylene (PCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Methylene chloride 1,1,2-Trichloroethane Methane Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Methane Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Chloroform 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans

Potential Description: AQUI, SOIL, SV, IA

Alias Name: FRESNO MUNICIPAL SANITARY LANDFILL
Alias Type: Alternate Name
Alias Name: 110033615595
Alias Type: EPA (FRS #)
Alias Name: SLT5FR134368
Alias Type: GeoTracker Global ID
Alias Name: CAD980636914
Alias Type: HWTS Identification Code
Alias Name: P12273
Alias Type: PCode
Alias Name: 100246
Alias Type: Project Code (Site Code)
Alias Name: 10490097
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/29/2012
Comments: landfill LUC and sports complex LUC are now recorded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 09/30/1990
Comments: The City of Fresno and EPA signed an Administrative Consent Order in September 1990, to address remediation of the groundwater contamination, soil contamination, and methane gas migration.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/24/1981
Comments: Facility Identified: EPA Superfund List.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/25/2016
Comments: Mailed to RP on October 25, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/12/2018
Comments: 2018-2019 DTSC Oversight Cost Estimate for FSL.

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/13/2015
Comments: .

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/06/2016
Comments: DTSC comments submitted to USEPA. Will further discuss in Phase 3 meetings.

Completed Area Name: OU1 - Landfill
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/19/2016
Comments: Report looks good. No comment submitted.

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/24/2016
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/05/2016
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 12/14/2016
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/10/2017
Comments: DTSC comments were sent to City of Fresno’s contractor on Jan. 10, 2017. Changes were minor. Final 100% package is expected mid-January, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Completed Document Type: Record of Decision w/ESD
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/06/2017
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/25/2017
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 02/08/2017
Comments: No further comments were provided.

Completed Area Name: OU1 - Landfill
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/09/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/26/1997
Comments: DES/CAP -- Completion of the design for the cover system, including irrigation and vegetation systems, surface water management system, landfill gas collection system, landfill gas treatment system, and contingency leachate collection system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/12/2002
Comments: RMDL - CAP -- The landfill began operation in 1937 and stopped accepting trash in 1989. A protective liner was never installed beneath the landfill. Groundwater, soil, and air were all impacted by the release of contaminants from the landfill. The most common form of contamination at the landfill are landfill gas and leachate, which contributes to the contamination of the grooundwater. To stop the production of leachate, four layers of the landfill cover system were installed and these are the foundation layer, the geomembrane layer and drainage, filter layers and vegetation of the cap. RMDL - GW1 - Same as above

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/01/1999
Comments: DESIGN-GW1; - Completion of the Phase 1 Groundwater Design to contain

FRESNO SANITARY LANDFILL (Continued) **S101272707**

the ground water contamination to the site was approved on 9/1/99.

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 09/30/1996
Comments: RAP (GW) The EPA's preferred alternative includes source control and downgradient plume restoration. The goal of the alternative is to control the migration of continuing groundwater contamination and to restore the aquifer beyond the landfill perimeter to levels protective of human health and the environment. EPA approved the ROD on September 30, 1996.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/27/1996
Comments: RI/FS -- Final RI/FS was approved for the site. The RI/FS includes a gas collection system, installation of cap, a surface water collection system, and 6 groundwater monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/31/1994
Comments: Not reported

Completed Area Name: OU1 - Landfill
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision
Completed Date: 09/29/1993
Comments: ROD/RAP -- The Record of Decision for the Fresno Sanitary Landfill was signed on 9/29/93. The remedial method chosen includes a landfill gas collection with on-site gas treatment, landfill cap, and storm water drainage system. Expected cost of the remedial action is estimated at $23,000,000 (City of Fresno)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Engineering Evaluation / Cost Analysis - Non-Time Critical
Completed Date: 04/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/09/1987
Comments: Site Screening Done: Site listed on EPA Cerclis. State conducted Preliminary Assessment. EPA conducted Site Inspection. EPA has the lead.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/30/1984
Comments: RA: In 1984, the City intalled wells around the perimeter of the landfill to monitor methane and grounwater. The City also constructed

FRESNO SANITARY LANDFILL (Continued) **S101272707**

landfill gas migation barriers on east and west sides of the landfill to prevent methane from migrating off-side to nearby homes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1984
Comments: A preliminary assessment was conducted by DTSC in 1984. Methane gas and vinnyl chloride had migrated from the landfill to the surrounding areas. The City installed monitoring wells around the landfill perimeter in 1984. Subsequent test indicated that volatile organic compounds (VOCs) were present in groundwater samples collected from wells at the edge of the landfill. Nine municipal wells are located within three miles of the site. Water these wells empty into a blended system that serves the City of Fresno. The general distribution area of the system serves approximately 300,000 people. Several irrigation and residential wells are located within a few thousand feet of the site. In operation since 1935. Strategy is to submit a plan of closure in 1985. PA (RCRA 3012) submitted to EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 01/09/2007
Comments: RP provided list of all O&M manuels required for this remedy. The manuels are located at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/13/2011
Comments: addendum to supplemental risk analysis reviewed and comments provided by dtsc toxicologist to dtsc pm via email

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 10/06/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/29/2011
Comments: work plan is acceptable to intiate supplemental groundwater investigation.

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/27/2011
Comments: data in this report discussed during a conference call on October 27, 2011 the basis for design report was also discussed that depicts location for proposed lower b zone extraction well and additional b and c zone monitoring wells.

Completed Area Name: OU2 - Groundwater

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/27/2011
Comments: report discussed during conference call on 10/27/2012

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/01/2013
Comments: no formal response needed for this monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/29/2016
Comments: final signed copy arrived today via email from epa

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/03/2014
Comments: routine gw monitoring report

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/03/2014
Comments: sufficient report

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/10/2014
Comments: sufficient report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/15/2019
Comments: DTSC reviewed this quarterly report and provided no further comments.

Completed Area Name: OU1 - Landfill
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/07/2019
Comments: DTSC reviewed the 2019 OU1 report and provided no further comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/03/2017
Comments: FSL Quarterly Progress Report - 1st Quarter 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/22/2016

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Comments: FSL Quarterly Progress Report - 2nd Quarter 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/24/2016
Comments: FSL Quarterly Progress Report - 3rd Quarter 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/12/2017
Comments: FSL Quarterly Progress Report - 4th Quarter 2016

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/03/2018
Comments: DTSC has reviewed the report and provided no further comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/14/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/23/2017
Comments: DTSC completed review of FSL Quarterly Progress Report - 3rd Quarter 2017. No comments were made. LFG flare PLC and electrical panels will be replaced by October 2017. A Landfill Maintenance and Re-grading Plan is expected by the end of 2017 to address subsidence issues. Phase 3 Groundwater RD will be rebid as two separate elements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/17/2018
Comments: FSL 2017Q4 quarterly report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/06/2018
Comments: Phase 3 Groundwater RA was re-designed as two separate work elements - Groundwater Wells project and Integration project. Selected Contractors for each element were formally approved at the March 22, 2018 City Council meeting. Construction for the Groundwater Wells project is expected to begin in May 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/30/2018
Comments: DTSC reviewed the report and has no further questions or comments.

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Completed Area Name: OU1 - Landfill
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/15/2018
Comments: DTSC has no comments on the report, but noticed extended LFG flare downtime than previous years (1378.8 hours, or 56 days, or 15.2% of 2017) and discussed with EPA RPM on April 17, 2018. EPA requested VOC emission estimation via email on April 19, 2018. On April 27, 2018, CDM Smith (City of Fresno contractor) responded to EPA's email and estimated total 2017 VOC emissions to be 11.75 lbs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/04/2019
Comments: Site Inspection was completed on March 4, 2019 with EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/11/2018
Comments: DTSC reviewed the report and provided no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/09/2019
Comments: DTSC reviewed the 4Q2018 quarterly report and has no comments.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Report
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2020
Future Area Name: OU2 - Groundwater
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2020
Future Area Name: OU1 - Landfill
Future Sub Area Name: Not reported
Future Document Type: Operations and Maintenance Plan
Future Due Date: 2020
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Schedule Revised Date: Not reported

Calsite:

Name:	FRESNO SANITARY LANDFILL
Address:	SW CORNER OF JENSEN & WEST AVENUES
City:	FRESNO
Region:	SACRAMENTO
Facility ID:	10490097
Facility Type:	NPRP
Type:	NPL SITE, RP-FUNDED
Branch:	CC
Branch Name:	CENTRAL CALIFORNIA
File Name:	Not reported
State Senate District:	01011989
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY
NPL:	Listed
SIC Code:	49
SIC Name:	ELECTRIC, GAS & SANITARY SERVICES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	EMENSAH
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	Not reported
Region Water Control Board Name:	Not reported
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	31
State Senate District Code:	16
Facility ID:	10490097
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08241981
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

FRESNO SANITARY LANDFILL (Continued) **S101272707**

For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	BARRI
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12301984
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02091987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CNSNT
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Comments Date:	09301990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	CAPGS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04301993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	CAPGS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09291993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CAPGS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10311994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06271996
Est Person-Yrs to complete:	0.23000
Estimated Size:	L
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301996
Est Person-Yrs to complete:	0.17000
Estimated Size:	L
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	DES
Activity Name:	DESIGN
AWP Code:	GW1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09011999
Est Person-Yrs to complete:	0
Estimated Size:	L
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	GW1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06122002
Est Person-Yrs to complete:	0
Estimated Size:	L

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	L
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	01312022
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	SOF
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12051996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	DES
Activity Name:	DESIGN
AWP Code:	CAP
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06261997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10490097
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	CAP

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06122002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	X
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	SW CORNER OF JENSEN & WEST AVENUES
Alternate City,St,Zip:	FRESNO, CA 93706

Background Info:

The Fresno Sanitary Landfill (FSL) is owned and was operated by the City of Fresno as a Class III Landfill from 1937 to 1989. The City began the process of closing the landfill by filing a Negative Declaration with the RWQCB in August 1981. Twenty volatile organic compounds (VOCs) have been detected in monitoring wells adjacent to and downgradient from FSL. Vinyl chloride, percholoroethylene (PCE), trichloroethane (TCA), methylene chloride and trans1,2-dichloroethane (trans 1,2-DCA) have been detected in the groundwater. Limited onsite sampling for metals in groundwater have detected chromium (Cr), iron (Fe) and manganese (Mn) at elevated levels. Methane has migrated offsite on the east and west affecting nearby vineyards, and methane barriers have been installed on the north and south to protect the residences. A methane monitoring system consisting of 17 methane monitoring wells is in place.

Domestic wells downgradient have been impacted and the residents have been given alternative water. Volatile organic compounds are in the shallow aquifer at levels above the MCLs. A preliminary assessment was conducted by DTSC in 1984. Landfill wastes are covered with a minimum one foot of soils. The perimeter of the landfill is fenced and access is restricted.

This site has been placed on the NPL. The City of Fresno and EPA signed an Administrative Consent Order in September 1990, to address remediation of the groundwater contamination, soil contamination, and methane gas migration. The City of Fresno conducted an RI/FS for the site in June 1996.

Soil gas investigation performed at the site during the fall of 1991 indicated the presence of vinyl chloride and other compounds associated with landfill gas in the vicinity of residents south of the landfill. Sampling for vinyl chloride in the homes south of the landfill took place in the winter of 1991 and the spring of 1992. Vinyl chloride was not detected in any of the homes. Fourteen

FRESNO SANITARY LANDFILL (Continued) **S101272707**

groundwater monitoring wells were installed as part of the RI activities. Design for the landfill cap, gas control system, gas migration monitoring system and the storm water collection system was completed and approved in October 1994. The ROD and RAP was completed on 09/30/1996. Under the direction of EPA, the City of Fresno started construction of groundwater treatment system. The geomembrance layer and drainage and filter layer have been installed. Other construction work ongoing are the landfill gas extraction wells, gas monitoring probes and landfill gas flare.
The construction of the overall landfill cover and gas control system will be complete once the groundwater treatment plant becomes fully operational and the landfill cover vegetation has successfully grown. Field work is expected to be completed in early 2002.

Comments Date: 01011984
Comments: DHS: Methane gas migration.
Comments Date: 01011990
Comments: Landfill closed in 1989.
Comments Date: 02091987
Comments: Site Screening Done: Site listed on EPA Cerclis. State
Comments Date: 02091987
Comments: conducted Preliminary Assessment. EPA conducted Site
Comments Date: 02091987
Comments: Inspection. EPA has the lead.
Comments Date: 05021985
Comments: EPA Federal Investigation Team (FIT) PA/SI: Off-site
Comments Date: 05021985
Comments: migration of methane and hazardous chemicals is known.
Comments Date: 05021985
Comments: Installed methane migration barriers. More groundwater wells
Comments Date: 05021985
Comments: are being installed. Suggest periodic review of all programs
Comments Date: 05021985
Comments: and analysis by EPA. No direct involvement at this time.
Comments Date: 06051984
Comments: EPA received complaint phone call.
Comments Date: 06122002
Comments: RMDL - CAP -- The landfill began operation in 1937 and stopped
Comments Date: 06122002
Comments: accepting trash in 1989. A protective liner was never installed
Comments Date: 06122002
Comments: beneath the landfill. Groundwater, soil, and air were all
Comments Date: 06122002
Comments: impacted by the release of contaminants from the landfill. The
Comments Date: 06122002
Comments: most common form of contamination at the landfill are landfill
Comments Date: 06122002
Comments: gas and leachate, which contributes to the contamination of the
Comments Date: 06122002
Comments: grooundwater. To stop the production of leachate, four layers of
Comments Date: 06122002
Comments: the landfill cover system were installed and these are the
Comments Date: 06122002
Comments: foundation layer, the geomembrane layer and drainage, filter
Comments Date: 06122002
Comments: layers and vegetation of the cap.

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Comments Date:	06122002
Comments:	RMDL - GW1 -- Same as above
Comments Date:	06181984
Comments:	DHS: Testing of four wells and confirmation of groundwater
Comments Date:	06181984
Comments:	contamination.
Comments Date:	06261997
Comments:	DES/CAP -- Completion of the design for the cover system,
Comments Date:	06261997
Comments:	including irrigation and vegetation systems, surface water
Comments Date:	06261997
Comments:	management system, landfill gas collection system, landfill
Comments Date:	06261997
Comments:	gas treatment system, and contingency leachate collection
Comments Date:	06261997
Comments:	system.
Comments Date:	06271983
Comments:	City Public Works and County Health Dept identified the
Comments Date:	06271983
Comments:	existence of volatile gas off-site.
Comments Date:	06271996
Comments:	RI/FS -- Final RI/FS was approved for the site. The RI/FS
Comments Date:	06271996
Comments:	includes a gas collection system, installation of cap, a
Comments Date:	06271996
Comments:	surface water collection system, and 6 groundwater monitor-
Comments Date:	06271996
Comments:	ing wells.
Comments Date:	06301984
Comments:	Preliminary Assessment Done: Class II-2 Landfill. Movements
Comments Date:	06301984
Comments:	are underway by City, Public Works, RWQCB, SWMB, and County
Comments Date:	06301984
Comments:	Health. Migration of methane gas has been detected ten feet
Comments Date:	06301984
Comments:	from far area. Water from irrigation wells is contaminated
Comments Date:	06301984
Comments:	by PERC (4.8 ppb) and TCE. In operation since 1935. Strategy
Comments Date:	06301984
Comments:	is to submit a plan of closure in 1985.
Comments Date:	06301984
Comments:	PA (RCRA 3012) submitted to EPA.
Comments Date:	07251991
Comments:	Site is a municipal landfill. Contaminants include vinyl
Comments Date:	07251991
Comments:	chloride, tetrachloroethane, TCA, methylene, chloride, and
Comments Date:	07251991
Comments:	trans 1,2-DCA.
Comments Date:	08111983
Comments:	SWMB Inspection: Samples.
Comments Date:	08241981
Comments:	Facility Identified: EPA Superfund List.
Comments Date:	09011987
Comments:	Site reported for Proposition 65.
Comments Date:	09011999
Comments:	DESIGN-GW1; - Completion of the Phase 1 Groundwater Design to
Comments Date:	09011999

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Comments:	contain the ground water contamination to the site was approved
Comments Date:	09011999
Comments:	on 9/1/99.
Comments Date:	09291993
Comments:	ROD/RAP -- The Record of Decision for the Fresno Sanitary
Comments Date:	09291993
Comments:	Landfill was signed on 9/29/93. The remedial method
Comments Date:	09291993
Comments:	chosen includes a landfill gas collection with on-site gas
Comments Date:	09291993
Comments:	treatment, landfill cap, and storm water drainage system.
Comments Date:	09291993
Comments:	Expected cost of the remedial action is estimated at
Comments Date:	09291993
Comments:	$23,000,000 (City of Fresno)
Comments Date:	09301996
Comments:	RAP (GW) The EPA's preferred alternative includes source
Comments Date:	09301996
Comments:	control and downgradient plume restoration. The goal of the
Comments Date:	09301996
Comments:	alternative is to control the migration of continuing
Comments Date:	09301996
Comments:	groundwater contamination and to restore the aquifer beyond
Comments Date:	09301996
Comments:	the landfill perimeter to levels protective of human health and
Comments Date:	09301996
Comments:	the environment. EPA approved the ROD on September 30, 1996.
Comments Date:	10061983
Comments:	Operator wishing to install seven gas and four water
Comments Date:	10061983
Comments:	monitoring wells. West side of landfill is resloped. Ground
Comments Date:	10061983
Comments:	cover seed ready for application.
Comments Date:	11221983
Comments:	BSK: Results of first methane gas test are within allowable
Comments Date:	11221983
Comments:	limits.
Comments Date:	12011983
Comments:	BSK: Results of second methane gas tests are in excess of
Comments Date:	12011983
Comments:	allowable limits.
Comments Date:	12051996
Comments:	COST (SOF) Statement of Facts to OLC and AG office for purposes
Comments Date:	12051996
Comments:	of filing a cost recovery action in court.
Comments Date:	12301984
Comments:	RA: Methane barrier construction.
ID Name:	CALSTARS CODE
ID Value:	100246
ID Name:	HWIS IDENTIFICATION CODE
ID Value:	CAD980636914
ID Name:	BEP DATABASE PCODE
ID Value:	P12273
Alternate Name:	FRESNO MUNICIPAL SANITARY LANDFILL
Alternate Name:	FRESNO SANITARY LANDFILL
Alternate Name:	Not reported
Special Programs Code:	R3012

FRESNO SANITARY LANDFILL (Continued) **S101272707**

Special Programs Name: RCRA 3012
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

DEED:
Name: FRESNO SANITARY LANDFILL
Address: SW CORNER OF JENSEN & WEST AVENUES
City,State,Zip: FRESNO, CA 93706
Envirostor ID: 10490097
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: FEDERAL SUPERFUND
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 03/29/2012
File Name: Envirostor Land Use Restrictions

Count: 6 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FRESNO	S112138471		NORTH AVE, 1/8TH MILE WEST OF	93706	CDL
FRESNO	S107538023		CENTRAL AVE, 1/4 MILE WEST OF	93706	CDL
FRESNO	S100833393	FRESNO MUNICIPAL SANITARY LANDFILL	SOUTHWEST CORNER OF JENSEN AND	93706	CA BOND EXP. PLAN
FRESNO	S107526592		1/2 MI E OF FRUIT, 100 YDS FRO		CDL
FRESNO	S107526637		1/4 MI WEST OF CORNELIA ON NOR		CDL
FRESNO	S108407383		ON WEST AVE, 150 YDS S OF NORT	93706	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
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: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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 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 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: 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: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 55

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 55
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/26/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 42

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/17/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/05/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

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

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: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 64

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/02/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

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

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/09/2019
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 58

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 55

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

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

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/03/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 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: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 04/01/2019
Date Data Arrived at EDR: 04/30/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 100

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/10/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/30/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 71

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 57
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/18/2019
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 11
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/15/2019
Next Scheduled EDR Contact: 11/25/2019
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: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/19/2019
Date Data Arrived at EDR: 03/22/2019
Date Made Active in Reports: 04/09/2019
Number of Days to Update: 18

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

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

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/16/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 63

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 65
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/09/2019
Number of Days to Update: 66
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/13/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/09/2019
Number of Days to Update: 66
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 64
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/18/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 65
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

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

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
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: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/11/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 06/20/2019
Number of Days to Update: 70

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 26

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/23/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/22/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/26/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 06/05/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

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

Date of Government Version: 07/11/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/10/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 72

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/19/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

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

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 13

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/30/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 53

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

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

Source: N/A
Telephone: N/A
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/09/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 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: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 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: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
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: 06/25/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

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

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/12/2019
Next Scheduled EDR Contact: 10/28/2019
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: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

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

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

Date of Government Version: 05/28/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 67

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/23/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 02/21/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/23/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Annually

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

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/09/2019
Date Made Active in Reports: 05/30/2019
Number of Days to Update: 21

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/12/2019
Number of Days to Update: 69

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 05/06/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 09/13/2019
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/16/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

Date of Government Version: 05/31/2019
Date Data Arrived at EDR: 05/31/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 65

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
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: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/11/2019
Next Scheduled EDR Contact: 12/29/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/06/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/15/2019
Number of Days to Update: 1

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

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

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 56

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019
Date Data Arrived at EDR: 05/23/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 60
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/14/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 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: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
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: 07/23/2019
Number of Days to Update: 47
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 07/02/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 80

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 07/18/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 07/23/2019
Number of Days to Update: 49

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 05/09/2019
Date Data Arrived at EDR: 05/10/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/05/2019
Next Scheduled EDR Contact: 11/18/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/31/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
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: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

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

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/12/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 42
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 06/26/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 07/31/2019
Number of Days to Update: 33
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 07/16/2019
Number of Days to Update: 70
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/25/2019
Next Scheduled EDR Contact: 11/11/2019
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/07/2019
Next Scheduled EDR Contact: 11/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2019
Next Scheduled EDR Contact: 11/11/2019
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: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/16/2019
Next Scheduled EDR Contact: 12/02/2019
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: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SW GREEN TRAIL ALIGNMENT
SW GREEN TRAIL ALIGNMENT
FRESNO, CA 93706

TARGET PROPERTY COORDINATES

Latitude (North):	36.719008 - 36° 43' 8.43''
Longitude (West):	119.819698 - 119° 49' 10.91''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	248158.9
UTM Y (Meters):	4067206.2
Elevation:	283 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5603172 FRESNO SOUTH, CA
Version Date:	2012

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

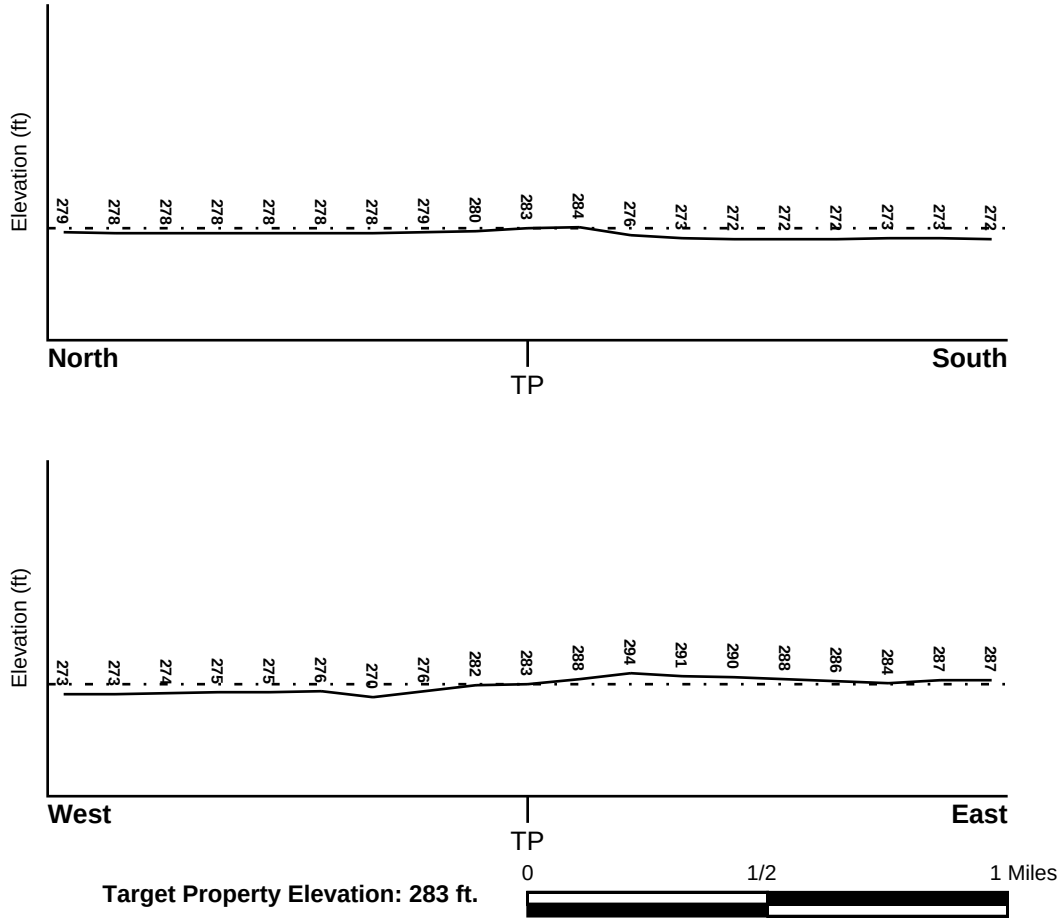
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 283 ft.

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
06019C2105H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06019C2110H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FRESNO SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

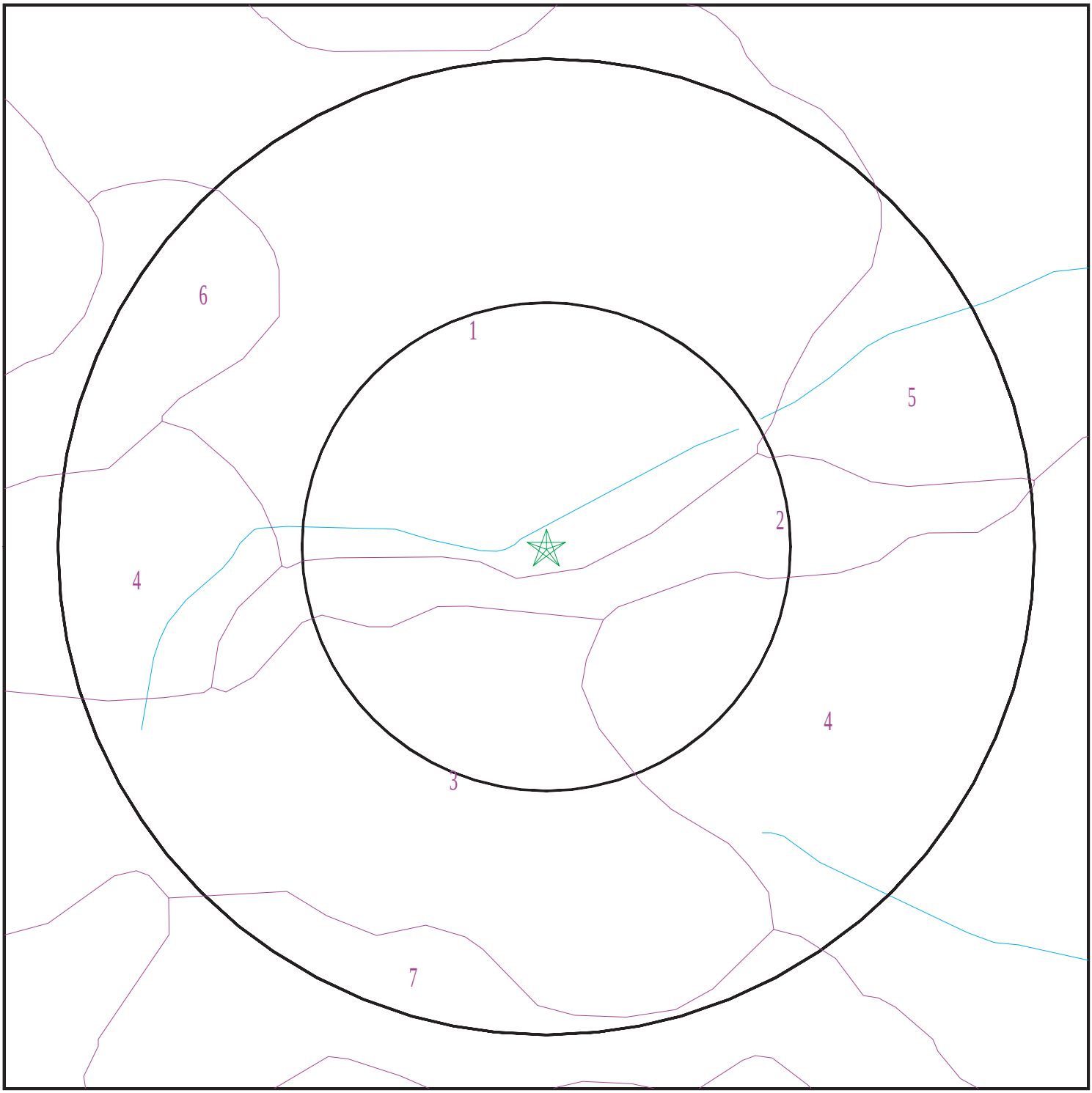
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

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

SSURGO SOIL MAP - 05817016.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	SW Green Trail Alignment	CLIENT:	Rincon
ADDRESS:	SW Green Trail Alignment Fresno CA 93706	CONTACT:	Lauren Kodama Roenicke
LAT/LONG:	36.719008 / 119.819698	INQUIRY #:	05817016.2r
		DATE:	October 04, 2019 4:33 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RAMONA

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1
2	11 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1
3	24 inches	38 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	38 inches	59 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

Soil Map ID: 2

Soil Component Name: ATWATER

Soil Surface Texture: loamy 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	24 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6
2	24 inches	42 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	42 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Map ID: 3

Soil Component Name: ATWATER

Soil Surface Texture: loamy 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	24 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6
2	24 inches	42 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	42 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Map ID: 4

Soil Component Name: ATWATER

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6
2	24 inches	42 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	42 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.6

Soil Map ID: 5

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	16 inches	38 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	38 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

Soil Map ID: 6

Soil Component Name: RAMONA

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1 Min: 0.1	Max: Min:
2	11 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1 Min: 0.1	Max: Min:

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	24 inches	40 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1 Min: 0.1	Max: Min:
4	40 inches	53 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 1 Min: 0.1	Max: Min:

Soil Map ID: 7

Soil Component Name: GREENFIELD

Soil Surface Texture: cemented

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	38 inches	42 inches	cemented	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	0 inches	16 inches	sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	16 inches	38 inches	sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1

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
2	USGS40000176888	1/4 - 1/2 Mile ENE
5	USGS40000176736	1/2 - 1 Mile SSW
6	USGS40000176751	1/2 - 1 Mile SE
9	USGS40000176872	1/2 - 1 Mile East
10	USGS40000176701	1/2 - 1 Mile SSW
11	USGS40000176974	1/2 - 1 Mile NNE
12	USGS40000176773	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

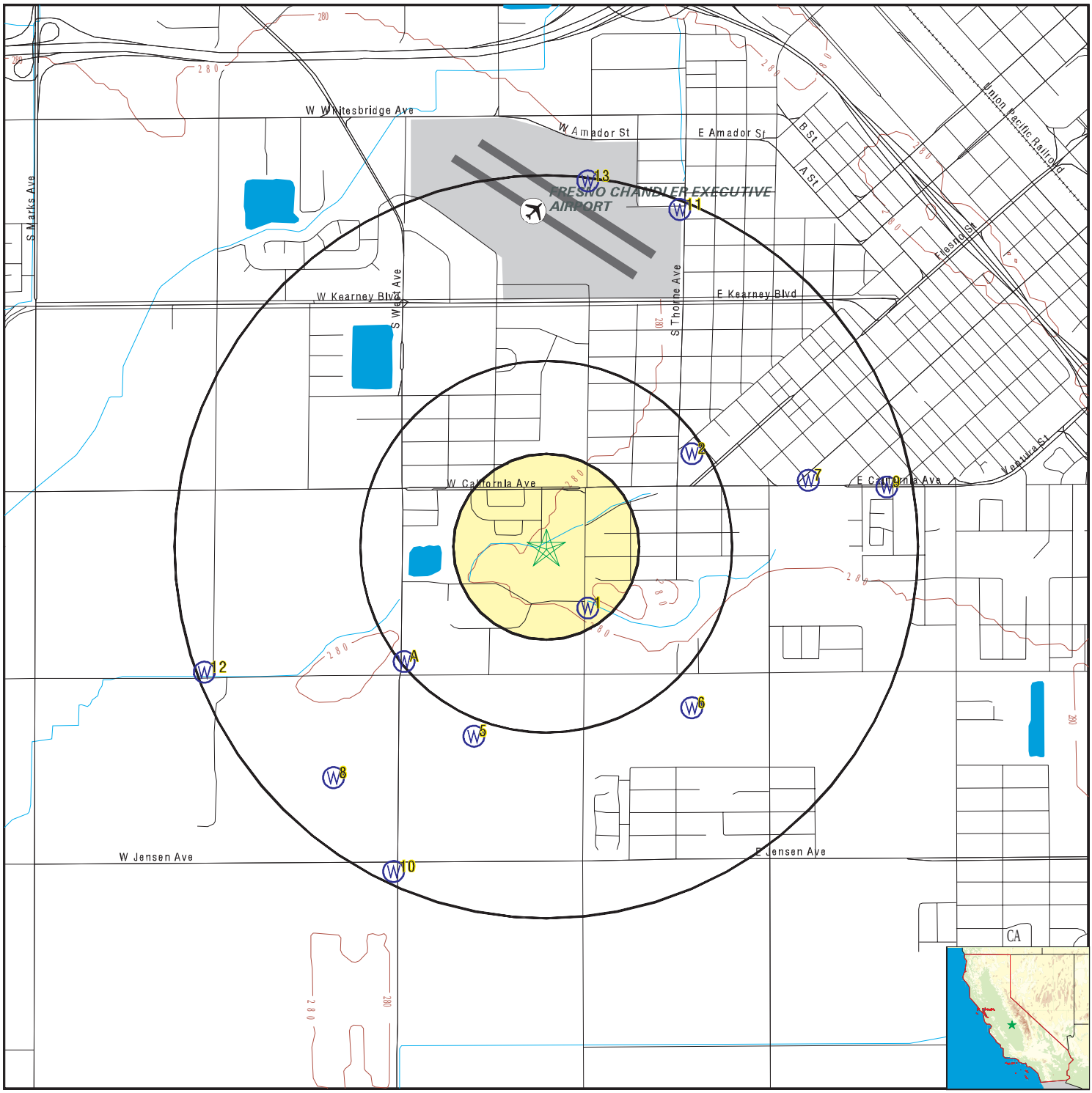
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	12146	1/8 - 1/4 Mile SE
A3	12173	1/4 - 1/2 Mile SW
A4	12172	1/4 - 1/2 Mile SW
7	CADWR8000029090	1/2 - 1 Mile ENE
8	CADWR8000028933	1/2 - 1 Mile SW
13	12145	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 05817016.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	SW Green Trail Alignment	CLIENT:	Rincon
ADDRESS:	SW Green Trail Alignment Fresno CA 93706	CONTACT:	Lauren Kodama Roenicke
LAT/LONG:	36.719008 / 119.819698	INQUIRY #:	05817016.2r
		DATE:	October 04, 2019 4:32 pm

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Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1		
SE	**CA WELLS**	**12146**
1/8 - 1/4 Mile		
Higher		

Seq:	12146	Prim sta c:	14S/20E-08R01 M
Frds no:	1010007153	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 026A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	364300.0	Longitude:	1194900.0
Precision:	8	Status:	AU
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:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		
Sample date:	08-FEB-18	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-17	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JUN-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	3.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-JAN-17	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	1.8
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JAN-17	Finding:	4.2
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JAN-17	Finding:	61.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		

Sample date:	10-JAN-17	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-JAN-17	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-JAN-17	Finding:	20.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	6.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	26.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	34.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-17	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	2.e-003
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-JAN-17	Finding:	7.4
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-JAN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported

Dlr:	0.		
Sample date:	10-JAN-17	Finding:	5.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-17	Finding:	4.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-NOV-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-16	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-DEC-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-SEP-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-APR-14	Finding:	24.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	6.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	27.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	20.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	25-APR-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-APR-14	Finding:	460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-APR-14	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-APR-14	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	0.16
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-APR-14	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-APR-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-APR-14	Finding:	37.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-OCT-13	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-13	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-13	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-DEC-12	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JUN-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAR-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr: 2.

2
ENE **FED USGS** **USGS40000176888**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E08R001M	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590901	Well Depth:	340
Well Depth Units:	ft	Well Hole Depth:	340
Well Hole Depth Units:	ft		

A3
SW **CA WELLS** **12173**
1/4 - 1/2 Mile
Lower

Seq:	12173	Prim sta c:	14S/20E-17E02 M
Frds no:	1010007313	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 088-2	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364253.0	Longitude:	1194932.0
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:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		

Sample date:	09-FEB-18	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-JAN-17	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	31-JAN-17	Finding:	2.1e-002
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	7.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	31-JAN-17	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-JAN-17	Finding:	5.2
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-JAN-17	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	3.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	21.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	25.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	110.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	3.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JAN-17	Finding:	0.156
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-JAN-17	Finding:	1.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	18-JAN-17	Finding:	0.747
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-MAR-16	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-APR-14	Finding:	0.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-APR-14	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	5.1
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-APR-14	Finding:	9.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	10.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	22.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	97.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	28-APR-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-14	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-APR-14	Finding:	270.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-APR-14	Finding:	0.34
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	28-APR-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-MAR-12	Finding:	0.455
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

A4
SW
1/4 - 1/2 Mile
Lower

CA WELLS 12172

Seq:	12172	Prim sta c:	14S/20E-17E01 M
Frds no:	1010007222	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 088 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364252.0	Longitude:	1194932.0
Precision:	2	Status:	DS
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:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		

5
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000176736

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E07H001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600822	Well Depth:	124
Well Depth Units:	ft	Well Hole Depth:	148
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-16
Feet below surface:	56.57	Feet to sea level:	Not Reported
Note:	Not Reported		

6
SE **FED USGS** **USGS40000176751**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E17K001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19591118	Well Depth:	147
Well Depth Units:	ft	Well Hole Depth:	147
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-16
Feet below surface:	54.65	Feet to sea level:	Not Reported
Note:	Not Reported		

7
ENE **CA WELLS** **CADWR8000029090**
1/2 - 1 Mile
Higher

State Well #:	14S20E09N001M	Station ID:	15142
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Kings	Well Completion Rpt #:	Not Reported

8
SW **CA WELLS** **CADWR8000028933**
1/2 - 1 Mile
Lower

State Well #:	14S20E19B001M	Station ID:	15286
Well Name:	KRCDFID063	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	0
Basin Name:	Kings	Well Completion Rpt #:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000176872**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E09N001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	140
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-11-01
Feet below surface:	74.00	Feet to sea level:	Not Reported
Note:	Not Reported		

10
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000176701**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E19A001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1958	Well Depth:	125
Well Depth Units:	ft	Well Hole Depth:	145
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-16
Feet below surface:	51.15	Feet to sea level:	Not Reported
Note:	Not Reported		

11
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000176974**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E08H001M	Type:	Well
Description:	GAMA KITKAT INTERMEDIATE	HUC:	18040002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19680501	Well Depth:	440

Well Depth Units:	ft	Well Hole Depth:	440
Well Hole Depth Units:	ft		

12
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000176773**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E18E001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1950	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-16
Feet below surface:	52.87	Feet to sea level:	Not Reported
Note:	Not Reported		

13
North
1/2 - 1 Mile
Lower

CA WELLS **12145**

Seq:	12145	Prim sta c:	14S/20E-08H01 M
Frds no:	1010007154	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 027A	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	364400.0	Longitude:	1194900.0
Precision:	8	Status:	AU
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:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		

Sample date:	08-FEB-18	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-DEC-17	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	29-JUN-17	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-JAN-17	Finding:	6.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-JAN-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	5.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	7.9
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	6.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	22.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	16.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	27.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-JAN-17	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	30-JAN-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JAN-17	Finding:	1.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-NOV-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-DEC-15	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-15	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-15	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-NOV-14	Finding:	5.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-SEP-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-APR-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-APR-14	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-APR-14	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	8.6
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-APR-14	Finding:	16.
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	25-APR-14	Finding:	6.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	23.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	16.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	28.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-APR-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-APR-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-APR-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-OCT-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-13	Finding:	1.64
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-JUL-13	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-MAY-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-DEC-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	25-SEP-12	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JUN-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAR-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93706	29	8

Federal EPA Radon Zone for FRESNO 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: 93706

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.150 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

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

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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Appendix C

Historical Research Documentation

SW Green Trail Alignment

SW Green Trail Alignment

Fresno, CA 93706

Inquiry Number: 5817016.8

October 07, 2019

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

10/07/19

Site Name:

SW Green Trail Alignment
SW Green Trail Alignment
Fresno, CA 93706
EDR Inquiry # 5817016.8

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Lauren Kodama Roenicke

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

Search Results:

Year	Scale	Details	Source
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2009	1"=625'	Flight Year: 2009	USDA/NAIP
2006	1"=625'	Flight Year: 2006	USDA/NAIP
1998	1"=625'	Acquisition Date: August 17, 1998	USGS/DOQQ
1987	1"=625'	Flight Date: June 17, 1987	USDA
1984	1"=625'	Flight Date: June 09, 1984	USDA
1979	1"=625'	Flight Date: September 04, 1979	USDA
1973	1"=625'	Flight Date: May 08, 1973	USDA
1967	1"=625'	Flight Date: May 02, 1967	USDA
1962	1"=625'	Flight Date: August 09, 1962	USGS
1957	1"=625'	Flight Date: August 09, 1957	USDA
1950	1"=625'	Flight Date: January 30, 1950	USDA
1946	1"=625'	Flight Date: April 23, 1946	USGS
1942	1"=625'	Flight Date: May 19, 1942	USDA
1937	1"=625'	Flight Date: October 05, 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.

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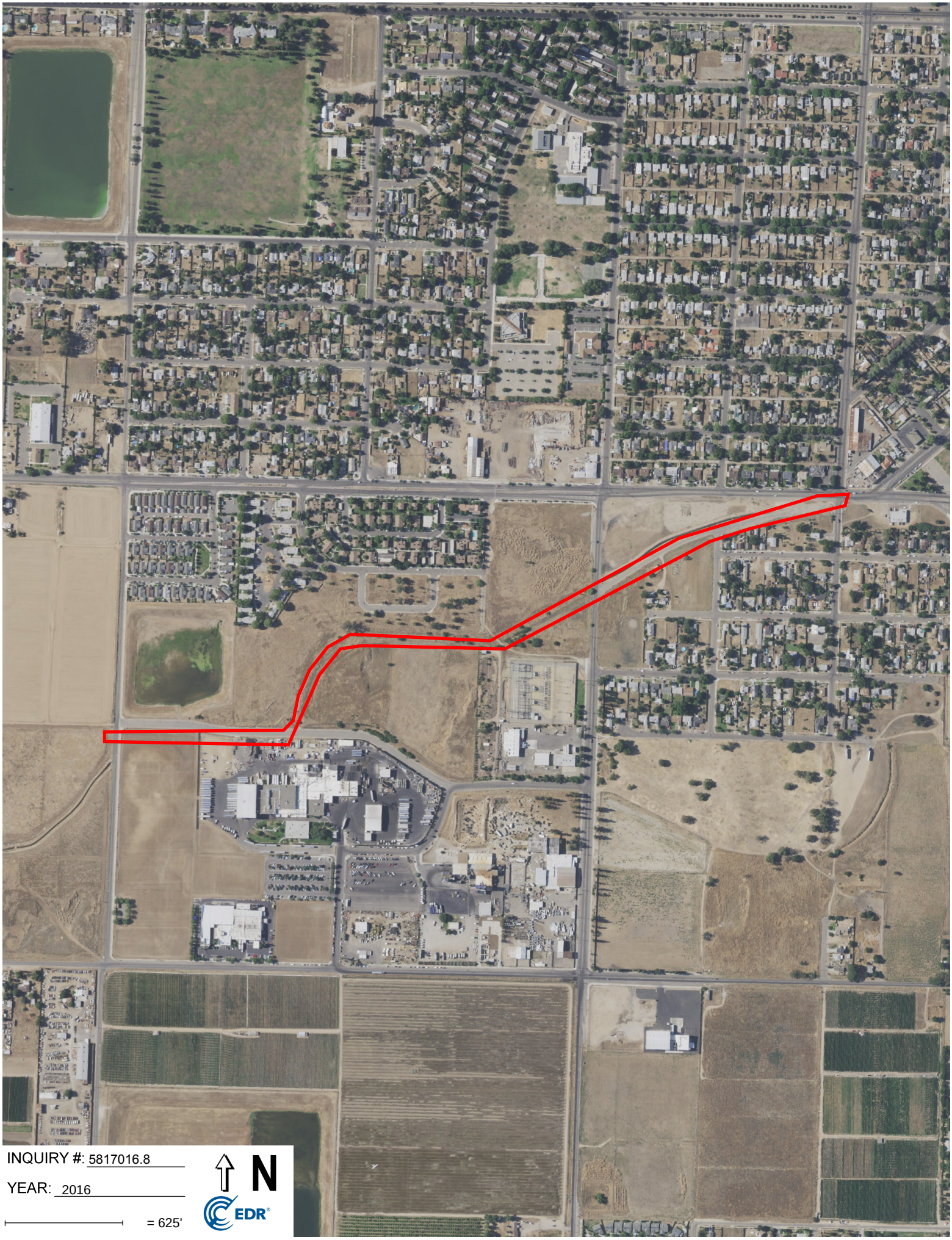
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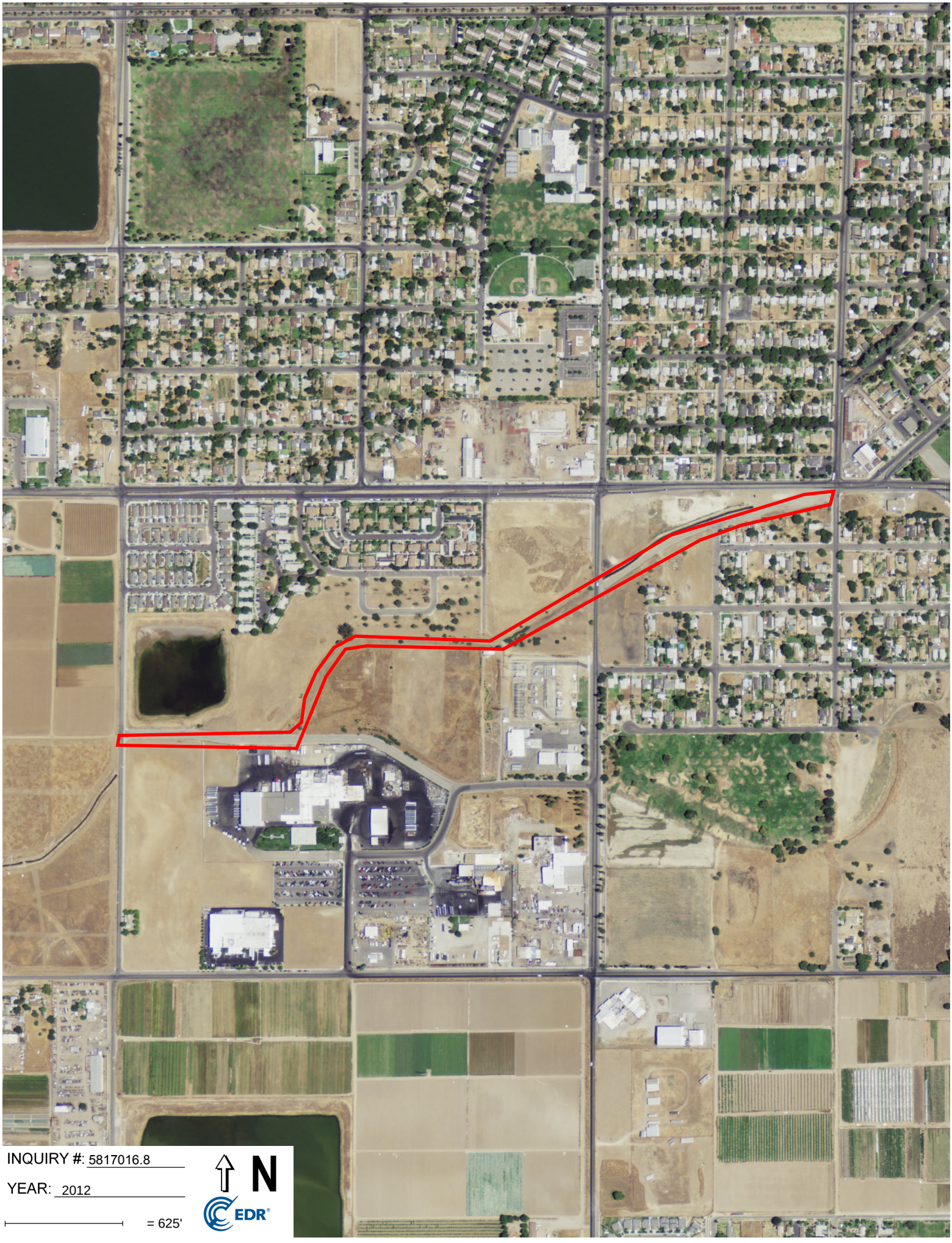
= 625'
N
EDR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YEAR: 2012
= 625'
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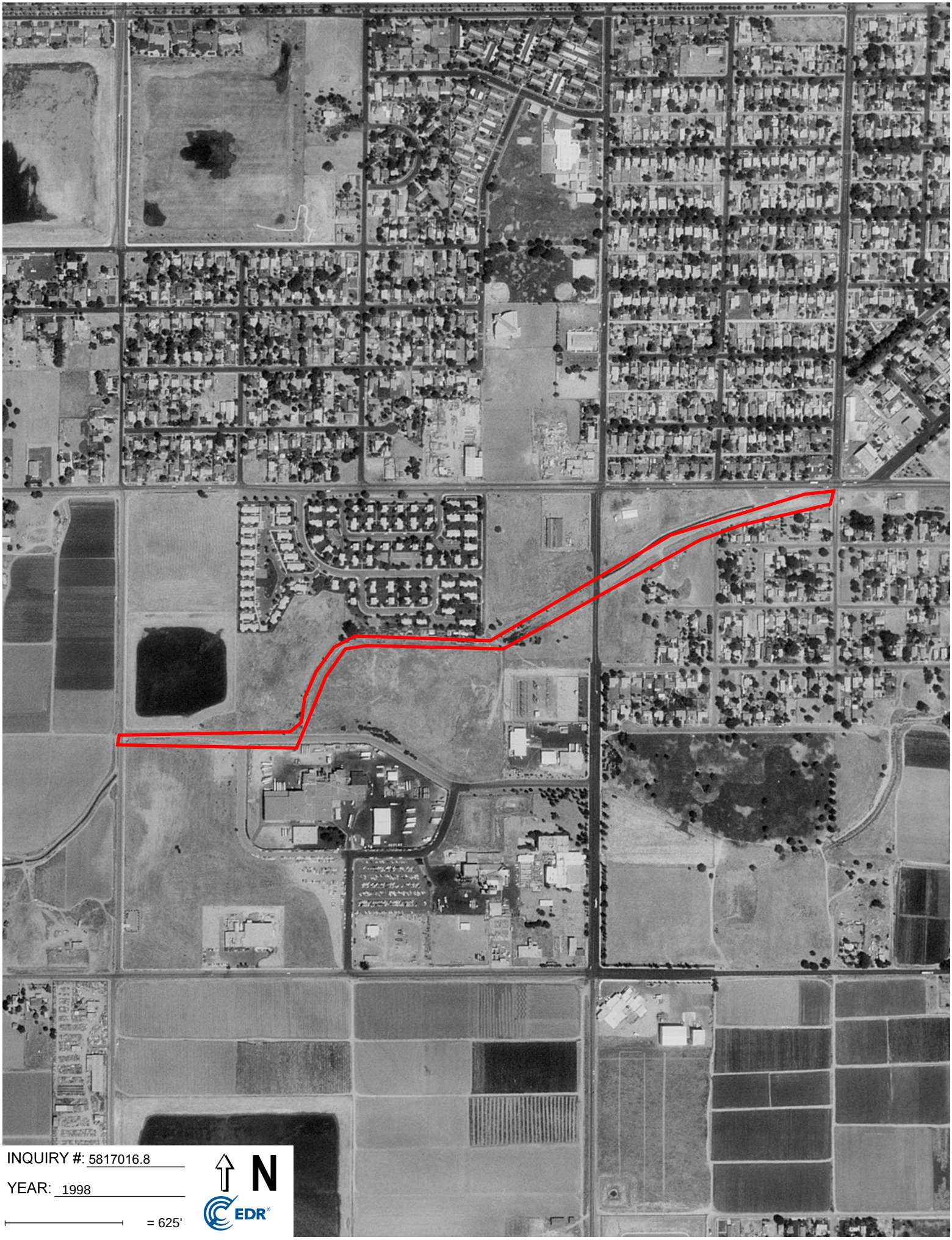
EDR


INQUIRY #: 5817016.8
YEAR: 2009
= 625'
N
EDR


INQUIRY #: 5817016.8
YEAR: 2006
= 625'
N
EDR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YEAR: 1998
= 625'
N
EDR


INQUIRY #: 5817016.8
YEAR: 1987
= 625'
N
EDR



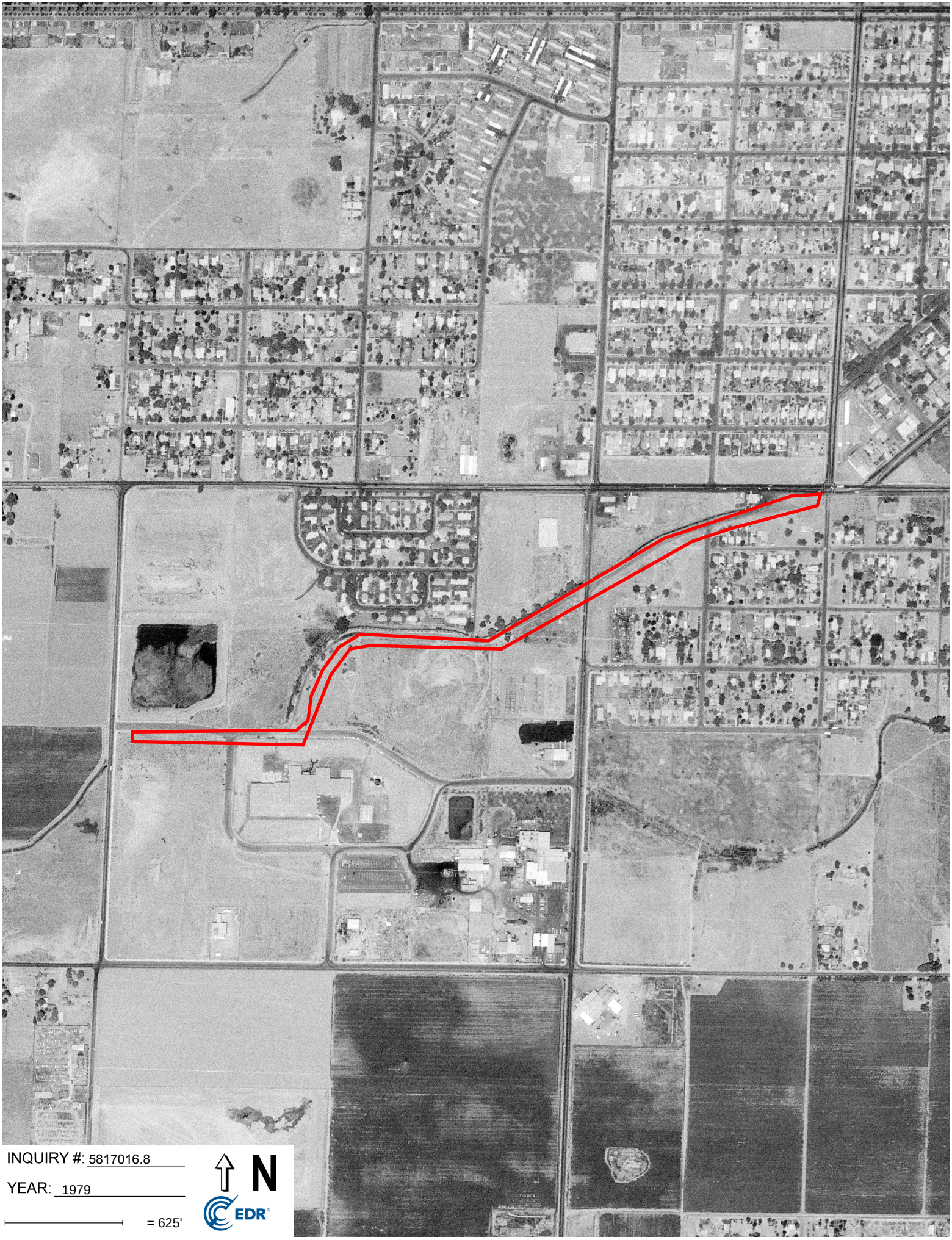
INQUIRY #: 5817016.8

YEAR: 1984

= 625'

N

EDR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YEAR: 1979
= 625'
N
EDR



INQUIRY #: 5817016.8

YEAR: 1973

= 625'

N

EDR



INQUIRY #: 5817016.8

YEAR: 1967

= 625'

N

EDR



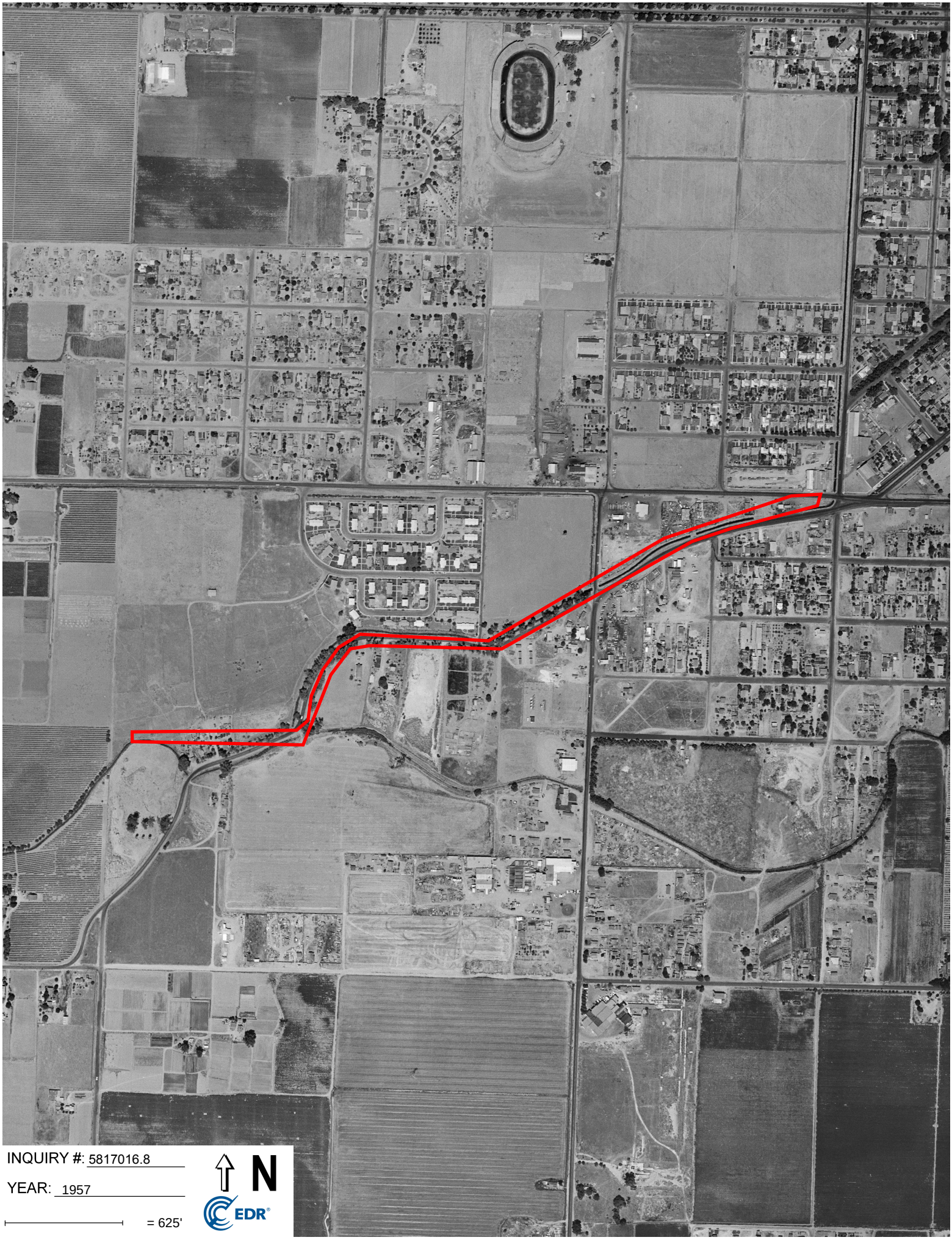
INQUIRY #: 5817016.8

YEAR: 1962

= 625'

N

EDR



INQUIRY #: 5817016.8

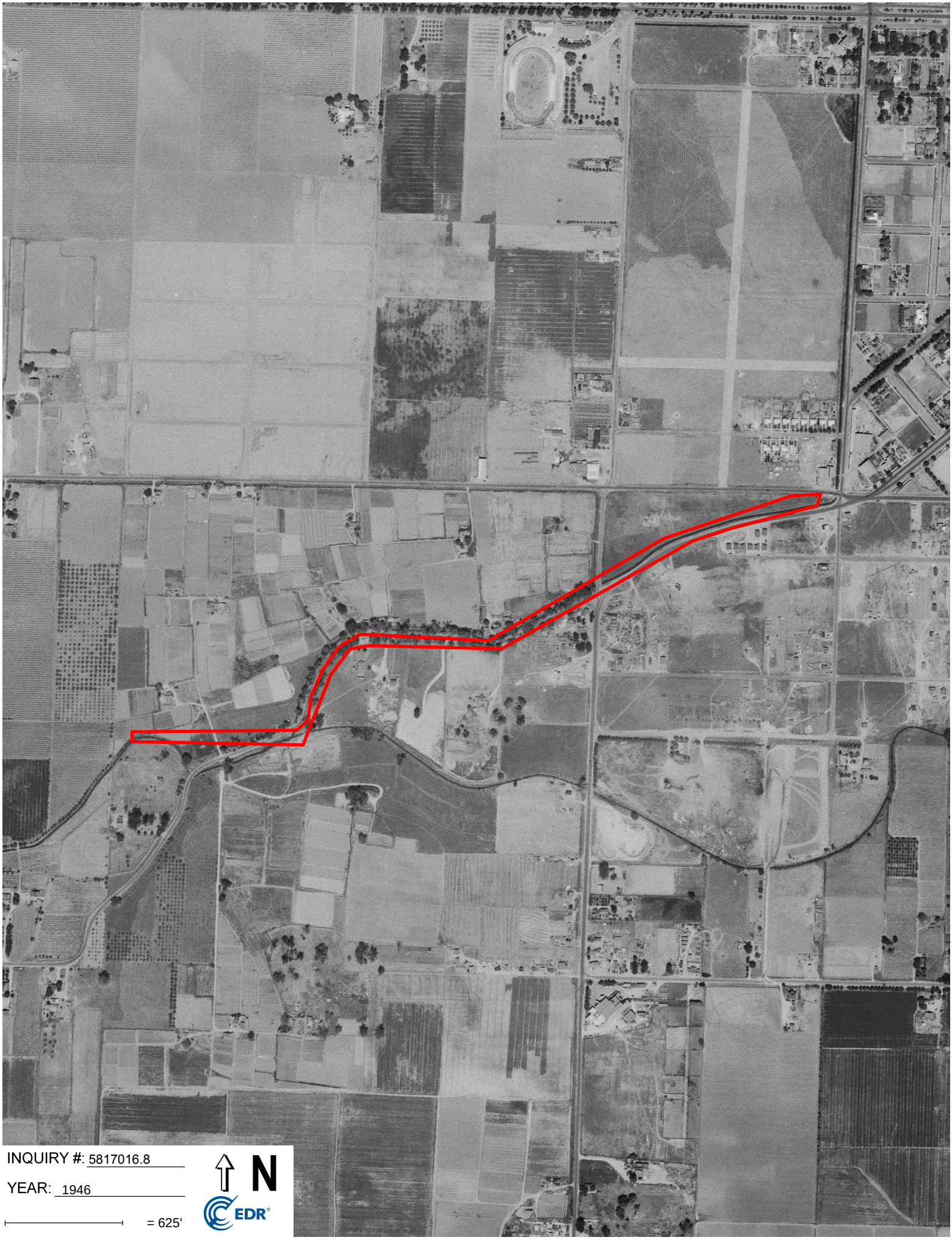
YEAR: 1957

= 625'

N

EDR


INQUIRY #: 5817016.8
YEAR: 1950
= 625'
N
EDR



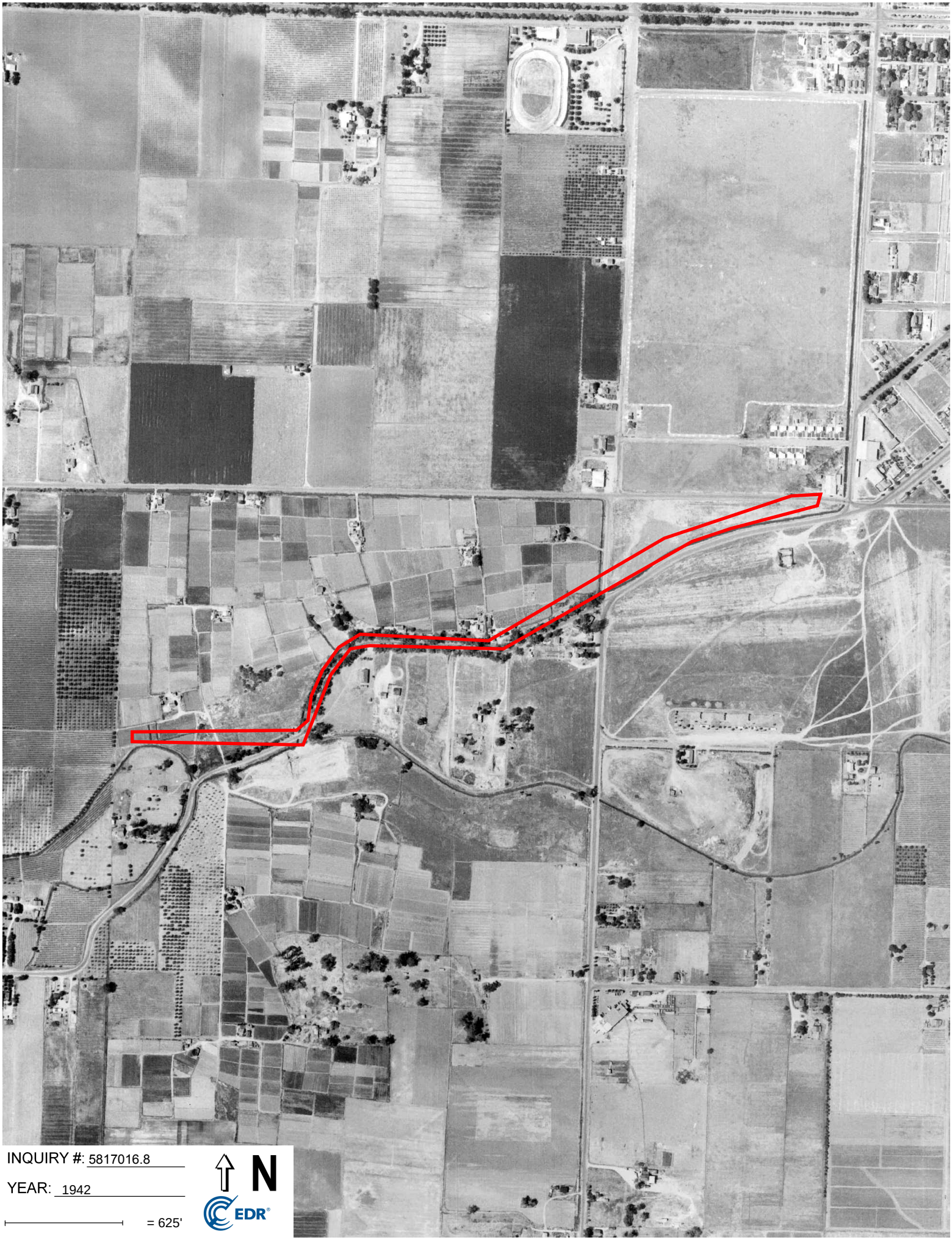
INQUIRY #: 5817016.8

YEAR: 1946

= 625'

N

EDR



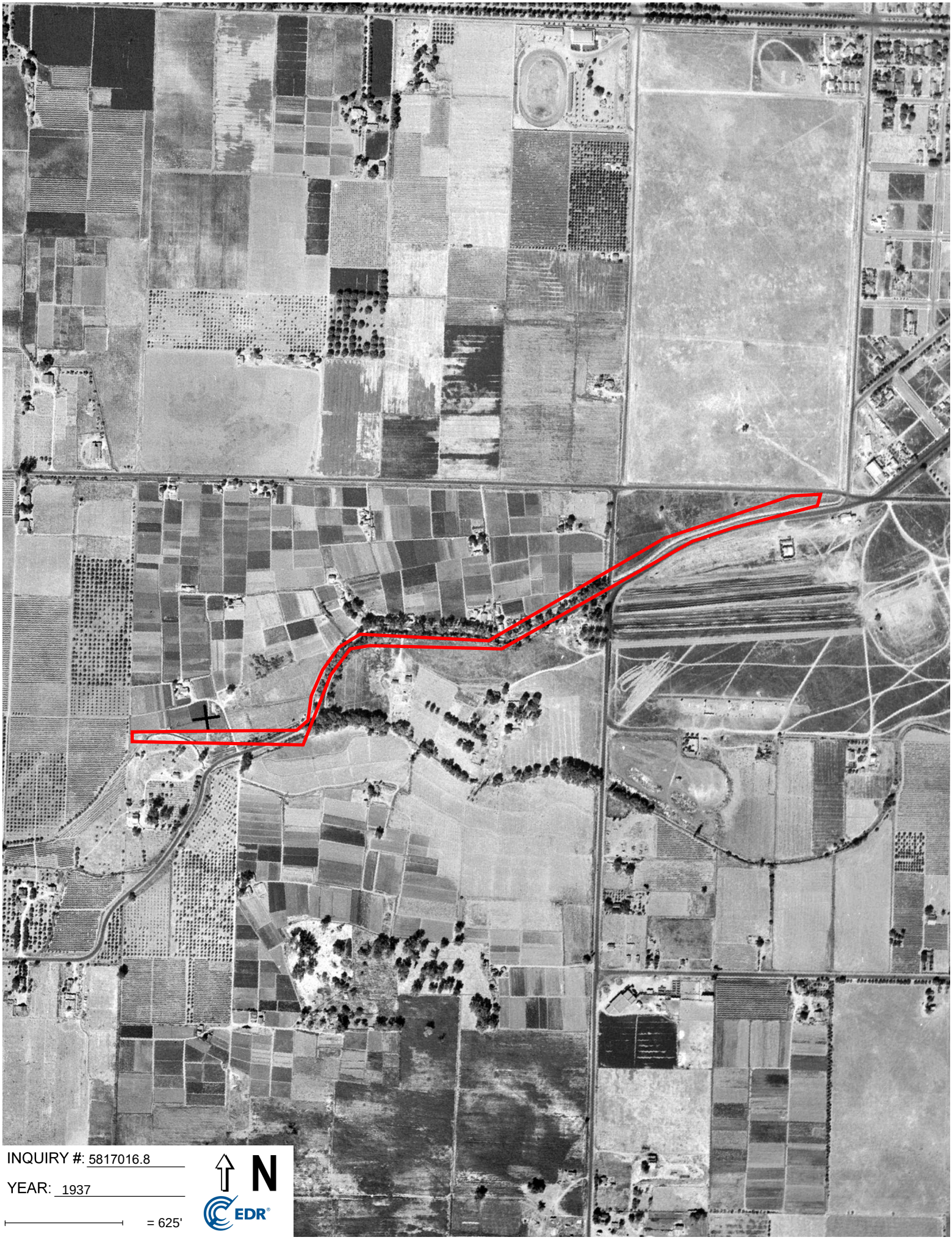
INQUIRY #: 5817016.8

YEAR: 1942

= 625'

N

EDR


INQUIRY #: 5817016.8
YEAR: 1937
= 625'
N
EDR

SW Green Trail Alignment
SW Green Trail Alignment
Fresno, CA 93706

Inquiry Number: 5817016.5
October 07, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

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

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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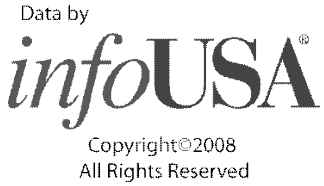

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2005	EDR Digital Archive	-	X	X	-
2002	R.L. Polk & Co Publishers	-	X	X	-
1996	R.L. Polk & Co Publishers	-	X	X	-
1990	R.L. Polk & Co Publishers	-	X	X	-
1986	R.L. Polk & Co Publishers	-	X	X	-
1980	R.L. Polk & Co Publishers	-	X	X	-
1975	R.L. Polk & Co Publishers	-	X	X	-
1970	R.L. Polk & Co Publisher	-	X	X	-
1965	R.L. Polk & Co Publisher	-	X	X	-
1962	Pacific Telephone	-	X	X	-
1958	R.L. Polk & Co Publishers	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1952	R.L. Polk & Co Publishers	-	X	X	-
1947	R.L. Polk & Co Publishers	-	-	X	-
	R.L. Polk & Co Publishers	-	X	X	-
1942	R.L. Polk & Co Publishers	-	-	X	-
	R.L. Polk & Co Publishers	-	X	X	-
1937	R.L. Polk & Co Publishers	-	-	X	-
	R.L. Polk & Co Publishers	-	X	X	-
1932	R.L. Polk & Co Publishers	-	X	X	-
1927	R.L. Polk & Co Publishers	-	-	-	-
1922	Polk: Husted Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
112 W California Ave	Client Entered	X
19 Fresno Street	Client Entered	
930 W Belgravia	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

SW Green Trail Alignment
Fresno, CA 93706

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

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

ATCHISON CT

802 ATCHISON CT

Year	Uses	Source
1958	Wilkinson Mitchell	R.L. Polk & Co Publishers

804 ATCHISON CT

Year	Uses	Source
1958	Holland Paul	R.L. Polk & Co Publishers

812 ATCHISON CT

Year	Uses	Source
1958	Hendrix Laurence	R.L. Polk & Co Publishers

814 ATCHISON CT

Year	Uses	Source
1958	Mc I$air Mattie L Mrs	R.L. Polk & Co Publishers

821 ATCHISON CT

Year	Uses	Source
1958	No return	R.L. Polk & Co Publishers

823 ATCHISON CT

Year	Uses	Source
1958	Hall James	R.L. Polk & Co Publishers

825 ATCHISON CT

Year	Uses	Source
1958	Villegas Leonard	R.L. Polk & Co Publishers

827 ATCHISON CT

Year	Uses	Source
1958	Ivey Fred	R.L. Polk & Co Publishers

831 ATCHISON CT

Year	Uses	Source
1958	Prosser Rwyne	R.L. Polk & Co Publishers

FINDINGS

833 ATCHISON CT

Year	Uses	Source
1958	Duty Jimmie Mae Mrs	R.L. Polk & Co Publishers

835 ATCHISON CT

Year	Uses	Source
1958	Hilliard Cordie B Mrs	R.L. Polk & Co Publishers

837 ATCHISON CT

Year	Uses	Source
1958	Jenes Elroy	R.L. Polk & Co Publishers

842 ATCHISON CT

Year	Uses	Source
1958	Norton Wilburn E	R.L. Polk & Co Publishers

844 ATCHISON CT

Year	Uses	Source
1958	Robinson Marie	R.L. Polk & Co Publishers

846 ATCHISON CT

Year	Uses	Source
1958	Spraggins Robt L	R.L. Polk & Co Publishers

848 ATCHISON CT

Year	Uses	Source
1958	Vacant	R.L. Polk & Co Publishers

851 ATCHISON CT

Year	Uses	Source
1958	Smith Leroy	R.L. Polk & Co Publishers

853 ATCHISON CT

Year	Uses	Source
1958	Dansby Jos	R.L. Polk & Co Publishers

855 ATCHISON CT

Year	Uses	Source
1958	Lacy Frank D	R.L. Polk & Co Publishers

862 ATCHISON CT

Year	Uses	Source
1958	No return	R.L. Polk & Co Publishers

FINDINGS

863 ATCHISON CT

Year	Uses	Source
1958	Mosley Ward D	R.L. Polk & Co Publishers

864 ATCHISON CT

Year	Uses	Source
1958	Roberts Lucis E	R.L. Polk & Co Publishers

865 ATCHISON CT

Year	Uses	Source
1958	Neal Lillie M Mrs	R.L. Polk & Co Publishers

ATCHISON CT W

702 ATCHISON CT W

Year	Uses	Source
1962	Harriston J C	Pacific Telephone

704 ATCHISON CT W

Year	Uses	Source
1962	Levingston Alf	Pacific Telephone

744 ATCHISON CT W

Year	Uses	Source
1962	W Atchison av south and west in a semi circle	Pacific Telephone Pacific Telephone

802 ATCHISON CT W

Year	Uses	Source
1962	Jackson James R	Pacific Telephone

804 ATCHISON CT W

Year	Uses	Source
1962	Sherman James	Pacific Telephone

812 ATCHISON CT W

Year	Uses	Source
1962	Hendrix Eiko Mrs	Pacific Telephone

814 ATCHISON CT W

Year	Uses	Source
1962	Mc Nair Mattie L Mrs	Pacific Telephone

FINDINGS

821 ATCHISON CT W

Year	Uses	Source
1962	Prosser Rwyne B	Pacific Telephone

823 ATCHISON CT W

Year	Uses	Source
1962	Clay Treva M Mrs	Pacific Telephone

825 ATCHISON CT W

Year	Uses	Source
1962	Moore Calvin	Pacific Telephone

827 ATCHISON CT W

Year	Uses	Source
1962	Eddings Johnie	Pacific Telephone

831 ATCHISON CT W

Year	Uses	Source
1962	Thompson Rose M Mrs	Pacific Telephone

833 ATCHISON CT W

Year	Uses	Source
1962	Duty Jimmie M Mrs	Pacific Telephone

835 ATCHISON CT W

Year	Uses	Source
1962	Barry Rpbt	Pacific Telephone

837 ATCHISON CT W

Year	Uses	Source
1962	Eddings Johnny	Pacific Telephone

842 ATCHISON CT W

Year	Uses	Source
1962	Norton Ethel Mrs	Pacific Telephone

844 ATCHISON CT W

Year	Uses	Source
1962	Alfred Lee H	Pacific Telephone

846 ATCHISON CT W

Year	Uses	Source
1962	Ward Lois M Mrs	Pacific Telephone

FINDINGS

848 ATCHISON CT W

Year	Uses	Source
1962	Ricks Mack	Pacific Telephone

851 ATCHISON CT W

Year	Uses	Source
1962	Smith Leroy	Pacific Telephone

853 ATCHISON CT W

Year	Uses	Source
1962	Alexander Homer F Rev	Pacific Telephone

855 ATCHISON CT W

Year	Uses	Source
1962	Getro Wm	Pacific Telephone

862 ATCHISON CT W

Year	Uses	Source
1962	Moore Mary S Mrs	Pacific Telephone

863 ATCHISON CT W

Year	Uses	Source
1962	No Return	Pacific Telephone

864 ATCHISON CT W

Year	Uses	Source
1962	Davis Robt L	Pacific Telephone

865 ATCHISON CT W

Year	Uses	Source
1962	Robertson Gussie M Mrs	Pacific Telephone

CALIFORNIA CT

802 CALIFORNIA CT

Year	Uses	Source
1958	Moore Jessie	R.L. Polk & Co Publishers

804 CALIFORNIA CT

Year	Uses	Source
1958	Holloway Percy	R.L. Polk & Co Publishers

FINDINGS

806 CALIFORNIA CT

Year	*Uses*	*Source*
1958	Garcia Joquin J	R.L. Polk & Co Publishers

808 CALIFORNIA CT

Year	*Uses*	*Source*
1958	Sampson Archie D	R.L. Polk & Co Publishers

CALIFORNIA CT W

802 CALIFORNIA CT W

Year	*Uses*	*Source*
1965	TATE VERLENE MRS	R.L. Polk & Co Publisher

804 CALIFORNIA CT W

Year	*Uses*	*Source*
1965	LINZIE L DANL	R.L. Polk & Co Publisher

806 CALIFORNIA CT W

Year	*Uses*	*Source*
1965	DEAN MARIAN B MRS	R.L. Polk & Co Publisher

808 CALIFORNIA CT W

Year	*Uses*	*Source*
1965	FREEMAN JAMES	R.L. Polk & Co Publisher

DELNO AVE S

2132 DELNO AVE S

Year	*Uses*	*Source*
1975	Vacant	R.L. Polk & Co Publishers

2134 DELNO AVE S

Year	*Uses*	*Source*
1975	Lee Marguerite Mrs	R.L. Polk & Co Publishers

2136 DELNO AVE S

Year	*Uses*	*Source*
1975	Gil Donate	R.L. Polk & Co Publishers

FINDINGS

2138 DELNO AVE S

Year	*Uses*	*Source*
1975	Wilson Stella Mrs	R.L. Polk & Co Publishers

2192 DELNO AVE S

Year	*Uses*	*Source*
1975	Patterson Frank	R.L. Polk & Co Publishers

2194 DELNO AVE S

Year	*Uses*	*Source*
1975	Kelley Roberta Mrs	R.L. Polk & Co Publishers

2196 DELNO AVE S

Year	*Uses*	*Source*
1975	Chavez Fidencia Mrs	R.L. Polk & Co Publishers

2198 DELNO AVE S

Year	*Uses*	*Source*
1975	Eason Rosie	R.L. Polk & Co Publishers

2222 DELNO AVE S

Year	*Uses*	*Source*
1975	Hawkins Domingo	R.L. Polk & Co Publishers

2224 DELNO AVE S

Year	*Uses*	*Source*
1975	Lowe Valeria Mrs	R.L. Polk & Co Publishers

E ATCHISON AVE

702 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Vidrio Alejandro	R.L. Polk & Co Publishers

704 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Ryan Mattie M Mrs	R.L. Polk & Co Publishers

711 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Moore Doris Mrs	R.L. Polk & Co Publishers

FINDINGS

713 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Sanchez John	R.L. Polk & Co Publishers

722 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Stanton Lillie	R.L. Polk & Co Publishers

724 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Penny Mary A Mrs	R.L. Polk & Co Publishers

726 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Williams Shirley A	R.L. Polk & Co Publishers

728 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Singruefield Inez Mrs	R.L. Polk & Co Publishers

731 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Barnes Annie	R.L. Polk & Co Publishers

733 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Sanders Mary L	R.L. Polk & Co Publishers

742 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Murio Raymond	R.L. Polk & Co Publishers

744 E ATCHISON AVE

Year	*Uses*	*Source*
1975	Roberson Hudson H	R.L. Polk & Co Publishers

Fresno St

19 Fresno St

Year	*Uses*	*Source*
2002	COUNTRY WIDE BUILDING MATERIAL cooler pads	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
2002	COUNTRY WIDE BUILDING MATERIAL cooler pads	R.L. Polk & Co Publishers
1996	COUNTRY WIDE	R.L. Polk & Co Publishers
	BUILDING MATERIAL	R.L. Polk & Co Publishers
	COUNTRY WIDE	R.L. Polk & Co Publishers
	BUILDING MATERIAL	R.L. Polk & Co Publishers
1990	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
1986	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
1980	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
1975	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
	Country Wide Building Materials ret hdw	R.L. Polk & Co Publishers
1970	Country Side Build Materials	R.L. Polk & Co Publisher
	Country Side Build Materials	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
	VACANT	R.L. Polk & Co Publisher
1958	West Fresno Lbr Co	R.L. Polk & Co Publishers
	West Fresno Lbr Co	R.L. Polk & Co Publishers
1952	West Fresno Lbr & Appliance Co	R.L. Polk & Co Publishers
	West Fresno Lbr & Appliance Co	R.L. Polk & Co Publishers
1947	West Fresno Lbr Co	R.L. Polk & Co Publishers
	West Fresno Lbr Co	R.L. Polk & Co Publishers
1942	West Fresno Lumber Co	R.L. Polk & Co Publishers
	West Fresno Lumber Co	R.L. Polk & Co Publishers
1937	West Fresno Lumber Co	R.L. Polk & Co Publishers
	West Fresno Lumber Co	R.L. Polk & Co Publishers

FRUIT AVE S

2224 FRUIT AVE S

Year	Uses	Source
1952	Gies Henry	R.L. Polk & Co Publishers
	Quick Serv gro	R.L. Polk & Co Publishers
	Quick I M Mrs	R.L. Polk & Co Publishers

2234 FRUIT AVE S

Year	Uses	Source
1952	Peterson M L	R.L. Polk & Co Publishers

FINDINGS

2236 FRUIT AVE S

Year	Uses	Source
1952	Vacant	R.L. Polk & Co Publishers

2276 FRUIT AVE S

Year	Uses	Source
1932	Pasco T N	R.L. Polk & Co Publishers

S DELNO AVE

2132 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Vacant	R.L. Polk & Co Publishers
1980	Vendiola Emily	R.L. Polk & Co Publishers
1970	Evans Hattie M Mrs	R.L. Polk & Co Publisher
1965	EVANS HATTIE MRS	R.L. Polk & Co Publisher
1962	Evans Hattie Mrs	Pacific Telephone
1958	Evans Otis	R.L. Polk & Co Publishers

2134 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Eastman Regina	R.L. Polk & Co Publishers
1980	Rameriz Juan	R.L. Polk & Co Publishers
1970	Lee Marguerite Mrs	R.L. Polk & Co Publisher
1965	LEE MARGUERITE MRS	R.L. Polk & Co Publisher
1962	Harriel Homer L	Pacific Telephone
1958	Lee Philip	R.L. Polk & Co Publishers

2136 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Gunther Doris	R.L. Polk & Co Publishers
1980	Gill Irm	R.L. Polk & Co Publishers
1970	Vacant	R.L. Polk & Co Publisher
1965	ALEXANDER ROSCOE	R.L. Polk & Co Publisher
1962	Jones Royce	Pacific Telephone
1958	Cooper Melvin	R.L. Polk & Co Publishers

FINDINGS

2138 S DELNO AVE

Year	Uses	Source
2002	Martin Teresa ED	R.L. Polk & Co Publishers
1996	Souvannasanh Tina	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Vidrio Isidoro R	R.L. Polk & Co Publishers
1980	Wilson Estel	R.L. Polk & Co Publishers
1970	Wilson Stella Mrs	R.L. Polk & Co Publisher
1965	BUTLER SHIRLEY MRS	R.L. Polk & Co Publisher
1962	Kendricks Sam	Pacific Telephone
1958	Walker Will	R.L. Polk & Co Publishers

2192 S DELNO AVE

Year	Uses	Source
2002	BUSINESSES 2 HOUSEHOLDS	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Ponce Eliseo	R.L. Polk & Co Publishers
1980	Harris Louise Mrs	R.L. Polk & Co Publishers
1970	Chatman Estel Mrs	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1962	Clgesby Allen	Pacific Telephone
1958	Valenzuela Fiorencio C	R.L. Polk & Co Publishers

2194 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Gary Ardell	R.L. Polk & Co Publishers
1980	Kelley Rita K	R.L. Polk & Co Publishers
1970	Kelley Robert	R.L. Polk & Co Publisher
1965	KEKDRICK LEO	R.L. Polk & Co Publisher
1962	Kendrick Leo	Pacific Telephone
1958	Kendrick Leo	R.L. Polk & Co Publishers

2196 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Ward Edna M	R.L. Polk & Co Publishers
1980	Blalock Peggy	R.L. Polk & Co Publishers
1965	ELLIS GRAFTON	R.L. Polk & Co Publisher
1962	Benefield Paul	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	Benefield Paul	R.L. Polk & Co Publishers

2198 S DELNO AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Drume Dorie	R.L. Polk & Co Publishers
1980	Eason Rosie Mrs	R.L. Polk & Co Publishers
1970	Johnson Cath	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1962	Morris Jas	Pacific Telephone
1958	Hall Bessie L Mrs	R.L. Polk & Co Publishers

2222 S DELNO AVE

Year	Uses	Source
1996	Acosta Ruben	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Estrada Ruben	R.L. Polk & Co Publishers
1980	Smith Ledon	R.L. Polk & Co Publishers
1970	Alvarez Luis	R.L. Polk & Co Publisher
1965	ALVAREZ LUIS	R.L. Polk & Co Publisher
1962	Howell Cosette J Mrs	Pacific Telephone
1958	Howell Cosette J Mrs	R.L. Polk & Co Publishers

2224 S DELNO AVE

Year	Uses	Source
1996	Nammavongsa Bouakeo	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Vacant	R.L. Polk & Co Publishers
1980	Lowe Valeria Mrs	R.L. Polk & Co Publishers
1970	Wood Wm B	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1962	Henderson Willie	Pacific Telephone
1958	Dodson Jas T	R.L. Polk & Co Publishers

2257 S DELNO AVE

Year	Uses	Source
1958	No return	R.L. Polk & Co Publishers

FINDINGS

S FRUIT AVE

2173 S FRUIT AVE

Year	Uses	Source
1958	Shams Escavation Co	R.L. Polk & Co Publishers

2194 S FRUIT AVE

Year	Uses	Source
1958	Vacant	R.L. Polk & Co Publishers

2224 S FRUIT AVE

Year	Uses	Source
1970	Holland Sugar Hill Club restr & tavern	R.L. Polk & Co Publisher
1965	HOLLANDS COUNTRY CLUB RESTR	R.L. Polk & Co Publisher
1958	Quick Serv gro	R.L. Polk & Co Publishers
	Quick Ina M Mrs ad	R.L. Polk & Co Publishers

2233 S FRUIT AVE

Year	Uses	Source
1970	Vacant	R.L. Polk & Co Publisher
1965	GERALDS USED CARS & AUTO WRECKING	R.L. Polk & Co Publisher
1958	Bauers Johnny Mtr Sis & Auto Wrecking	R.L. Polk & Co Publishers

2234 S FRUIT AVE

Year	Uses	Source
1970	Vacant	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1958	No return	R.L. Polk & Co Publishers

2236 S FRUIT AVE

Year	Uses	Source
1970	Vacant	R.L. Polk & Co Publisher
1965	REYMONDO PAUL G	R.L. Polk & Co Publisher
1958	Martinez Mary M Mrs	R.L. Polk & Co Publishers

2238 S FRUIT AVE

Year	Uses	Source
1970	Vacant	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1958	Garcia Mkke M	R.L. Polk & Co Publishers

FINDINGS

2245 S FRUIT AVE

Year	Uses	Source
1970	Ellis Garage auto reprs	R.L. Polk & Co Publisher
	Grafton Ellis	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1958	Kludjian Bros gas sta	R.L. Polk & Co Publishers

2254 S FRUIT AVE

Year	Uses	Source
1970	Vacant	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1958	bldg matls am	R.L. Polk & Co Publishers
	Greystone Pumice Tile Co	R.L. Polk & Co Publishers

2260 S FRUIT AVE

Year	Uses	Source
1990	Sub Sta	R.L. Polk & Co Publishers
	Pacific Gas & Electric West Fresno	R.L. Polk & Co Publishers
1986	Sub Sta	R.L. Polk & Co Publishers
	Pacific Gas & Electric West Fresno	R.L. Polk & Co Publishers
1980	Pacific Gas & Electric West Fresno Sub	R.L. Polk & Co Publishers
1975	Sub Sta	R.L. Polk & Co Publishers
	Pacific Gas & Electric West Fresno	R.L. Polk & Co Publishers
1970	Pacific Gas & Electric West Fresno	R.L. Polk & Co Publisher
	Sub Sta	R.L. Polk & Co Publisher
1965	PACIFIC GAS F ELECTRIC WEST	R.L. Polk & Co Publisher
	FRESNO SUB STA	R.L. Polk & Co Publisher

2304 S FRUIT AVE

Year	Uses	Source
1965	HENDERSON LUEMELLA MRS	R.L. Polk & Co Publisher
1958	Garfield Morgan	R.L. Polk & Co Publishers

W ATCHISON AVE

702 W ATCHISON AVE

Year	Uses	Source
2002	Not Verified 28 Hses	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Harrison Faye	R.L. Polk & Co Publishers
1980	No Return	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1970	Canty Ledora Mrs	R.L. Polk & Co Publisher
1965	JONES MARIE MRS	R.L. Polk & Co Publisher
1962	Jones Marie Mrs	Pacific Telephone
1958	Maxey Viola M Mrs	R.L. Polk & Co Publishers

704 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Ryan Mattie M Mrs	R.L. Polk & Co Publishers
1980	Ryan Mattie M Mrs	R.L. Polk & Co Publishers
1970	Ryan Mattie M Mrs	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1962	Levingston Albert	Pacific Telephone
1958	Livingston Albert	R.L. Polk & Co Publishers

711 W ATCHISON AVE

Year	Uses	Source
1996	Many Victor	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Ramirez Santiago	R.L. Polk & Co Publishers
1980	Moore Doris Mrs	R.L. Polk & Co Publishers
1970	Moore Doris Mrs	R.L. Polk & Co Publisher
1965	NO RETURN	R.L. Polk & Co Publisher
1962	Hill Sylvester	Pacific Telephone
1958	Daniels Alfredo P	R.L. Polk & Co Publishers

713 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Villejas Furmin	R.L. Polk & Co Publishers
1980	Silva Jacobo	R.L. Polk & Co Publishers
1970	Stanton Lillie Mrs	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher
1962	Lowe Tommy	Pacific Telephone
1958	Moss Eulis W	R.L. Polk & Co Publishers

722 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Henry Hattie	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1980	Brown Frank	R.L. Polk & Co Publishers
1970	Wilson Charlotte Mrs	R.L. Polk & Co Publisher
1962	Prince Chester N	Pacific Telephone
1958	Haynes Marvin W	R.L. Polk & Co Publishers

724 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	AWilliaxns Leuvema	R.L. Polk & Co Publishers
1980	Bennett Claude Jr	R.L. Polk & Co Publishers
1970	Me Henry Jesse	R.L. Polk & Co Publisher
1965	THORNTON HENRY	R.L. Polk & Co Publisher
1962	Black Myrtle Mrs	Pacific Telephone
1958	Compton Annie M Mrs	R.L. Polk & Co Publishers

726 W ATCHISON AVE

Year	Uses	Source
1996	Templeton Richard S	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Bass Eralene	R.L. Polk & Co Publishers
1980	Nelson Earlene	R.L. Polk & Co Publishers
1970	Coleman Ruth Mrs	R.L. Polk & Co Publisher
1965	COLEMAN RUTH MRS	R.L. Polk & Co Publisher
1962	Davis James A	Pacific Telephone
1958	Mayo Van	R.L. Polk & Co Publishers

728 W ATCHISON AVE

Year	Uses	Source
1996	Noble William L	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Cox Janice	R.L. Polk & Co Publishers
1980	Amarillas Ernesto	R.L. Polk & Co Publishers
1970	Franklin Percy P	R.L. Polk & Co Publisher
1965	FRANKLIN PERCY P	R.L. Polk & Co Publisher
1962	Franklin Percy P	Pacific Telephone
1958	Williams David	R.L. Polk & Co Publishers

731 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1986	Anabrosio Lucills	R.L. Polk & Co Publishers
1980	Me Bride Judy	R.L. Polk & Co Publishers
1970	House Joe D	R.L. Polk & Co Publisher
1965	PARKS OTIS	R.L. Polk & Co Publisher
1962	Minnieweather Robt L	Pacific Telephone
1958	Minnieweather Robt L	R.L. Polk & Co Publishers

733 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Burton Kathy	R.L. Polk & Co Publishers
1980	Cantu Elis	R.L. Polk & Co Publishers
1970	Johnson Roy D	R.L. Polk & Co Publisher
1965	CUMMINGS PAUL	R.L. Polk & Co Publisher
1962	Cummings Roscoe	Pacific Telephone
1958	Blacksher Floyd	R.L. Polk & Co Publishers

737 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Rocha Juanitca	R.L. Polk & Co Publishers

742 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Rattanatay Xane	R.L. Polk & Co Publishers
1980	Alvarez Ramon	R.L. Polk & Co Publishers
1970	Kendricks Emma Mrs	R.L. Polk & Co Publisher
1965	KENDRICKS JACK	R.L. Polk & Co Publisher
	KENCRICKS EMMA MRS	R.L. Polk & Co Publisher
1962	Kendricks Emma Mrs	Pacific Telephone
1958	No return	R.L. Polk & Co Publishers

744 W ATCHISON AVE

Year	Uses	Source
1996	Martin Eugene	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Kirkley Rempre	R.L. Polk & Co Publishers
1980	Hudson Roberson H	R.L. Polk & Co Publishers
1970	Johnson Joseph	R.L. Polk & Co Publisher

FINDINGS

Year	Uses	Source
1965	JOHNSCN JOSEPH	R.L. Polk & Co Publisher
1962	No Return	Pacific Telephone
1958	iichardson Alvin	R.L. Polk & Co Publishers

801 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Wilson Stel	R.L. Polk & Co Publishers
1980	Valenzuela Maria P	R.L. Polk & Co Publishers
1970	No Return	R.L. Polk & Co Publisher
1965	ALFRED ALICE MRS	R.L. Polk & Co Publisher
1962	Kingsby Davis	Pacific Telephone
1958	Bell Elic	R.L. Polk & Co Publishers

803 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Gastanon Eda	R.L. Polk & Co Publishers
1980	Borbon Catherine	R.L. Polk & Co Publishers
1970	Bush Clyde A	R.L. Polk & Co Publisher
1965	DAVIS AUT 7 Y	R.L. Polk & Co Publisher
1962	Jones Herbert V	Pacific Telephone
1958	Jones Vernon	R.L. Polk & Co Publishers

804 W ATCHISON AVE

Year	Uses	Source
1962	Carrillo Frank R	Pacific Telephone

805 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	No Return	R.L. Polk & Co Publishers
1980	Menefee Barbara	R.L. Polk & Co Publishers
1970	Vacant	R.L. Polk & Co Publisher
1965	BROWN ZELMA MRS	R.L. Polk & Co Publisher
1962	Brown Andrew	Pacific Telephone
1958	Snow Clyde R	R.L. Polk & Co Publishers

FINDINGS

807 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Grady Rhonda	R.L. Polk & Co Publishers
1980	Portio B	R.L. Polk & Co Publishers
1970	Bell Leroy	R.L. Polk & Co Publisher
1965	DE VAUGH MARY MRS	R.L. Polk & Co Publisher
1962	Lee Chas F	Pacific Telephone
1958	Douglas Mary Mrs	R.L. Polk & Co Publishers

812 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Chom Ratsavong	R.L. Polk & Co Publishers
1970	Housing Authority Of Fresno Yosemite Village housing project	R.L. Polk & Co Publisher
1965	HOUSING AUTHORITY OF FRESNO	R.L. Polk & Co Publisher
	YOSEMITE VILLAGE HOUSING PROJECT	R.L. Polk & Co Publisher
1962	Yosemite Village Housing Project	Pacific Telephone
1958	Yosemite Village Housing	R.L. Polk & Co Publishers
	Projest ofc ad	R.L. Polk & Co Publishers

821 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers

823 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Martinez Olg	R.L. Polk & Co Publishers
1980	Bland Mildred B	R.L. Polk & Co Publishers

832 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Herrera Raymond	R.L. Polk & Co Publishers
1980	Morrow Orlean	R.L. Polk & Co Publishers
1970	Dixon Barbara L	R.L. Polk & Co Publisher
1965	LOVE VERA L MRS	R.L. Polk & Co Publisher
1962	Love Vera L Mrs	Pacific Telephone

Year	Uses	Source
1958	Woods Willie	R.L. Polk & Co Publishers

833 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Cole Bobbie R	R.L. Polk & Co Publishers

834 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Bush Clair	R.L. Polk & Co Publishers
1980	Haskins Ida M Mrs	R.L. Polk & Co Publishers
1970	Haskins Ida M Mrs	R.L. Polk & Co Publisher
1965	MC INTOSH NELLIE MRS	R.L. Polk & Co Publisher
1962	Mc Intosh Nellie	Pacific Telephone
1958	Giles H	R.L. Polk & Co Publishers

836 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Shoals Cornealious	R.L. Polk & Co Publishers
1980	Shoals John P	R.L. Polk & Co Publishers
1970	Sholls John P	R.L. Polk & Co Publisher
1965	DANIELS BLANCHE	R.L. Polk & Co Publisher
1962	Hunter Richd C	Pacific Telephone
1958	Barrett Connie Mrs	R.L. Polk & Co Publishers

838 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Marshall Robt	R.L. Polk & Co Publishers
1980	Montano Micae	R.L. Polk & Co Publishers
1970	Montano Helenoro	R.L. Polk & Co Publisher
1965	FULLER MAMIE MRS	R.L. Polk & Co Publisher
1962	Asberry Rebecca P Mrs	Pacific Telephone
1958	Asberry Rebecca P Mrs	R.L. Polk & Co Publishers

863 W ATCHISON AVE

Year	Uses	Source
1980	Zapata David	R.L. Polk & Co Publishers

FINDINGS

901 W ATCHISON AVE

Year	Uses	Source
1996	Phengkean Xiengli	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Moua Sbus	R.L. Polk & Co Publishers
1980	Williams Helen	R.L. Polk & Co Publishers
1970	Tate Winnie Mrs	R.L. Polk & Co Publisher
1965	TATE WINNIE MRS	R.L. Polk & Co Publisher
1962	Tate Winnie Mrs	Pacific Telephone
1958	Tate Wm	R.L. Polk & Co Publishers

902 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Christensen Robt	R.L. Polk & Co Publishers
1980	Carol Dorothy	R.L. Polk & Co Publishers
1970	Mareno Joe	R.L. Polk & Co Publisher
1965	MARENO JOE	R.L. Polk & Co Publisher
1962	Lee Margt Mrs	Pacific Telephone
1958	Howze Nina E Mrs	R.L. Polk & Co Publishers

904 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Vacant	R.L. Polk & Co Publishers
1980	Gary Anette	R.L. Polk & Co Publishers
1970	Montez Gilbert U	R.L. Polk & Co Publisher
1965	CARRILLO FRANK R	R.L. Polk & Co Publisher
1958	Adams Florella Mrs	R.L. Polk & Co Publishers

906 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Rangel Leticia	R.L. Polk & Co Publishers
1980	Martinez Elid	R.L. Polk & Co Publishers
1970	Carter Lettie Mrs	R.L. Polk & Co Publisher
1965	CARTER LETTIE MRS	R.L. Polk & Co Publisher
1962	Babcock Ann B Mrs	Pacific Telephone
1958	Babcock Otis J	R.L. Polk & Co Publishers

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908 W ATCHISON AVE

Year	Uses	Source
1986	Ranson Chester	R.L. Polk & Co Publishers
1980	Torres Rosemary A	R.L. Polk & Co Publishers
1970	Stowe Helen Mrs	R.L. Polk & Co Publisher
1965	BROWN WINNIE MRS	R.L. Polk & Co Publisher
1962	Williams Mary 0 Mrs	Pacific Telephone
1958	Morris Mary 0 Mrs	R.L. Polk & Co Publishers

922 W ATCHISON AVE

Year	Uses	Source
1996	Mendoza Rarnona	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	ASayachack Thanoupheth	R.L. Polk & Co Publishers
1980	Andrews Delores	R.L. Polk & Co Publishers
1970	Jefferson Hazel Mrs	R.L. Polk & Co Publisher
1965	ANDREWS DELORES MRS	R.L. Polk & Co Publisher
1962	Hill Theo AD	Pacific Telephone
1958	Graves Leroy	R.L. Polk & Co Publishers

924 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	APerez Marcus	R.L. Polk & Co Publishers
1980	Perez Marcos	R.L. Polk & Co Publishers
1970	Hutchins Mary Mrs	R.L. Polk & Co Publisher
1965	GIBBONS JOHN	R.L. Polk & Co Publisher
1962	Wynn Calvin	Pacific Telephone
1958	Kendricks Susie B Mrs	R.L. Polk & Co Publishers

926 W ATCHISON AVE

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Baosythong Thongdy	R.L. Polk & Co Publishers
1980	Simpkins Sylvia R	R.L. Polk & Co Publishers
1970	Simpson Sylvia Mrs	R.L. Polk & Co Publisher
1965	FROST NETTIE MRS	R.L. Polk & Co Publisher
1962	Washington Nettie Mrs	Pacific Telephone
1958	Mc Cullough Johnny L	R.L. Polk & Co Publishers

FINDINGS

928 W ATCHISON AVE

Year	Uses	Source
2002	Torres Maria T IB	R.L. Polk & Co Publishers
1996	Tones Maria T	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Sayasane Kheug Ken	R.L. Polk & Co Publishers
1980	Fuentes Roberto	R.L. Polk & Co Publishers
1970	Washington Helen Mrs	R.L. Polk & Co Publisher
1965	BREWER OLIVIA MRS	R.L. Polk & Co Publisher
1962	Johnson Louise Mrs	Pacific Telephone
1958	Hill Sylvester H	R.L. Polk & Co Publishers

W Atchison Ave

1011 W Atchison Ave

Year	Uses	Source
2014	MARIPOSA MEADOWS CCC	EDR Digital Archive
	MARIPOSA MEADOWS CCC	EDR Digital Archive
2005	MARIPOSA MEADOWS CCC	EDR Digital Archive
	MARIPOSA MEADOWS CCC	EDR Digital Archive

W ATCHISON AVE

1011 W ATCHISON AVE

Year	Uses	Source
2002	Rodriguez Juan R	R.L. Polk & Co Publishers
	Rodriguez Berensia	R.L. Polk & Co Publishers
1996	Maravilia Angeli 3932 C 00 S	R.L. Polk & Co Publishers
	Medina Guadal	R.L. Polk & Co Publishers
	Lomeli Graciel	R.L. Polk & Co Publishers
	Lomeli Rosa	R.L. Polk & Co Publishers

W ATCHISON CT

802 W ATCHISON CT

Year	Uses	Source
2002	Not Verified	R.L. Polk & Co Publishers
1996	Brown Ethel	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Savat Souk	R.L. Polk & Co Publishers
1980	Puentes Lupe	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1975	Jefferson Naomi Mrs	R.L. Polk & Co Publishers
1970	Jefferson Naomi Mrs	R.L. Polk & Co Publisher
1965	JACKSON NORMA MRS	R.L. Polk & Co Publisher

803 W ATCHISON CT

Year	Uses	Source
2002	Villa Alice	R.L. Polk & Co Publishers

804 W ATCHISON CT

Year	Uses	Source
2002	Not Verified	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Acosta Carmen	R.L. Polk & Co Publishers
1980	Vidreo Angelin	R.L. Polk & Co Publishers
1975	Hardy Wm T	R.L. Polk & Co Publishers
1970	Adaway Onella Mrs	R.L. Polk & Co Publisher
1965	REESE GEO JR	R.L. Polk & Co Publisher

805 W ATCHISON CT

Year	Uses	Source
2002	Garcia Robert	R.L. Polk & Co Publishers
	Garcia Cecilia A	R.L. Polk & Co Publishers

812 W ATCHISON CT

Year	Uses	Source
2002	Not Verified 7 Hses	R.L. Polk & Co Publishers
1996	Thevanh Torn	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1980	Mcgee Bill	R.L. Polk & Co Publishers
1975	Frierson Cecil	R.L. Polk & Co Publishers
1970	Paige Edna	R.L. Polk & Co Publisher
1965	SOLICE GLADYS MRS	R.L. Polk & Co Publisher

814 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Franklin Wand	R.L. Polk & Co Publishers
1980	Robinson Lula M	R.L. Polk & Co Publishers
1975	Payne Ella Mrs	R.L. Polk & Co Publishers
1970	Palms Vessie	R.L. Polk & Co Publisher

FINDINGS

Year	Uses	Source
1965	PALMS VESSIE	R.L. Polk & Co Publisher

821 W ATCHISON CT

Year	Uses	Source
1986	Lee Chong Tou	R.L. Polk & Co Publishers
1980	Ruiz Consuelo	R.L. Polk & Co Publishers
1975	Williams Helen Mrs	R.L. Polk & Co Publishers
1970	Collins Devore Mrs	R.L. Polk & Co Publisher
1965	HARRIEL HOMER	R.L. Polk & Co Publisher

823 W ATCHISON CT

Year	Uses	Source
1975	Vacant	R.L. Polk & Co Publishers
1970	Haynes Gladys Mrs	R.L. Polk & Co Publisher
1965	HAYNES GLADYS MRS	R.L. Polk & Co Publisher

825 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Ekvixaysack Phonesamay	R.L. Polk & Co Publishers
1980	James Isaac	R.L. Polk & Co Publishers
1970	Brown Lizzie E Mrs	R.L. Polk & Co Publisher
1965	FREEMAN CHARLES	R.L. Polk & Co Publisher

826 W ATCHISON CT

Year	Uses	Source
1975	Smith Bernice	R.L. Polk & Co Publishers

827 W ATCHISON CT

Year	Uses	Source
1996	Phaphilom Phomma	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Chandavong S	R.L. Polk & Co Publishers
1980	Montex Mary Mrs	R.L. Polk & Co Publishers
1975	Hopkins Fred Jr	R.L. Polk & Co Publishers
1970	Hopkins Fred Jr	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher

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831 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	AArmstrong Mary	R.L. Polk & Co Publishers
1980	Gilmore Boyd	R.L. Polk & Co Publishers
1975	Gilmore Boyd	R.L. Polk & Co Publishers
1970	Gilmore Eddie L Mrs	R.L. Polk & Co Publisher
1965	WILLIAMS MARY MRS	R.L. Polk & Co Publisher

832 W ATCHISON CT

Year	Uses	Source
2002	Morgan Wallace	R.L. Polk & Co Publishers

833 W ATCHISON CT

Year	Uses	Source
2002	Not Verified 8 Hses	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1980	Henry Hattie	R.L. Polk & Co Publishers
1975	Thomas Darrough	R.L. Polk & Co Publishers
1970	Ganda Jack	R.L. Polk & Co Publisher

835 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Sinwongsa Ked	R.L. Polk & Co Publishers
1980	Coleman Ros	R.L. Polk & Co Publishers
1975	Coleman Ros	R.L. Polk & Co Publishers
1970	Early Annette Mrs	R.L. Polk & Co Publisher
1965	PERRY HENRY	R.L. Polk & Co Publisher

836 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Schoals Corneallous Mrs	R.L. Polk & Co Publishers
1980	Schoals John	R.L. Polk & Co Publishers

837 W ATCHISON CT

Year	Uses	Source
1996	Welezgu Woldas	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Rice David W	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1980	Rice David W	R.L. Polk & Co Publishers
1975	Crawford John	R.L. Polk & Co Publishers
1970	Hilliard Cordia Mrs	R.L. Polk & Co Publisher
1965	HILLIARD CORDIA MRS	R.L. Polk & Co Publisher

842 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Chomthananh Phenog	R.L. Polk & Co Publishers
1980	Reyes Mary	R.L. Polk & Co Publishers
1975	Bermudez Rosemary M	R.L. Polk & Co Publishers
1970	Herrera Arlene B Mrs	R.L. Polk & Co Publisher
1965	TEMPLE CALVIN	R.L. Polk & Co Publisher

844 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Martinez Julian	R.L. Polk & Co Publishers
1980	Rodgers Carey Mrs	R.L. Polk & Co Publishers
1975	Rodgers Carey Mrs	R.L. Polk & Co Publishers
1970	Rogers Carey L Mrs	R.L. Polk & Co Publisher
1965	ROGERS CARRIE MRS	R.L. Polk & Co Publisher

846 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	No Return	R.L. Polk & Co Publishers
1980	Waller Darlene	R.L. Polk & Co Publishers
1975	Jones Canze Ua Mrs	R.L. Polk & Co Publishers
1970	Ford Joseph	R.L. Polk & Co Publisher
1965	FRANKLIN DORA MRS	R.L. Polk & Co Publisher

848 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Galvez Annalinda G	R.L. Polk & Co Publishers
1980	Galvez Annalinda G	R.L. Polk & Co Publishers
1975	Wilson Shirley	R.L. Polk & Co Publishers
1970	Ward Alice Z	R.L. Polk & Co Publisher
1965	VACANT	R.L. Polk & Co Publisher

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851 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Vacant	R.L. Polk & Co Publishers
1980	Thomas Melvin	R.L. Polk & Co Publishers
1975	Schmidt Louise Mrs	R.L. Polk & Co Publishers
1970	Trujillo Lora Mrs	R.L. Polk & Co Publisher
1965	STENNIS ERNEST	R.L. Polk & Co Publisher

853 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Major John	R.L. Polk & Co Publishers
1980	No Return	R.L. Polk & Co Publishers
1970	Alexander Homer F Rev	R.L. Polk & Co Publisher
1965	ALEXANDER HOMER F REV	R.L. Polk & Co Publisher

855 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Ramirez Juan	R.L. Polk & Co Publishers
1980	Porteo Edmundo	R.L. Polk & Co Publishers
1970	Martinez Victor	R.L. Polk & Co Publisher
1965	GETRO LENA MRS	R.L. Polk & Co Publisher

856 W ATCHISON CT

Year	Uses	Source
1975	Porteo Edmundo	R.L. Polk & Co Publishers

862 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Williams Lois	R.L. Polk & Co Publishers
1980	Aguilar Jesus	R.L. Polk & Co Publishers
1975	Aguilar Jesus	R.L. Polk & Co Publishers
1970	Grant Vera Mrs	R.L. Polk & Co Publisher
1965	COX RICHD JR	R.L. Polk & Co Publisher

863 W ATCHISON CT

Year	Uses	Source
2002	Vega Jose M	R.L. Polk & Co Publishers

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	AJoseph Joyce	R.L. Polk & Co Publishers
1980	Harvey Yvonne	R.L. Polk & Co Publishers
1975	Johnson Wand	R.L. Polk & Co Publishers
	Woods Chas E	R.L. Polk & Co Publishers
1970	Eperson Shirley Mrs	R.L. Polk & Co Publisher
1965	GLOVER THEO	R.L. Polk & Co Publisher

864 W ATCHISON CT

Year	Uses	Source
2002	HOUSEHOLDS	R.L. Polk & Co Publishers
	Not Verified 6 Hses	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Mc Cormick Ett	R.L. Polk & Co Publishers
1980	Camarena Joseluis	R.L. Polk & Co Publishers
1975	Beard Wm	R.L. Polk & Co Publishers
1970	Amey Janice	R.L. Polk & Co Publisher
1965	JACKSON RUBY MRS	R.L. Polk & Co Publisher

865 W ATCHISON CT

Year	Uses	Source
1990	No Return	R.L. Polk & Co Publishers
1986	Gomez Efraen	R.L. Polk & Co Publishers
1980	Nunley Ethel J	R.L. Polk & Co Publishers
1970	Flowers Evelyn L Mrs	R.L. Polk & Co Publisher
1965	COURTNEY JESSIE	R.L. Polk & Co Publisher

866 W ATCHISON CT

Year	Uses	Source
1975	Nunley Anita L	R.L. Polk & Co Publishers

W California Ave

112 W California Ave

Year	Uses	Source
2002	TWO WAY FRUIT STAND fruits & vegetables & produce	R.L. Polk & Co Publishers
1996	TWO WAY FRUIT STAND	R.L. Polk & Co Publishers
1990	Two Way Fruit Stand No	R.L. Polk & Co Publishers

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W CALIFORNIA CT

737 W CALIFORNIA CT

Year	Uses	Source
2002	Perea Susan L	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Vacant	R.L. Polk & Co Publishers
1980	Britton Shirley M	R.L. Polk & Co Publishers
1975	+Strickland Lela	R.L. Polk & Co Publishers
1970	Olois Henry	R.L. Polk & Co Publisher
1962	Beard Fannie M Mrs	Pacific Telephone

747 W CALIFORNIA CT

Year	Uses	Source
1980	Gould Steph	R.L. Polk & Co Publishers

802 W CALIFORNIA CT

Year	Uses	Source
2002	b Cristobal Epifania	R.L. Polk & Co Publishers
1986	Suphith Somsanith	R.L. Polk & Co Publishers
1980	Strong Cheryl	R.L. Polk & Co Publishers
1975	Brown Shirley A Mrs	R.L. Polk & Co Publishers
1970	Vacant	R.L. Polk & Co Publisher
1962	Moore Jesse	Pacific Telephone

804 W CALIFORNIA CT

Year	Uses	Source
2002	Not Verified 7 Hses	R.L. Polk & Co Publishers
1986	Forest Maybell	R.L. Polk & Co Publishers
1980	Woodard Edgie	R.L. Polk & Co Publishers
1975	Woodard Edgle	R.L. Polk & Co Publishers
1970	No Return	R.L. Polk & Co Publisher
1962	Mc Grew Atlas Mrs	Pacific Telephone

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ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
1011 W Atchison Ave	2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
1011 W Atchison Ave	2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
1011 W ATCHISON AVE	2014, 2005, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
112 W California Ave	2014, 2005, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
19 Fresno St	2014, 2005, 1962, 1932, 1927, 1922
19 Fresno Street	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2132 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2132 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2134 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2134 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2136 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2136 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2138 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2138 S DELNO AVE	2014, 2005, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2173 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2192 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2192 S DELNO AVE	2014, 2005, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2194 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2194 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2194 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2196 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2196 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1970, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2198 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

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Address Researched	Address Not Identified in Research Source
2198 S DELNO AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2222 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2222 S DELNO AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2224 DELNO AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2224 FRUIT AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1947, 1942, 1937, 1932, 1927, 1922
2224 S DELNO AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2224 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2233 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2234 FRUIT AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1947, 1942, 1937, 1932, 1927, 1922
2234 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2236 FRUIT AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1947, 1942, 1937, 1932, 1927, 1922
2236 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2238 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2245 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2254 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2257 S DELNO AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2260 S FRUIT AVE	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2276 FRUIT AVE S	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1927, 1922
2304 S FRUIT AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
702 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
702 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
702 W ATCHISON AVE	2014, 2005, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
704 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
704 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
704 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
711 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

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Address Researched	Address Not Identified in Research Source
711 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
713 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
713 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
722 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
722 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1965, 1952, 1947, 1942, 1937, 1932, 1927, 1922
724 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
724 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
726 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
726 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
728 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
728 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
731 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
731 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
733 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
733 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
737 W ATCHISON AVE	2014, 2005, 2002, 1996, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
737 W CALIFORNIA CT	2014, 2005, 1996, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
742 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
742 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
744 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
744 E ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
744 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
747 W CALIFORNIA CT	2014, 2005, 2002, 1996, 1990, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
801 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
802 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
802 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
802 CALIFORNIA CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
802 CALIFORNIA CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
802 W ATCHISON CT	2014, 2005, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
802 W CALIFORNIA CT	2014, 2005, 1996, 1990, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
803 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
803 W ATCHISON CT	2014, 2005, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 CALIFORNIA CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 CALIFORNIA CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 W ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 W ATCHISON CT	2014, 2005, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
804 W CALIFORNIA CT	2014, 2005, 1996, 1990, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
805 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
805 W ATCHISON CT	2014, 2005, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
806 CALIFORNIA CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
806 CALIFORNIA CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
807 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
808 CALIFORNIA CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
808 CALIFORNIA CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
812 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
812 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
812 W ATCHISON AVE	2014, 2005, 2002, 1996, 1980, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
812 W ATCHISON CT	2014, 2005, 1986, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
814 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
814 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
814 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
821 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
821 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
821 W ATCHISON AVE	2014, 2005, 2002, 1996, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
821 W ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
823 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
823 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
823 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
823 W ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
825 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
825 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
825 W ATCHISON CT	2014, 2005, 2002, 1996, 1975, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
826 W ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
827 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
827 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
827 W ATCHISON CT	2014, 2005, 2002, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
831 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
831 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
831 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
832 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
832 W ATCHISON CT	2014, 2005, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
833 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
833 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
833 W ATCHISON AVE	2014, 2005, 2002, 1996, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
833 W ATCHISON CT	2014, 2005, 1996, 1986, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
834 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
835 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
835 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
835 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
836 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
836 W ATCHISON CT	2014, 2005, 2002, 1996, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
837 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
837 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
837 W ATCHISON CT	2014, 2005, 2002, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
838 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
842 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
842 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
842 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
844 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
844 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
844 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
846 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
846 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
846 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
848 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
848 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
848 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
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851 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
851 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
853 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
853 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
853 W ATCHISON CT	2014, 2005, 2002, 1996, 1975, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
855 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
855 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
855 W ATCHISON CT	2014, 2005, 2002, 1996, 1975, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
856 W ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
862 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
862 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
862 W ATCHISON CT	2014, 2005, 2002, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
863 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
863 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
863 W ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1986, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
863 W ATCHISON CT	2014, 2005, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
864 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
864 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
864 W ATCHISON CT	2014, 2005, 1996, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
865 ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
865 ATCHISON CT W	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
865 W ATCHISON CT	2014, 2005, 2002, 1996, 1975, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
866 W ATCHISON CT	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
901 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
902 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
904 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1962, 1952, 1947, 1942, 1937, 1932, 1927, 1922
906 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
908 W ATCHISON AVE	2014, 2005, 2002, 1996, 1990, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
922 W ATCHISON AVE	2014, 2005, 2002, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
924 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
926 W ATCHISON AVE	2014, 2005, 2002, 1996, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922
928 W ATCHISON AVE	2014, 2005, 1975, 1952, 1947, 1942, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
930 W Belgravia	2014, 2005, 2002, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
SW Green Trail Alignment	2014, 2005, 1962, 1932, 1927, 1922

SW Green Trail Alignment

SW Green Trail Alignment

Fresno, CA 93706

Inquiry Number: 5817016.4

October 04, 2019

EDR Historical Topo Map Report

with QuadMatch™

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

10/04/19

Site Name:	Client Name:
SW Green Trail Alignment	Rincon
SW Green Trail Alignment	180 North Ashwood Avenue
Fresno, CA 93706	Ventura, CA 93003-0000
EDR Inquiry # 5817016.4	Contact: Lauren Kodama Roenicke

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

Search Results:		*Coordinates:*	
P.O.#	19-08117	**Latitude:**	36.719008 36° 43' 8" North
Project:	SW Green Trail Alignment	**Longitude:**	-119.819698 -119° 49' 11" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	248164.95
		UTM Y Meters:	4067408.48
		Elevation:	282.19' above sea level

Maps Provided:

2012
1981
1972
1963
1947
1946
1942
1923

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Topo Sheet Key

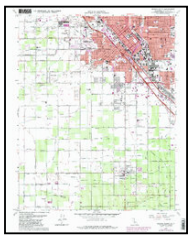
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Fresno South
2012
7.5-minute, 24000

1981 Source Sheets



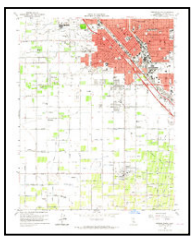
Fresno South
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Fresno South
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1963 Source Sheets



Fresno South
1963
7.5-minute, 24000
Aerial Photo Revised 1962

Topo Sheet Key

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

1947 Source Sheets



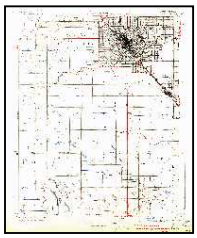
Fresno South
1947
7.5-minute, 24000

1946 Source Sheets



Fresno South
1946
7.5-minute, 24000

1942 Source Sheets



FRESNO
1942
7.5-minute, 31680

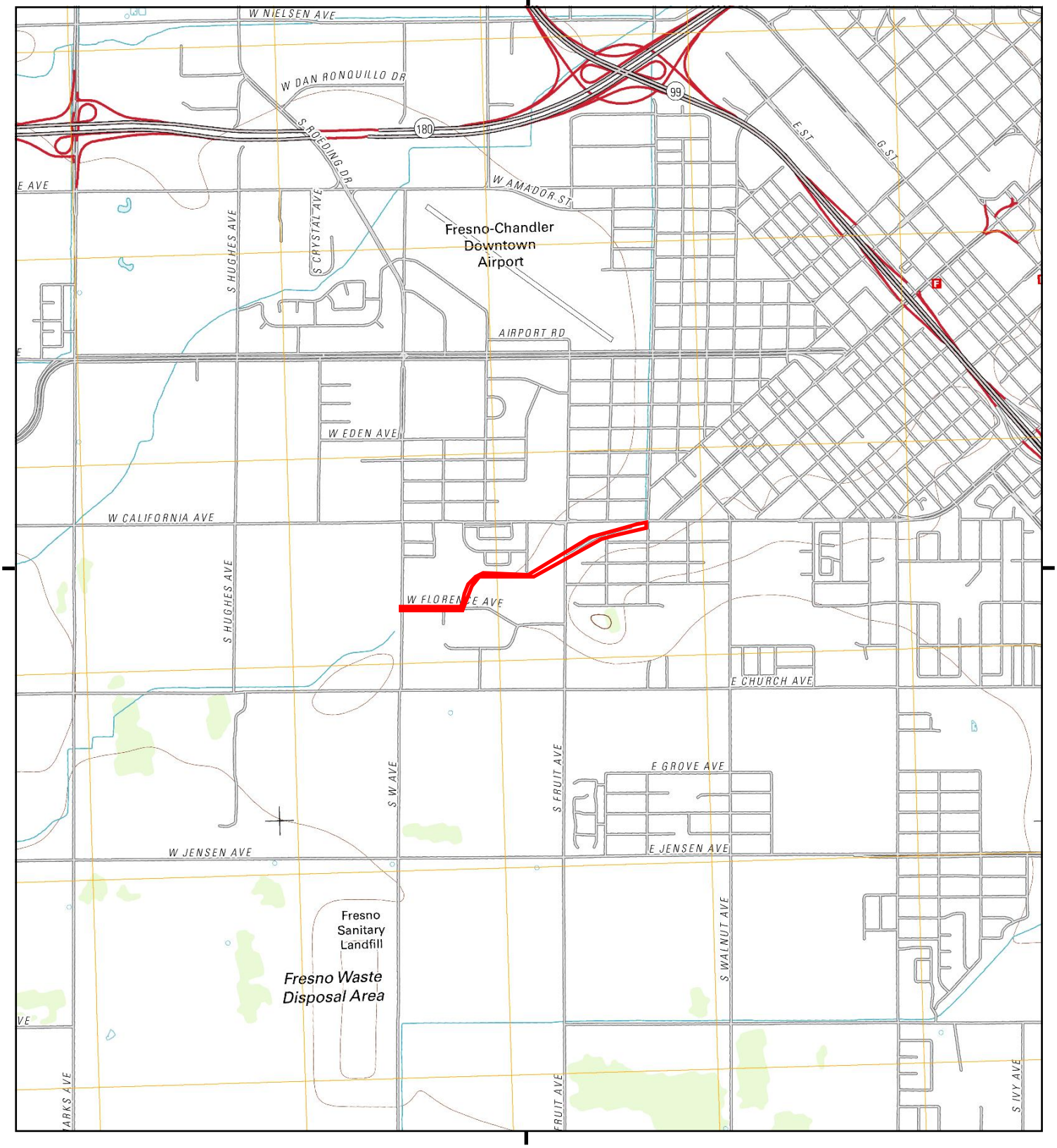
1923 Source Sheets



Fresno
1923
7.5-minute, 31680

Historical Topo Map

2012



This report includes information from the following map sheet(s).

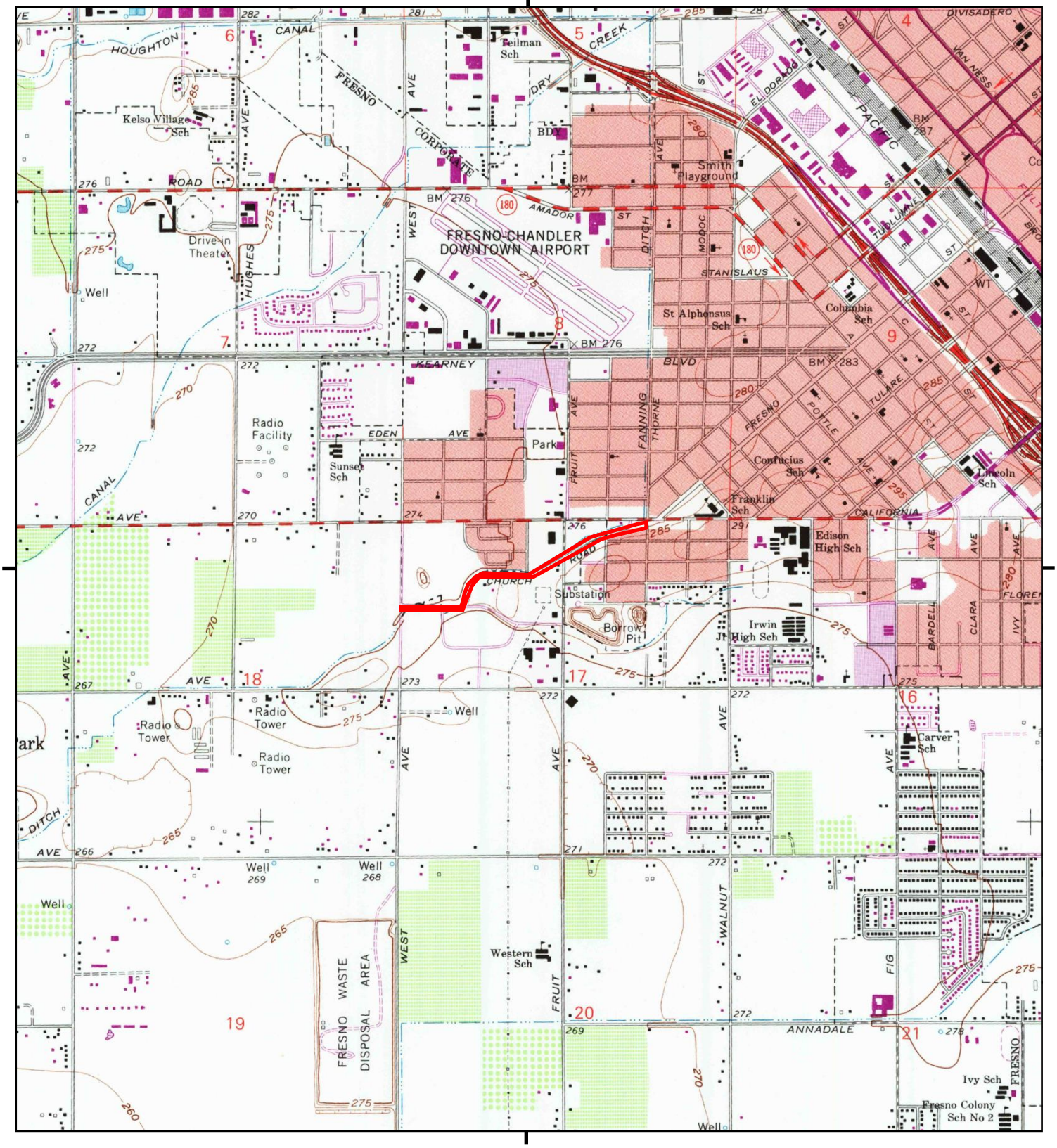
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Fresno South, 2012, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

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

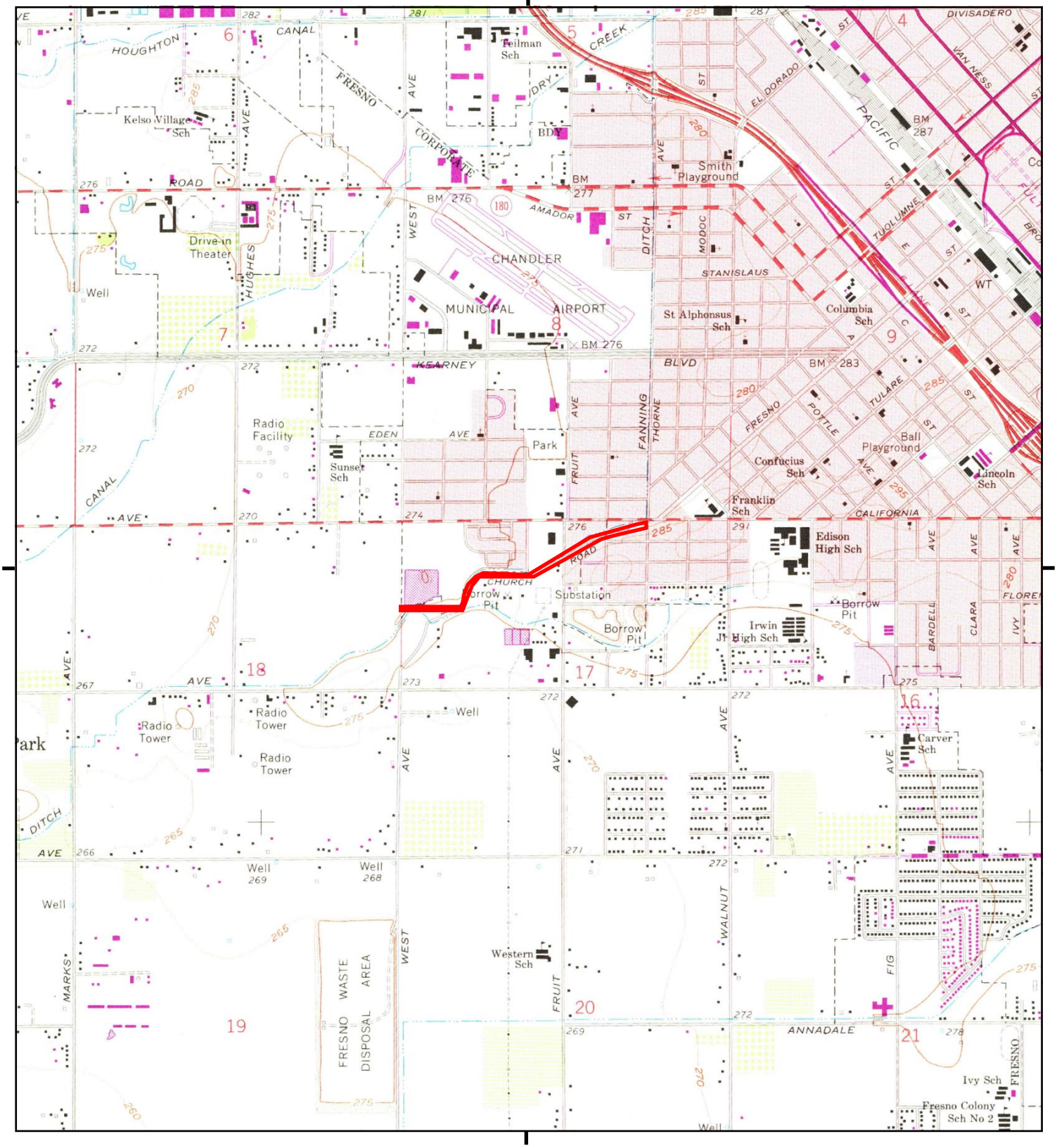
TP, Fresno South, 1981, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

N

Historical Topo Map

1972



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

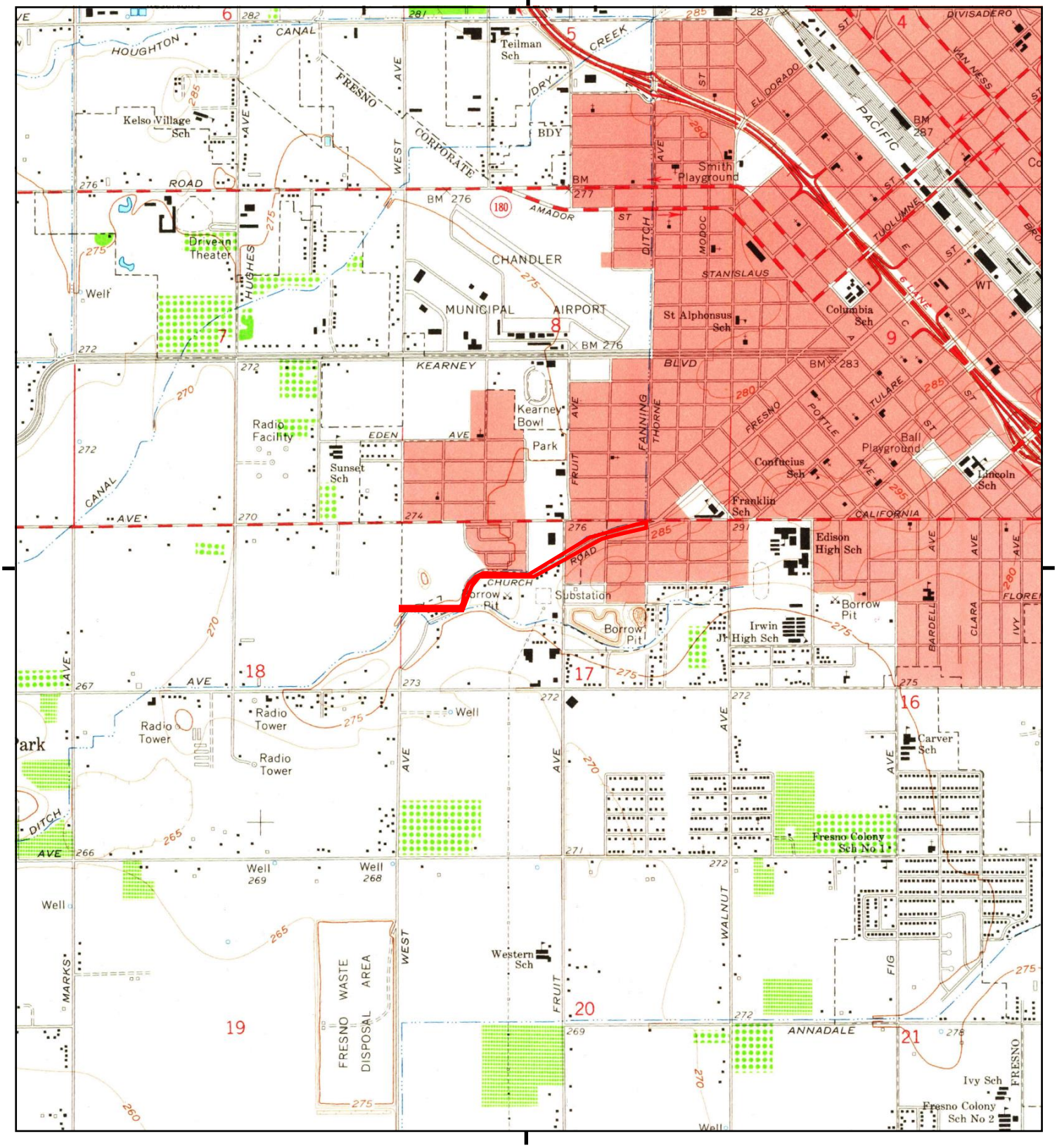
TP, Fresno South, 1972, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

N

Historical Topo Map

1963



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

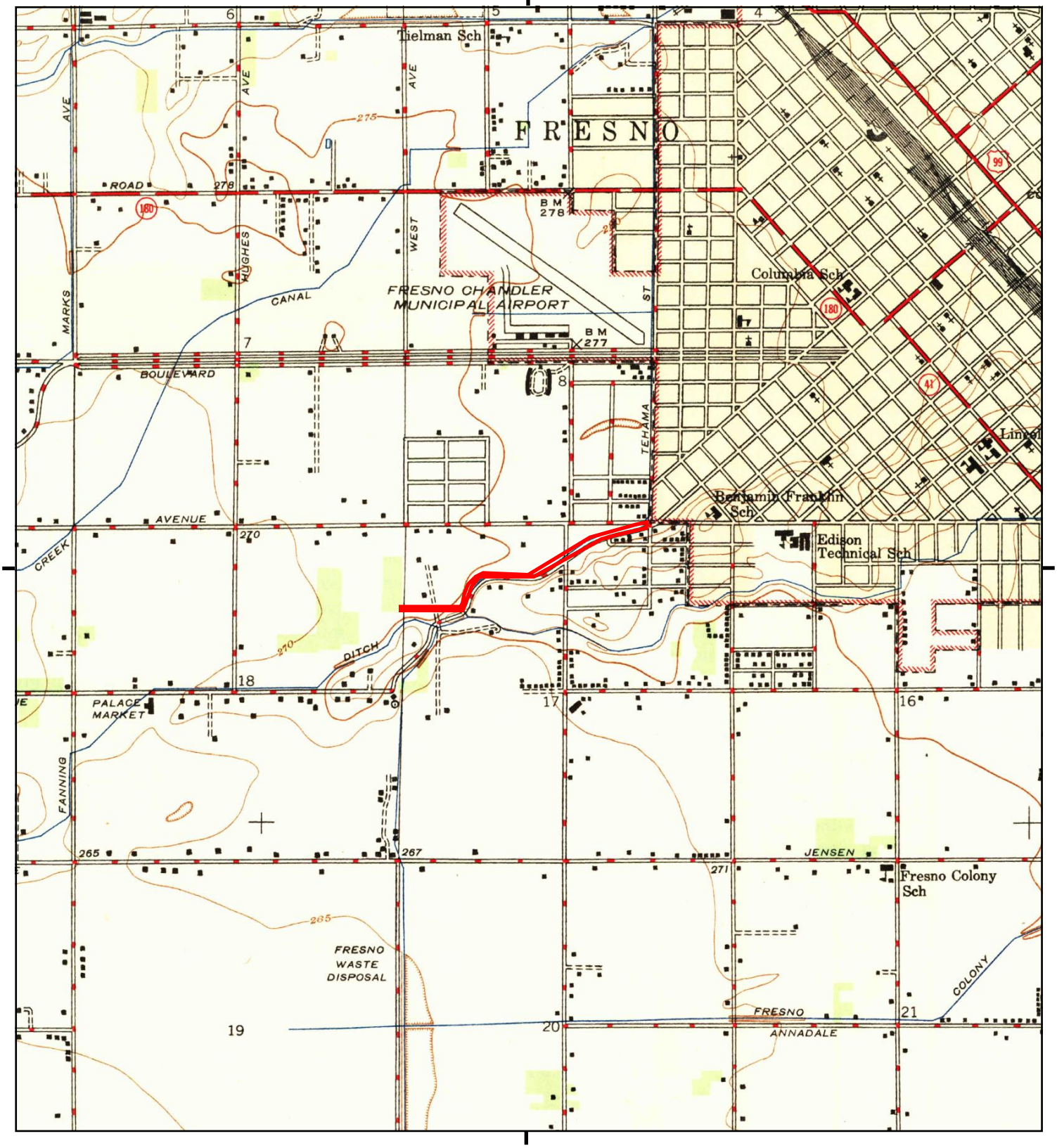
TP, Fresno South, 1963, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

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

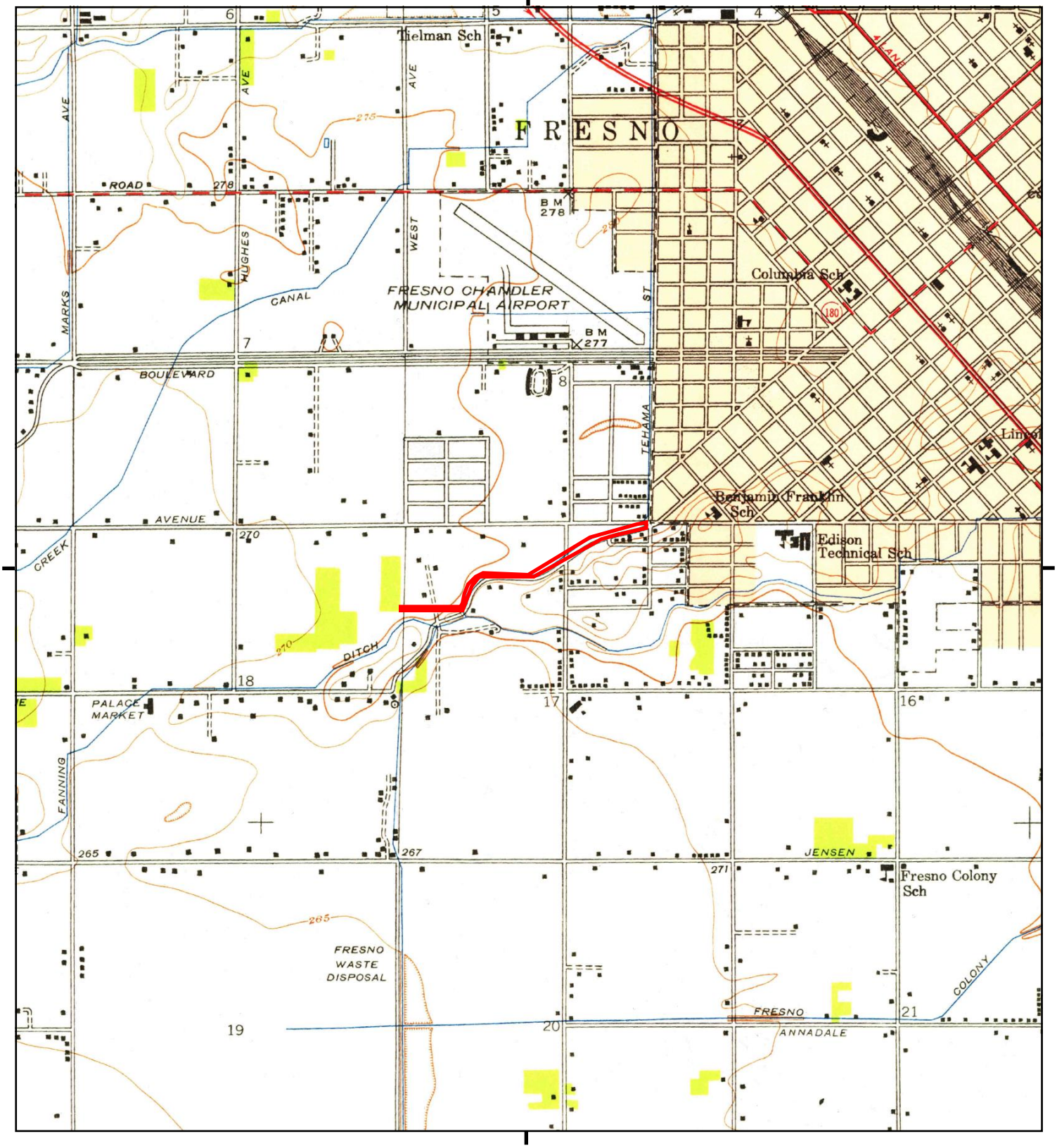
TP, Fresno South, 1947, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

N

Historical Topo Map

1946



This report includes information from the following map sheet(s).

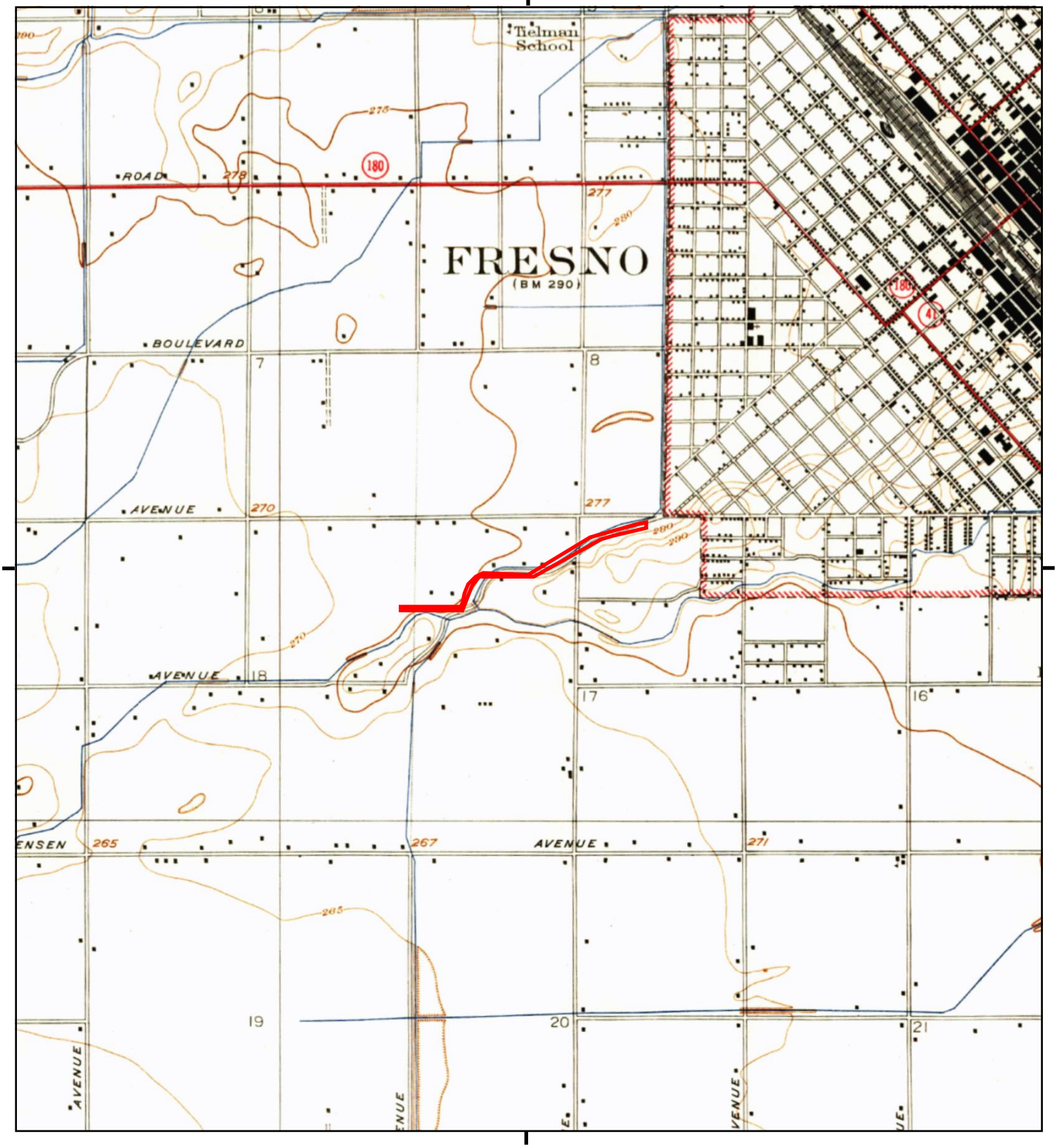
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Fresno South, 1946, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

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

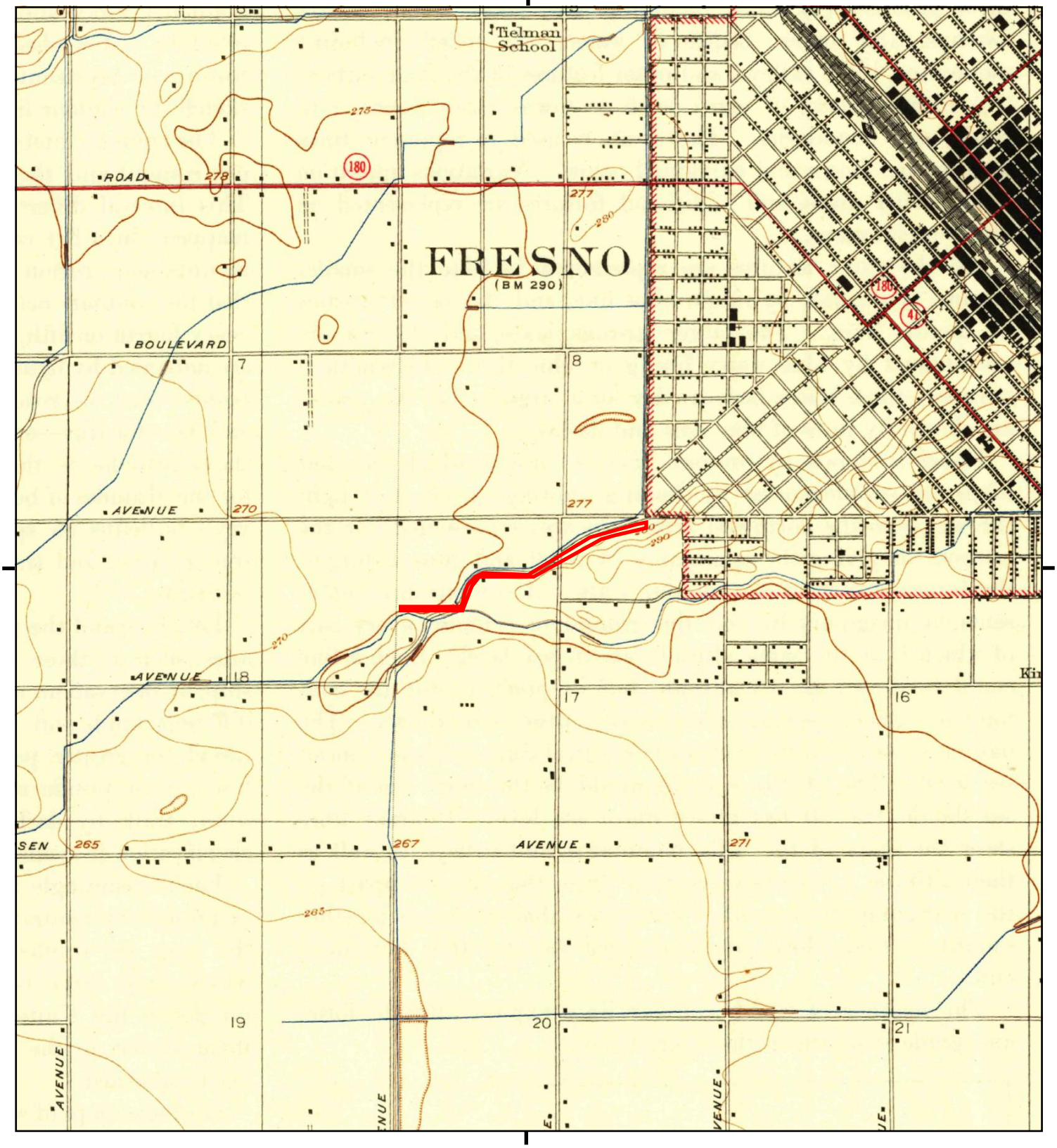
TP, FRESNO, 1942, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

N

Historical Topo Map

1923



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, Fresno, 1923, 7.5-minute

SITE NAME: SW Green Trail Alignment
ADDRESS: SW Green Trail Alignment
Fresno, CA 93706
CLIENT: Rincon

N

SW Green Trail Alignment

SW Green Trail Alignment

Fresno, CA 93706

Inquiry Number: 5817016.3

October 04, 2019

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10/04/19

Site Name:

SW Green Trail Alignment
SW Green Trail Alignment
Fresno, CA 93706
EDR Inquiry # 5817016.3

Client Name:

Rincon
180 North Ashwood Avenue
Ventura, CA 93003-0000
Contact: Lauren Kodama Roenicke

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Certified Sanborn Results:

Certification # 7C50-41D0-83FD

PO # 19-08117

Project SW Green Trail Alignment

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 7C50-41D0-83FD

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Appendix D

Additional Documentation

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

1685 E Street, Fresno, California 93706
(559) 445-5116 • FAX (559) 445-5910
http://www.waterboards.ca.gov/centralvalley

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

25 October 2011

Ms. Marlene Murphy, Director
Redevelopment Agency, City of Fresno
2344 Tulare Street, Suite 200
Fresno, CA 93721

NO FURTHER ACTION REQUIRED, FORMER AUTO DISMANTLER, 317 WEST CALIFORNIA AVENUE, FRESNO, FRESNO COUNTY

Your consultant, ASR Engineering, Inc., submitted the Completion Summary Report dated 9 September 2011 which summarizes cleanup activities at the subject site. The cleanup activities resulted in concentrations of constituents of concern remaining in soil being below applicable cleanup levels. Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff concurred that the site qualified for closure, but before closure could be granted, a public notification and review period were required. A Public Notice explaining the intention of the Central Valley Water Board to close the site was issued to surrounding property owners and residents, and other interested parties on 26 September 2011. The 30-day public review period ended on 26 October 2011 and no comments were received. Consideration for closure has followed State Water Resources Control Board Resolution No. 92-49. A *Case Closure Summary* is enclosed.

If existing, additional, or previously unidentified chemical constituents at the referenced project site threaten to cause pollution or nuisance or are found to pose a threat to public health or water quality, then: 1) nothing in this determination is intended or shall be construed to limit or preclude the Central Valley Water Board or any other agency from taking further enforcement action, and 2) this letter does not relieve past, current, or future owners of the property, of any responsibilities mandated under the California Health and Safety Code and the California Water Code. Nothing in this determination shall constitute or be construed as a satisfaction or release from liability for any conditions or claims arising as a result of past, current, or future operations at the referenced site.

Provided the information you have submitted to this agency was accurate and representative, no further action is needed at the above-referenced property. Please be advised that this letter does not relieve you of any liability under the California Water Code or Health and Safety Code for past, present, or future operations at the site. Nor does it relieve you of any

responsibility to clean up existing, additional, or previously unidentified conditions at the site that cause or threaten to cause degradation or nuisance or otherwise pose a threat to water quality or public health.

If you have any questions, please contact Jeff Hannel at (559) 445-6193.

for Pamela C. Creedon
Executive Officer

Enclosure: Case Closure Summary

cc w/attachment: Mr. Wallace Woo, USEPA, San Francisco
Mr. Kevin Shaddy, DTSC, Clovis
Mr. Lowell Ens, City of Fresno Housing Authority, Fresno
Mr. Enrique Bruque, City of Fresno Redevelopment Agency, Fresno
Mr. Steve Rhodes, FCCHD, Fresno
Mr. Saboor Rahim, ASR, Fresno

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

1685 E Street, Fresno, California 93706
(559) 445-5116 • FAX (559) 445-5910
http://www.waterboards.ca.gov/centralvalley

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

TO: Lonnie M. Wass
Supervising Engineer

Clay Rodgers
Assistant Executive Officer

FROM: Jeffrey W. Hannel
Engineering Geologist
PG No. 5640, CHG No. 649

SIGNATURE:

Russell W. Walls
Senior Engineer
RCE No. 43140

SIGNATURE: Russell W. Walls

DATE: 25 October 2011

SUBJECT: ***CASE CLOSURE SUMMARY, FORMER AUTO DISMANTLER, 317 WEST CALIFORNIA AVENUE, FRESNO, FRESNO COUNTY***

Background

An auto dismantler operated at the property from at least 1950 to 1967. A geophysical survey performed in April 2003 indicated that a UST might be present at the site. An excavation was performed at the site and no USTs were found. The geophysical survey and a site inspection indicated that heavy metals might be present in the surface and shallow subsurface soils. In addition, one destroyed well and one well that is open to a depth of 57 feet were found. An investigation performed at this site in 2003 consisted of collecting seven surface soil samples and drilling one soil boring. Subsurface soil and a groundwater sample were collected from the soil boring. The groundwater sample was bailed from within the hollow stem auger. The soil boring was drilled adjacent to the open well. Groundwater was encountered at a depth of 78 feet. The surface soil samples were analyzed for metals. The subsurface soil samples and the groundwater sample were analyzed for VOCs, SVOCs, TPHg, TPHd, and metals. Lead was detected in one of the surface soil samples at 1,920 mg/kg and iron was detected at 26,500 mg/kg in the same sample. Lead exceeded the California Human Health Screening Level (CHHSL) established by the California Environmental Protection Agency of 150 mg/kg in two samples. The groundwater sample contained aluminum, lead, iron, and manganese at concentrations of 9,630 micrograms per liter (µg/L), 22.7 µg/L, 13,000 µg/L, and 420 µg/L, respectively. It is unclear if the groundwater sample was filtered prior to preserving and the results are suspect.

Soil samples were collected from 16 locations based on a 75-foot by 75-foot grid during January 2006. Samples were collected from depths of 2 to 6 inches and from depths of 12 to 16 inches. Based on the results of these samples, soil samples were collected from four additional locations during March 2006. The March 2006 samples were collected from depths of 6-inches, 2.5 feet, 5-feet, and 10-feet. Selected samples were analyzed for cadmium,

copper, lead, zinc, TPH-carbon chain, PCBs, SVOCs, and CAM 17 metals. Based on detected lead and copper concentrations, selected samples were submitted for STLC and TCLP analyses of these metals. Lead exceeded the California Human Health Screening Level (CHHSL) at 8 locations in the six-inch samples. At four of these locations a 12-inch sample was also analyzed and no 12-inch samples exceeded the CHHSL for lead. The maximum soluable concentration detected for lead was 11.4 mg/L in a sample that contained total lead of 546 mg/kg. The maximum TCLP was 0.14 mg/L in a sample that contained 1,770 mg/kg total lead. All of the shallow soil samples contained diesel and waste oil at concentrations ranging from 8 mg/kg to 480 mg/kg. These samples were submitted for SVOC analyses. Other than PAHs detected at one location in the eastern portion of the property, only trace quantities of SVOCs were detected. PAHs were detected above United States Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) in 6 and 12-inch samples from one eastern location. Four additional locations were sampled in this eastern area and PAHs above RSLs were detected in samples collected at depths of 6-inches. No PAHs were detected in 30-inch depth samples collected from those same locations.

The only PCB detected was aroclor 1260 detected in three 6-inch samples at concentrations of 29 µg/Kg, 61 µg/Kg, and 150 µg/Kg. The CHSSL for PCBs is 89 µg/Kg.

A soil gas survey was performed at the site. No VOCs were detected.

The City of Fresno Redevelopment Agency (Redevelopment Agency) excavated impacted soil to a depth of up to 15-inches and hauled the soil offsite for disposal. The initial excavation removed about 1400 tons of soil. Initial confirmation sampling found that lead exceeded the CHHSL in one area and benzo-pyrene exceeded the RSL in one area. About 190 tons of additional soil was then excavated. The soil in the bottom of the excavation was re-sampled and did not contain lead, PCBs, or PAHs above the CHHSLs or RSLs for residential properties. The excavation was backfilled with clean imported soil.

The Redevelopment Agency obtained permits from the City of Fresno and destroyed the open well under City of Fresno oversight.

Central Valley Water Board staff prepared a public notice to notify interested parties of the pending closure. The Redevelopment Agency mailed the public notice to surrounding residences, businesses, property owners, and other interested parties, on 26 September 2011. No comments were received.

Conclusions

All practical remediation has been performed at the subject site. Any remaining residual constituents of concern do not exceed CHHSLs or RSLs. The residual levels of constituents of concern are not sufficient to cause health concerns for the public and are not a threat to the beneficial uses of groundwater. I recommend that a no further action letter be sent to the responsible parties.

FRESNO COUNTY COMMUNITY HEALTH DEPARTMENT
UNDERGROUND STORAGE TANK PRE-TRANSACTION REPORT

GENERATED BY: YEE

REPORT 7724
11/17/98

Facility ID#: 169100
Facility Name: ZACKY FARMS
Facility Address: 900 W BELGRAVIA
FRESNO, 93778
Census Tract: 080000

Owner Name: ZACKY FARMS
P O BOX 12556
FRESNO, CA 93721

Current Program Element: 6202

Tank Information:

I.D. #	PE#	Capacity	Piping	Contents	State Surcharge Last Invoiced	Amount Paid	Date Surcharge Next Due	Tank to be Removed Y/N
TA039308	6200	12000	PRESSURE	DIESEL	06/01/95	56.00		(Yes) No
TA039309	6200	12000	SUCTION	DIESEL	06/01/95	56.00		(Yes) No

Yes [✓] No [ ] This transaction will result in changing program element number from 6202 to: 6302

[ ] Yes [✓] No Do additional tank records need to be added to this facility?
If "YES" then enter the appropriate information in the space above.

Fee Activity:

Program Element	Fee/Activity Description	Fee Amount
6302	Removal (2) UST.	316.00

TOTAL AMOUNT DUE $316.00

Account ID# 0004140

Application Approved By: Harry Yee Date: 11/17/98

Envision Updated By: [signature] Date: 12/15/98

Supervisor Review: [signature]

Business Office Use Only PD 11/17/98
#135475 $316.00

CT.09

When completed return to
County of Fresno Dept. of Health
P.O. Box 11800
Fresno, California 93775

APPLICATION
ENVIRONMENTAL HEALTH FEE RECEIPT

Date 5-30-90

Business I.D. No. A 11115 R/E

1. Business ZACKY FARMS

2. Inspection Site 900 W. BELGRAVIA 486-2210
Street Phone
FRESNO CA 93778
City State Zip

3. Billing address P.O. BOX 12656
Street
FRESNO CA 93778
City State Zip

4. List all activities the business is to be engage in. (e.g.; Bar, Restaurant, Meat Market, Pool, etc.)
2 TANKS - EXISTING NON UPGRADED; 2 TANKS - STATE SURCHARGE

5. Number of units, square footage, or seating capacity.

6. Date of business commencement

7. If this business is seasonal or temporary, how many months of the year will it operate?

8. Name of applicant JERRY ANDERSON

9. Signature

NOTICE: Notify the Environmental Health Department of any change in the type of business activity, name or ownership by calling 445-3357. Failure to notify the Environmental Health Department may result in late fee penalties and/or referral of past due account to a collections agency.

FOR OFFICE USE ONLY

Fee calculated as follows: COST CENTER

1. No. ____ ,Units 2 TANKS , Fee 105.00
Activity NON UPGRADED - Existing tanks

2. No. ____ ,Units 2 TANKS , Fee 112.00
Activity STATE SURCHARGE

3. No. ____ ,Units ____ , Fee ____
Activity ____

Penalty ____

Total ____

H-429 (7/85)
HBO # 133

DISPLAY IN A CONSPICUOUS PLACE

County of FRESNO

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH FEE RECEIPT

072001

NON TRANSFERABLE

April 22, 1993
CT 9.00

RECEIVED OF ZACKY FARMS
THE SUM OF $ 222.00 FOR ENVIRONMENTAL HEALTH FEE TO ENGAGE IN THE ACTIVITY OF

UNDERGROUND STORAGE TANK

FOR THE PERIOD May 30, 1993 TO May 29, 1994

MAILING ADDRESS
ZACKY FARMS
P O BOX 12556
FRESNO,CA 93778

COST CENTER 4890

BUSINESS I.D. NO. 11115R

** THANK YOU FOR YOUR PAYMENT **

SITE: 900 W BELGRAVIA
FRESNO,CA 93778

BY GEORGE BLETH - DIRECTOR

DISPLAY IN A CONSPICUOUS PLACE

County of FRESNO

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH FEE RECEIPT

064693

NON TRANSFERABLE

May 21, 1992
CT 9.00

RECEIVED OF ZACKY FARMS
THE SUM OF $ 153.00 FOR ENVIRONMENTAL HEALTH FEE TO ENGAGE IN THE ACTIVITY OF

UNDERGROUND STORAGE TANK TWO EXISTING NON UPGRADED TANKS

FOR THE PERIOD TO

MAILING ADDRESS
ZACKY FARMS
P O BOX 12556
FRESNO,CA 93778

COST CENTER 4890

BUSINESS I.D. NO. 11115R

** THANK YOU FOR YOUR PAYMENT **

ITE: 900 W BELGRAVIA
FRESNO,CA 93778

BY GEORGE BLETH - DIRECTOR

[redacted]

D AY IN CONSPICUOUS PLACE

County of FRESNO

50816

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH FEE RECEIPT

August 27, 1990
CT 9.00

RECEIVED OF ZACKY FARMS
THE SUM OF $ 105.00 FOR ENVIRONMENTAL HEALTH FEE TO ENGAGE IN THE ACTIVITY(S) OF

UNDERGROUND STORAGE TANK TWO EXISTING NON UPGRADED TANKS
FOR THE PERIOD TO

MAILING ADDRESS
ZACKY FARMS
P O BOX 12556
FRESNO,CA 93778

COST CENTER 4890

BUSINESS I.D. NO. 11115R

** THANK YOU FOR YOUR PAYMENT **

SITE: 900 W BELGRAVIA
FRESNO,CA 93778

BY GEORGE BLETH - DIRECTOR

D AY IN CONSPICUOUS PLACE

County of FRESNO

50815

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH FEE RECEIPT

July 24, 1990
CT 9.00

RECEIVED OF ZACKY FARMS
THE SUM OF $ 112.00 FOR ENVIRONMENTAL HEALTH FEE TO ENGAGE IN THE ACTIVITY(S) OF

UNDERGROUND STORAGE TANK STATE SURCHARGE 2 TANKS
FOR THE PERIOD TO

MAILING ADDRESS
ZACKY FARMS
P O BOX 12556
FRESNO,CA 93778

COST CENTER 4890

BUSINESS I.D. NO. 11115R

** THANK YOU FOR YOUR PAYMENT **

SITE: 900 W BELGRAVIA
FRESNO,CA 93778

BY GEORGE BLETH - DIRECTOR

DISPLAY IN A CONSPICUOUS PLACE

County of FRESNO

058174

DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH FEE RECEIPT

June 6, 1991
CT 9.00

RECEIVED OF ZACKY FARMS
THE SUM OF $ 105.00 FOR ENVIRONMENTAL HEALTH FEE TO ENGAGE IN THE ACTIVITY OF

UNDERGROUND STORAGE TANK TWO EXISTING NON UPGRADED TANKS
FOR THE PERIOD TO

MAILING ADDRESS
ZACKY FARMS
P O BOX 12556
FRESNO,CA 93778

COST CENTER 4890

BUSINESS I.D. NO. 11115R

** THANK YOU FOR YOUR PAYMENT **

Human Services System
Department of Community Health
Gary M. Carozza, Director

Adult Services Department
Children & Family Services Department
Employment & Temporary Assistance Department

Guidelines for Inspection of Public Records

All public records of the Fresno County Human Services System, Department of Community Health, Environmental Health System, which are subject to disclosure under the provisions of the California Public Records Act (Government Code Sections 6250 - 6260), are open to inspection by the public during normal office hours of the office at which those records are located. However, certain records are confidential, and the Department may not release these records to the public.

Any person who wishes to inspect a public record may present his request to the clerk on duty where the public record is located. A particular record, or if not known, the particular type or class of record, may be requested.

No record may be removed from the office unless subpoenaed. Copies can be made at a charge of ten cents (10¢) for each original copy for copies 1 - 8. A charge of five cents (5¢) per copy will be made on copies of 9 or more. The requestor may reproduce a copy by his own means, subject to the limitations that no record is removed from the office and that the record is not damaged by the reproduction equipment.

The Department may temporarily deny or restrict inspection of public records under the following circumstances:

1. Records are at the particular time required by staff or other officials in the performance of their duties; or
2. Supervision of inspection is at that particular moment not possible; or
3. Other members of the public are waiting to inspect those records.

Request to Inspect Public Records

I have read the Department's guidelines and wish to inspect the following record:

Name (print): Jose Silva James Marnatti Jose Silva Phone Number: (209) 394-6934

Signature: James Marnatti 265-2019

Representing: Foster Poultry Farms

File Name: Foster Farms Belgravia Plant MD Wesson Disposal Site Jose Silva

File Address: 900 W. Belgravia NE Corner of Church & West Streets 900 W Belgravia

Type of File: SWIS #10-CR-0056

►►►Do Not Write Below This Line – Department Use Only ◄◄◄

Request Approved: _____ Request Temporarily Denied or Restricted: _____ Request Denied File Confidential: _____

Analyst: Kevin Tsuda CT Title: _____ Date: _____

PE# 6398 2244 2260 2232 6600

D.V.# 306734

Guidelines for Inspection of Public Records

All public records of the Fresno County Human Services System, Department of Community Health, Environmental Health System, which are subject to disclosure under the provisions of the California Public Records Act (Government Code Sections 6250-6260), are open to inspection by the public during normal office hours at the office at which those records are located. However, certain records are confidential, and the Department may not release those records to the public. They include all complaint files, personnel records, well logs, field notes and preliminary drafts for use by the Department.

Any person who wishes to inspect a public record may present his request to the clerk on duty where the public record is located. A particular record, or if not known, the particular type or class of record, may be requested.

No record may be removed from the office unless subpoenaed. Copies can be made at a charge of ten cents ($0.10) for each original copy for copies 1 through 8. A charge of five cents ($0.05) per copy will be made on copies of 9 or more. The requestor may reproduce a copy by his own means, subject to the limitations that no record is removed from the office and that the record is not damaged by the reproduction equipment.

The Department may temporarily deny or restrict inspection of public records under the following circumstances:

1. Records are at the particular time required by staff or other officials in performing their duties.
2. Supervision of inspection is at that particular moment not possible.
3. Other members of the public are waiting to inspect those records.

I have read the Department's guidelines and wish to inspect the following record:

Name (print): C Todd Kennedy

Signature: C Todd Kennedy

Company: Attorney at Law

File Name: Zady Farms

File Address: 900 West Belgravia

Type of File: 6034

DATAVAULT # 306734

►►►Do Not Write Below This Line – Department Use Only ◄◄◄

Request Approved: ✓ Request Not Approved: _____

Analyst: Wilda Ramos Date: 4/20/01

GUIDELINES FOR INSPECTION OF PUBLIC RECORDS

All public records of the Fresno County Human Servics System, Department of Community Health, Environmental Health System, which are subject to disclosure under the provisions of the California Public Records Act (Government Code Sections 6250-6260), are open to inspection by the public during normal office hours of the office at which those records are located. However, certain records are confidential, and the Department may not release these records to the public. They include all complaint files, personnel records, well logs, field notes and preliminary drafts for use by the Department.

Any person who wishes to inspect a public record may present his request to the clerk on duty where the public record is located. A particular record, or if not known, the particular type or class of records, may be requested.

No record may be removed from the office unless subpoenaed. Copies can be made at a charge of $.10 for each original copy for copies 1-8. A charge of $.05 per copy will be made on copies of 9 or more. The requestor may reproduce a copy by his own means, subject to the limitations that no record is removed from the office and that the record is not damaged by the reproduction equipment.

The Department may temporarily deny or restrict inspection of public records under the following circumstances:

1. Records are at the particular time required by staff or other officials in performing their duties.
2. Supervision of inspection is at that particular moment not possible.
3. Other members of the public are waiting to inspect those records.

I have read the Department's guidelines and wish to inspect the following record

Print Name: MARK OCHINGLO

Signature: [signature]

Company: ZACKY FARMS

File Name: _____

File Address: 900 W. Belgravia

Type of File: _____ Date: _____

Department Use Only

Request Approved: V

Request Not Approved: _____

Analyst: Harry Yee Date: 6-12-00

Revised 4/15/99kmj

GUIDELINES FOR INSPECTION OF PUBLIC RECORDS

All public records of the Fresno County Community Health Department, Environmental Health System, which are subject to disclosure under the provisions of the California Public Records Act (Government Code 6250-6260), are open to inspection by the public during normal business hours. However, certain records are confidential, and these records may not be released to the public.

Any person who wishes to inspect a public record may request an appointment to view the resources to determine if a file exists. If a file does exist and a person wishes to view that file a request form needs to be filled out and submitted.

No record may be removed from the office unless subpoenaed. A limited number of copies of selected documents can be made at a charge of $.10 per copy for the first eight and $.05 per copy for all others. The requestor may make their own copies as long as the original is not damaged by the reproduction equipment and the record is not removed from the office.

This office may temporarily deny inspection of a record under the following circumstances:

1. The record is at that time required by staff or other officials in performing their duties.
2. Other members of the public are waiting to inspect that record.
3. Supervision of inspection at the time requested is not possible.

Signature	Representing	Date
Agathe Mantaana	Rosemarie Rusca	3-12-96

I have read the Department's guidelines and wish to inspect the following record.

Type of File	File Name:
☐ Business Plan ☒ Underground Tanks ☐ Miscellaneous ☐ Other	Zacky Farms **File Address:** 900 W. Belgravia

Department Use Only

☒ Request Approved

Tony Shumate

Department Representative

☐ Request Not Approved

3/14/96

Date

Revised 8/17/95 kmj

GUIDELINES FOR INSPECTION OF PUBLIC RECORDS

All public records of the Fresno County Department of Health, Environmental Health System, which are subject to disclosure under the provisions of the California Public Records Act (Government Code Sections 6250 - 6260), are open to inspection by the public during normal office hours of the office at which those records are located. However, certain records are confidential, and the Department may not release these records to the public. They include all complaint files, inter-office memos, all material in "Confidential" air pollution folders, personnel records, well logs, field notes and preliminary drafts for use by the Department.

Any person who wishes to inspect a public record may present his request to the clerk on duty where the public record is located. A particular record, or if not known, the particular type or class of records, may be requested.

No record may be removed from the office unless subpoenaed. Copies can be made at a charge of 10¢ for each original copy for copies 1 - 8. A charge of .05¢ per copy will be made on copies of 9 or more. The requestor may reproduce a copy by his own means, subject to the limitations that no record is removed from the office and that the record is not damaged by the reproduction equipment.

The Department may temporarily deny or restrict inspection of public records under the following circumstances:

1. Records are at the particular time required by staff or other officials in performing their duties.
2. Supervision of inspection is at that particular moment not possible.
3. Other members of the public are waiting to inspect those records.

REQUEST TO INSPECT PUBLIC RECORDS

§§§

pw file

FRESNO COUNTY DEPARTMENT OF HEALTH

Hazardous Materials/Underground Storage Tanks

Telephone Call Record

Zacky Farms
(Facility Name/ERT Incident #)

900 W. Belgravia, Fresno
(Facility Address)

Jackie, Shawely Ent.
(Person Called)

(Phone #)

8/6/90
(Date)

8:35
(Time)

Summary of Discussion

The precision test performed on the 12,000 gallon diesel UGST for the 'boiler/broiler' room failed on the high level test. The low level test showed a (+.013). The have been instructed by Shawely to make repairs to the piping and retest.

Steven T. Rhodes
(Analyst Name)

☒ UGST File ☐ HazMat File ☐ Haz Waste File ☐ ERT Report File

THE COUNTY OF FRESNO 1856

Human Services System
Community Health Department
Gary M. Carozza, Director

Adult Services Department
Children & Family Services Department
Employment & Temporary Assistance Department

April 13, 1999

Mark Ochinero
Zacky Farms
P.O. Box 12556
Fresno, California 93778

Dear Mr. Ochinero

Subject: Underground Storage Tank Abandonment Completion
Location: 900 W. Belgravia, Fresno, CA

This letter confirms the permanent closure of underground storage tanks at the above site as required by the California Code of Regulations, Title 23, Article 7. The closure occurred on November 23, 1998, with the removal of two (2) underground storage tanks. With the provision that the information provided to this office is accurate and representative of existing conditions, no further action is required at this time. The site should now be properly closed, including backfilling as necessary.

This letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor, does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site which cause or threaten to cause pollution, or nuisance, or otherwise pose a threat to water quality or public health. Please call me at (559) 445-3271 if you have any questions.

Sincerely,

Lea Spann, R.E.H.S.
Environmental Health Analyst
Environmental Health System

LS:bjw

cc: Jack Mendrin, West Star Environmental

THE COUNTY OF FRESNO 1856

Health Services Agency

Gary M. Carozza, Interim Health Services Agency Director

January 9, 1998

ZACKY FARMS
P O BOX 12556
FRESNO, CA 93778-2556

Subject: Underground Storage Tank - December 22, 1998 Compliance Deadline

Location: ZACKY FARMS
900 W BELGRAVIA

Dear Underground Tank Owner:

As an owner or operator of an existing underground fuel tank system you are probably aware that the **December 22, 1998** deadline is fast approaching (approximately 11 months). If you do not know the significance of DECEMBER 22, 1998 then you need to attend one of the upcoming UST Compliance Assistance Workshops (see enclosed flyer). Current State and Federal Laws require that existing underground storage tanks (UST) either be upgraded or permanently closed by December 22, 1998. Your current Permit to Operate expires on this date. **Unless you take the necessary steps to upgrade or replace your tanks, you will be required to cease operating and permanently close your tank(s) at the end of this year.**

In an effort to keep UST owners and operators aware of current regulations, we will be conducting two UST Compliance Assistance Workshops. These workshops will provide you with important information regarding this deadline, discuss any significant regulatory or legislative changes including AB1491 (Fuel Ban Bill), and most importantly will provide you with the opportunity to have your questions answered.

Please call to reserve a seat, or, if you are unable to attend you may contact me at (209) 445-3271 to arrange for a site specific consultation.

Sincerely,

Lea Spann, REHS

080000 169100 6202
F:\HAZMAT\UST\1998NOT2.QW

March 25, 1997

ZACKY FARMS
P O BOX 12556
FRESNO, CA 93778-2556

Subject: Underground Storage Tank Upgrade Requirements
Location: 900 W BELGRAVIA

As the owner of an underground storage tank you are probably aware that the **December 22, 1998 deadline** is fast approaching (approximately only 22 months). If you do not know the significance of this date then you must attend one of the upcoming compliance assistance workshops (see enclosed flyer). Current State and Federal Laws require that existing underground storage tanks (UST) either be upgraded or permanently closed by the deadline. **Therefore, unless you take the necessary steps to upgrade or replace your tank(s) you will have to cease the sale of fuel and permanently close your tank(s).**

To keep UST owners aware of current regulations and to answer any questions you may have, this department will be conducting UST Compliance Assistance Workshops. These workshops will afford you an opportunity to have your questions answered. Also any significant upcoming, regulatory or legislative changes will be addressed.

In addition, enclosed you will find a questionnaire about tank upgrades and a tank upgrade guide. Please take a minute to answer the question regarding your plans for meeting the deadline. Return the form to this office as soon as possible by mail or FAX (209) 445-3301. Your cooperation is appreciated and will assist this office with its planning efforts for the upcoming years. Confused? Call me at (209)445-3271 and I'll do my best to assist you in this process.

Sincerely,
(Signed Original Sent 3/25/97)

Luis Ledezma
Environmental Health Analyst

enclosures
UPDATE.QW (080000, 169100, 6202)

Zacky® Farms
California Prime Poultry
900 West Belgravia
P.O. Box 12556
Fresno, CA 93778
Telephone: (209) 486-2310

March 30, 1993

Christopher D. Brown, R.E.H.S.
Environmental Health Analyst
Department of Health
P.O. Box 11867
Fresno, CA 93775

Dear Mr. Brown,

Enclosed please find the Underground Storage Tank Monitoring Programs for the following locations:

1. Zacky Farms - Cedar Hatchery
   12466 S. Cedar, Fresno

2. Zacky Farms - Turkey Plant
   2222 S. East, Fresno

3. Zacky Farms - Fresno Garage
   190 N. Thorne, Fresno

4. Zacky Farms - Fresno Chicken Plant
   900 W. Belgravia, Fresno

These programs are being sent to you as you requested for approval.

If you have any questions, please contact me at (209) 486-2310 extension 359.

Sincerely,

Mark Ochinero
Safety Supervisor

RECEIVED
APR 01 1993
ENVIRONMENTAL HEALTH

Underground Storage Tank Monitoring Program

Location: Zacky Farms - Fresno Chicken Plant
900 W. Belgravia, Fresno

Tank Size/Contents: 12,000 gallon Diesel (Fuel Island)
12,000 gallon Diesel (Boiler)

Inventory Reconciliation (Fuel Island Tank only)

It is the responsibility of the Plant Manager to assure that inventory reconciliation is performed as described in the "Inventory Reconciliation Procedure Manual for Underground Storage Tanks" provided by Fresno County Department of Health.

The "Inventory Reconciliation Monthly Reports" must be maintained at the Fresno Chicken Plant for a minimum period of three (3) years. Copies of this report must be submitted to the Safety Department at the end of each month. The "Annual Inventory Reconciliation Summary Reports" must be completed and submitted to the Safety Department within one (1) week of the end of each year. The Safety Department will review this report and submit it to Fresno County Department of Health.

Tank Gauging (Boiler Tank only)

It is the responsibility of the Plant Manager to assure that tank gauging is performed as described in the "Tank Gauging Procedure Manual for Underground Storage Tanks" provided by Fresno County Department of Health. The "Quarterly Tank Gauging Report" must be maintained at the Fresno Chicken Plant for a minimum period of three (3) years. Copies of this report must be submitted to the Safety Department at the end of each quarter. The "Annual Tank Gauging Summary Report" must be completed and submitted to the Safety Department within one (1) week of the end of each year. The Safety Department will review this report and submit it to Fresno County Department of Health.

Annual Tank Tightness Tests

It is the responsibility of the Plant Manager to assure that an annual tank tightness test is performed on each underground storage tank as required by Fresno County Department of Health. The Safety Department should be contacted prior to making arrangements for this testing. Records of the annual tank tightness tests must be maintained at the Fresno Chicken Plant for a minimum period of three (3) years. Copies of these records must be submitted to the Safety Department.

Visual Inspections

It is the responsibility of the Plant Manager to assure that a visual inspection of the facility be performed on a regular basis to detect warning signs of a leak. Warning signs are listed in the "inventory Reconciliation Manual for Underground Storage Tanks." All leaks or suspected leaks must be immediately reported to the Safety Department.

Zacky Farms®
California Prime Poultry

900 West Belgravia
P.O. Box 12556
Fresno, CA 93778
Telephone: (209) 486-2310

RECEIVED
DEC 23 1992
ENVIRONMENTAL HEALTH

December 21, 1992

Mr. Christopher Brown
Fresno County Department of Health
Environmental Health System
P.O. Box 11867
Fresno, CA 93775

Dear Mr. Brown:

In Response to the letter from your office dated November 11, 1992, regarding underground storage tank regulations, we are submitting Underground Storage Tank Application Forms A and B for the following locations:

190 N. Thorne, Fresno
2222 S. East, Fresno
900 W. Belgravia, Fresno
12466 S. Cedar, Fresno

Also enclosed is the Department of Health, Environmental Health Application for 12466 S. Cedar, Fresno.

At this time we are planning to remove the tank located at 315 N. "H" Street, Fresno. We anticipate this to be completed in approximately ninety (90) days.

If you have any questions, please feel free to contact me at (209) 486-2310 extension 359.

Sincerely,

Mark Ochinero
Safety Supervisor

MO/jc

Enclosures

900 W Belgravia

County of FRESNO

Department of Health

George Bleth
Director

December 2, 1992

Mr. Mark Ochinero
Zacky Farms
P.O. Box 12556
Fresno, CA 93727

Dear Mr Ochinero:

Subject: Underground Storage Tanks

This letter is in response to our meeting at the Fresno County Department of Health on November 23, 1992. During our meeting we discussed inventory reconciliation, tank gauging, monitoring programs, and other permit requirements. You were provided inventory reconciliation and tank gauging manuals, permit application forms, underground storage tank regulations, a Petroleum Underground Storage Tank Financial Responsibility Guide, and Environmental Health Application forms for the payment of permit evaluation fees.

Complete and return the Underground Storage Tank Permit Application Forms and the Environmental Health Applications to this office within 15 days of the date on this letter. All other violations must be addressed and corrected in a timely manner as determined in consultation with this office.

If you have any questions I may be reached at (209) 445-3271.

Respectfully,

Christopher Brown

Christopher Brown
Environmental Health Analyst
Environmental Health System

CB:sja

900 W. Belgravia

County of FRESNO

Department of Health

George Bleth
Director

November 11, 1992

Mark Ochinero
Zacky Farms
900 W. Belgravia
Fresno, CA. 93706

Dear Mr. Ochinero:

Subject: Underground Storage Tank Regulations

The Fresno County Department of Health has recently reviewed the underground storage tank files for tanks owned by Zacky Farms. As a result of that review, several violations of the California Health and Safety Code Chapter 6.7 & 6.95 have been noted. As the owner of underground storage tanks, you are obligated to comply with applicable sections of the Underground Storage Tank Law. The sites which have violations are listed, followed by the applicable violations.

Zacky Farms
190 N. Thorne, Fresno

1. An Operating permit has not been obtained. The Owner and operator must have a valid operating permit issued by this office. (Section 25284).

2. Underground Storage Tank Application Forms A, B and (if applicable) C have not been submitted to this Department. (Section 25286).

3. A written monitoring program has not been approved by this Department. (Section 25299.3).

Zacky Farms
2222 S. East, Fresno

1. An Operating permit has not been obtained. The Owner and operator must have a valid operating permit issued by this office. (Section 25284).

2. Inventory reconciliation annual summary reports are not being submitted. Annual summary reports must be submitted to this office. (Section 25292).

3. Underground Storage Tank Application Forms A, B and (if applicable) C have not been submitted to this Department. (Section 25286).

4. A written monitoring program has not been approved by this Department. (Section 25299.3).

Zacky Farms
900 W. Belgravia, Fresno

1. An Operating permit has not been obtained. The Owner and operator must have a valid operating permit issued by this office. (Section 25284).

2. Inventory reconciliation annual summary reports are not being submitted. Annual summary reports must be submitted to this office. (Section 25292).

3. Underground Storage Tank Application Forms A, B and (if applicable) C have not been submitted to this Department. (Section 25286).

4. A written monitoring program has not been approved by this Department. (Section 25299.3).

Chicken Hatchery
12466 S. Cedar, Fresno

1. An Operating permit has not been obtained. The Owner and operator must have a valid operating permit issued by this office. (Section 25284).

2. Environmental Health and/or State Surcharge Fees have not been paid. Fees must be paid to this office. (Section 25287).

3. Inventory reconciliation (IR) is not being performed. IR must be performed daily. (Section 25292).

4. Inventory reconciliation annual summary reports are not being submitted. Annual summary reports must be submitted to this office. (Section 25292).

5. Underground Storage Tank Application Forms A, B and (if applicable) C have not been submitted to this Department. (Section 25286).

6. A written monitoring program has not been approved by this Department. (Section 25299.3).

Zacky Farms
315 N. H Street, Fresno

1. An Operating permit has not been obtained. The Owner and operator must have a valid operating permit issued by this office. (Section 25284).

2. Environmental Health and/or State Surcharge Fees have not been paid. Fees must be paid to this office. (Section 25287).

3. Annual tank tightness test(s) have not been performed. Tests must be performed annually. (Section 25292).

4. Tank gauging is not being performed. Tank gauging must be performed. (Section 25292).

5. Tank gauging annual summary reports are not being submitted. Annual summary reports must be submitted to this office. (Section 25292).

6. Underground Storage Tank Application Forms A, B and (if applicable) C have not been submitted to this Department. (Section 25286).

7. A written monitoring program has not been approved by this Department. (Section 25299.3).

In addition to the above requirements this office requires owners of underground storage tanks to obtain permits prior to conducting any repairs, tests, modifications or removal of any underground tank.

Violations of the California Health and Safety Code and California Code of Regulations can carry civil and criminal penalties of five thousand dollars ($5,000) per day per violation.

You are hereby noticed to correct all of the above violations within thirty (30) days from the date of this letter. Failure to comply with this notice will result in further enforcement action by this office. If you have questions regarding this letter or need further assistance please contact me at (209) 445-3271.

Sincerely,

Tim L. Casagrande
Environmental Health Division Manager
Environmental Health System

TLC/sja

PRECISION TEST RESULTS

Date of test	Tank size	content	leak rate	test type
6/13/92	12K	D	-.011	NDE - Gravely
"	"	"	-.023	" "
6/19/93	12K	D	.03	Petro tight
6/4/93	"	"	.02	" "
6/11/94	12K	D	.02	Petro tight lines tested & passed
"	"	D	.02	" "
8/5/95	2 TANKS ONLY BOTH		PASSED	
8/10/96	TANKS	PASSED		
6/11/98	12K	diesel	.042	Petrotite
"	12K	"	.031	"

Underground Storage Tank Testing
Permit Application

Fresno County Community Health Department
Environmental Health System



FACILITY INFORMATION:

Facility Name Zacky Farms Phone No. 443-2772

Address 900 W Belgravity City FRESNO State CA Zip 93721

Tank Owner Zacky Farms Phone No. 486-2310

Address P.O Box 12556 City FRESNO State CA Zip 93775

TANK TESTER INFORMATION:

Company Name LRG SERVICE Phone No. 445-1041

Address P.O. Box 1392 City FRESNO State CA Zip 93716

Tester Name LARRY GOERINGER Certificate No. 98-1019

Test(s) To Be Conducted: (TANK) / PIPING / LEAK DETECTOR Retest?: YES / NO

Test Date 4-11-98 Tank Test Method PETRO TITE Piping Test Method PETRO TITE

TANK SYSTEM INFORMATION:

Tank No.	Product	Capacity	Tank Test Result	Piping Type	Test Result	Leak Detector Installed ?	Test Result
A	Diesel	12,000	1042	Suction	gravity	NO	
B	Diesel	12000	1031	suction	—	NO	

NOTE: The applicant understands and will comply with the conditions listed on the back of this permit and all other applicable State and local regulations.

Larry Goeringer — Applicants Name

Applicants Signature

3-16-98 — Application Date

Approved By

PR#

CT

1485 — PERMIT #

Data Chart for Tank System Tightness Test

RECEIVED
APR 22 1998
Environmental Health System

PLEASE PRINT

1. OWNER Property ☑ Tank(s) ☑

Name	Address	Zip	Representative	Telephone
Zacky Farms	900 W Belgravia		486 2378	
same				

2. OPERATOR

Name	Address	Zip	Telephone
same			

3. REASON FOR TEST (Explain Fully)

Annual

4. WHO REQUESTED TEST AND WHEN

Name	Title	Company or Affiliation	Date
Mark Ochuano			3-16-98

Address	Zip	Telephone
P.O. Box 12356	FRESNO 93778	486-2310

5. TANK INVOLVED

Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
A	12,000	—	Diesel	4 yr	Steel
B	12,000	—	Diesel	4 yr	Steel

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
North of Road	Concrete / Earth	4"	2"	n/a	Suction
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the water table from grade _____ "

Is the water over the tank? ☐ Yes ☑ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled _____ hr. _____ Date Arranged by Customer (Name) _____ Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry _____ Company _____ Name _____ Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

10. OTHER INFORMATION OR REMARKS

self Leveling

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD

☑ PETRO TITE II ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
A	yes	.042	4/11/98
B	yes	.031	4/11/98

12. SENSOR CERTIFICATION

2-2-98
Date

272
Serial No. of Thermal Sensor

13. CONTRACTOR CERTIFICATION

Technicians

1. Larry Goeding
Certification # CA 98-1019

2. _____
Certification # _____

LRG SERVICE CO. [signature]
Testing Contractor or Company. By: Signature

P.O. Box 1392 FRESNO CA 93716
Address

PN6827

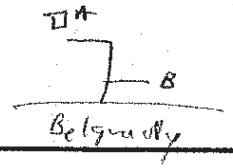
Name of Supplier, Owner or Dealer | Address No. and Street(s) | City | State | Date of Test

15. TANK TO TEST

A
Identity by position

Diesel
Brand and Grade

15a. BRIEF DIAGRAM OF TANK FIELD



16. CAPACITY

Nominal Capacity 12,000 Gallons

By most accurate capacity chart available 12,033 Gallons

From
- ☐ Station Chart
- ☐ Tank Manufacturer's Chart
- ☐ Company Engineering Data
- ☑ Charts supplied with Tank Tester
- ☐ Other

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up 0 to ¼" In.

0 Gallons

96 Tank Diameter In.

Total Gallons ea. Reading

Inventory in Tank 12,033

Water Bottom − 0

Top off equipment + 10

Total Quantity 12,043

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

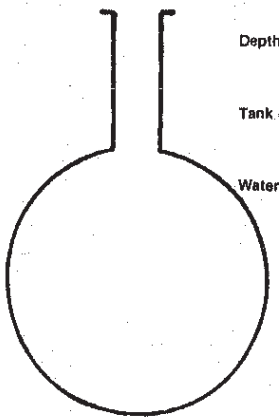
☐ Water in tank ☐ Line(s) being tested with LVLLT ☐ High water table in tank excavation

See manual sections applicable. Check below and record procedure in log (27).

Use maximum allowable test pressure for all tests.
Four pound rule does not apply to doublewalled tanks.

Complete section below:

1. Is four pound rule required? Yes ☐ No ☐
2. Height to 12" mark from grade _____ in.
3. Pressure at bottom of tank _____ P.S.I.
4. Pressure at top of tank _____ P.S.I.



Depth of burial _____ in.

Tank dia. _____ in.

Water table to tank bottom _____ in.

NOTES:

The above calculations are to be used for dry soil conditions to establish a positive pressure advantage, or when using the four pound rule to compensate for the presence of subsurface water in the tank area.

Refer to N.F.P.A. 30, Sections 2-3.2.4 and 2-7.2 and the tank manufacturer regarding allowable system test pressures.

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to grade* _____ in.

Add 30" for "T" probe assy. 30 in.

Total tubing to assemble — approximate _____ in.

20. EXTENSION HOSE SETTING

Tank top to grade* _____ in.

Extend hose on suction tube 6" or more below tank top _____ in.

*If Fill pipe extends above grade, use top of fill.

USE WITH THERMAL SENSOR PN5039 (Blue Box)

22. Thermal-Sensor reading after circulation _____ digits _____ °F Between

23. Digits per °F in range of expected change _____ digits

21. VAPOR RECOVERY SYSTEM ☐ Stage I ☐ Stage II

24b. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product Diesel

Hydrometer Employed 4 H

Temperature in Tank After Circulation 66.312 66.3 °F

Temperature of Sample 64 °F

Difference (+/−) −2.3 −2 °F

Observed A.P.I. Gravity 33.5

Reciprocal 2187 Page # 37

12043 (Total quantity in full tank (17)) × 2187 (Reciprocal) = 5.505663 (Volume change in this tank per °F)

Transfer to Line 26a.

24a. IF USING THERMAL SENSOR DTS-2000 OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26, DIGITS PER °F IN TEST RANGE.

24c. FOR TESTING WITH WATER see Table C & D

Water Temperature after Circulation Table C from Thermal Sensor _____ °F

Coefficient of Water Table D _____

Added Surfactant? ☐ Yes ☐ No Transfer COE to Line 25b.

25. (a) _____ (Total quantity in full tank (17)) × (b) _____ (Coefficient of expansion for involved product) = (c) _____ (Volume change in this tank per °F) gallons

26. (a) 5.505663 (Volume change per °F (25 or 24b)) × 1000 (Digits per °F in test Range (23 or 24a)) = 1005.5066 (Volume change per digit) This is test

LOG OF TEST PROCEDURES			PRESSURE CONTROL		RECORD TO .001 GAL			TEMPERATURE COMPENSATION USE FACTOR (a)			CHANGING EACH READING	ACCUMULATED CHANGE
28. DATE / TIME (24 hr)	Record details of setting up and running test (Use full length of line if needed)	29. Reading No	Standpipe Level in Inches: Beginning of Reading	Level which Restored	32. Product in Graduate: Before Reading	After Reading	33. Product Replaced (-): Product Recovered (+)	35. Thermal Sensor Reading	36. Change Higher + Lower - (c)	37. Computation (c) = (a) + Expansion + Contraction -	Temperature Adjustment: Volume Expansion Contraction (33(V) — 37(T))	Low Level compute Change per Hour (NEPA criteria)
	Set up							Factor A = .0055				
	Toloff											
	START Circulation											
	Take sample				.700			66,312				
	High level	1		42	.700	.710	+.010	330	+18	+.099	-.089	
	"	2		42	.710	.710	+.000	347	+17	+.094	-.094	
	"	3		42	.710	.730	+.020	362	+15	+.083	-.063	
	"	4		42	.730	.755	+.025	377	+15	+.083	-.058	
	"	5		42	.755	.805	+.050	389	+12	+.066	-.016	
	"	6		42	.805	.855	+.050	401	+12	+.066	-.016	
	"	7		42	.855	.905	+.050	411	+10	+.055	-.005	
	"	8		42	.180	.220	+.040	421	+10	+.055	-.015	
	Drop now Level				.280			439				
	Low Level	1		12	.280	.300	+.020	444	+5	+.028	-.008	-.008
		2		12	.300	.320	+.020	449	+5	+.028	-.008	-.016
		3		12	.320	.340	+.020	454	+5	+.028	-.008	-.024
		4		12	.340	.360	+.020	459	+5	+.028	-.008	-.032
		5		12	.360	.380	+.020	464	+5	+.028	-.008	-.040
		6		12	.380	.400	+.020	468	+4	+.022	-.002	-.042
		7		12	.400	.420	+.020	472	+4	+.022	-.002	-.044
		8		12	.420	.435	+.015	477	+5	+.028	-.013	-.057
		9		12	.435	.450	+.015	481	+4	+.022	-.007	-.064
		10		12	.450	.470	+.020	485	+4	+.022	-.002	-.066
		11		12	.470	.485	+.015	488	+3	+.017	-.002	-.068
		12		12	.485	.500	+.015	491	+3	+.017	-.002	-.070
		13		12	.500	.515	+.015	494	+3	+.017	-.002	-.072
		14		12	.515	.530	+.015	498	+4	+.020	-.005	-.077
		15		12	.530	.545	+.015	501	+3	+.017	-.002	-.079
		16		12	.545	.560	+.015	504	+3	+.017	-.002	-.081
		17		12	.560	.575	+.015	507	+3	+.017	-.002	-.083
		18		12	.575	.590	+.015	510	+3	+.017	-.002	-.085
		19		12	.220	.235	+.015	514	+4	+.020	-.005	-.090
		20		12	.235	.250	+.015	517	+3	+.020	-.005	-.095
		21		12	.250	.265	+.015	519	+2	+.011	+.004	-.091
		22		12	.265	.280	+.015	521	+2	+.011	+.004	-.087
		23		12	.280	.295	+.015	523	+2	+.011	+.004	-.083
		24		12	.295	.305	+.010	525	+2	+.011	-.001	-.084
							-.084	÷ 2 =	.042			

P-T Tank Test Data Chart
Additional Info

1. Net Volume Change at Conclusion of Precision Test .042 gph

Signature of Tester: [signature]

Date: 4/11/97

2. Statement:

☑ Tank and product handling system has been tested tight according to the Precision Test Criteria as established by regulatory agency. This is not intended to indicate permission of a leak.

OR

☐ Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by regulatory agency.

OR

☐ Test invalid due to environmental or mechanical factors beyond control of the testing equipment.

It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any reportable pollution to the environment as a result of the indicated failure of this system. The manufacturer of this test method does not assume any responsibility or liability for any loss of product to the environment.

Tank Owner/Operator _____

Date _____

Address No. and Street(s) | City | State | Date of Test

15. TANK TO TEST

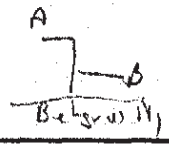
B

Identity by position

Diesel

Brand and Grade

15a. BRIEF DIAGRAM OF TANK FIELD



16. CAPACITY

Nominal Capacity 12000 Gallons

By most accurate capacity chart available 12,033 Gallons

From
- ☐ Station Chart
- ☐ Tank Manufacturer's Chart
- ☐ Company Engineering Data
- ☐ Charts supplied with Tank Tester
- ☐ Other

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up 1/8 in. (to ¼") ____ Gallons 94 in. Tank Diameter

Total Gallons ea. Reading

Inventory in Tank		12,033
Water Bottom	−	10
Top off equipment	+	10
Total Quantity		12033

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

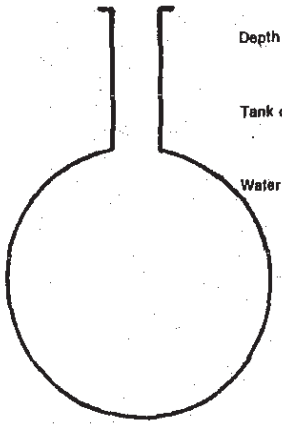
☐ Water in tank ☐ Line(s) being tested with LVLLT ☐ High water table in tank excavation

See manual sections applicable. Check below and record procedure in log (27).

Use maximum allowable test pressure for all tests.
Four pound rule does not apply to doublewalled tanks.

Complete section below:

1. Is four pound rule required? Yes ☐ No ☐
2. Height to 12" mark from bottom of tank ____ in.
3. Pressure at bottom of tank ____ P.S.I.
4. Pressure at top of tank ____ P.S.I.



Depth of burial ____ in.

Tank dia. ____ in.

Water table to tank bottom ____ in.

NOTES:

The above calculations are to be used for dry soil conditions to establish a positive pressure advantage, or when using the four pound rule to compensate for the presence of subsurface water in the tank area.

Refer to N.F.P.A. 30, Sections 2-3.2.4 and 2-7.2 and the tank manufacturer regarding allowable system test pressures.

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to grade* ____ in.

Add 30" for "T" probe assy. 30 in.

Total tubing to assemble — approximate ____ in.

20. EXTENSION HOSE SETTING

Tank top to grade* ____ in.

Extend hose on suction tube 6" or more below tank top ____ in.

*If Fill pipe extends above grade, use top of fill.

USE WITH THERMAL SENSOR PN5039 (Blue Box)

22. Thermal-Sensor reading after circulation ____ digits ____ °F Between

23. Digits per °F in range of expected change ____ digits

24a. IF USING THERMAL SENSOR DTS-2000 OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26, DIGITS PER °F IN TEST RANGE.

21. VAPOR RECOVERY SYSTEM ☐ Stage I ☐ Stage II

24b. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product ..... Dsl

Hydrometer Employed ..... 4 H

Temperature in Tank After Circulation ..... 60.723 60.7 °F

Temperature of Sample ..... 62 °F

Difference (+/−) ..... +1.3 +1.3 °F

Observed A.P.I. Gravity 33.4

Reciprocal 2192 Page # 37

12033 (Total quantity in full tank (17)) × 2192 (Reciprocal) = 5.489502 (Volume change in this tank per °F) Transfer to Line 26a.

24c. FOR TESTING WITH WATER see Table C & D

Water Temperature after Circulation Table C from Thermal Sensor ..... °F

Coefficient of Water Table D .....

Added Surfactant? ☐ Yes ☐ No Transfer COE to Line 25b.

25. (a) ____ (Total quantity in full tank (17)) × (b) ____ (Coefficient of expansion for involved product) = (c) ____ (Volume change in this tank per °F) gallons

26. (a) 5.489502 (Volume change per °F (25 or 24b)) ÷ 1000 (Digits per °F in test) = .0054895 (Volume change per digit) This is

LOG OF TEST PROCEDURES		CONTROL		RECORD TO 001 GAL			USE FACTOR (a)			EACH READING	CALCULATED CHANGE
Record details of setting up and running test (Use full length of line if needed)	29. Reading No	Standpipe Level in Inches: Beginning of Reading	Standpipe Level in Inches: Level to which Restored	32. Product in Graduate: Before Reading	32. Product in Graduate: After Reading	33. Product Replaced (-): Product Recovered (+)	35. Thermal Sensor Reading	36. Change Higher + Lower - (c)	37. Computation (c) = (a) + Expansion + Contraction -	Temperature Adjustment: Volume Minus Expansion (+) + Contraction (-), #33(f) — #37(f)	Level computed per Hour (FPA criteria)
Arrive to T sits							Factor	#=	.0055		
set up											
START Circulation											
Take Sample				.650			60.725				
High Level	1		42	.650	.630	-.020	743	+20	+.110	-.130	
"	2		42	.630	.630	-.000	761	+18	+.099	-.099	
"	3		42	.630	.635	+.005	779	+18	+.099	-.094	
"	4		42	.635	.650	+.015	796	+17	+.094	-.079	
"	5		42	.650	.665	+.015	813	+17	+.094	-.079	
"	6		42	.655	.685	+.030	827	+14	+.077	-.047	
"	7		42	.685	.705	+.020	839	+12	+.066	-.046	
"	8		42	.705	.730	+.025	851	+12	+.066	-.041	
Drop to Low Level				.250			861				
Low Level	1		12	.250	.265	+.015	865	+4	+.022	-.007	-.007
"	2		12	.265	.280	+.015	868	+3	+.017	-.002	-.009
"	3		12	.280	.290	+.010	871	+3	+.017	-.007	-.016
"	4		12	.290	.300	+.010	874	+3	+.017	-.007	-.023
"	5		12	.300	.310	+.010	877	+3	+.017	-.007	-.030
"	6		12	.310	.320	+.010	879	+2	+.011	-.001	-.031
"	7		12	.320	.330	+.010	881	+2	+.011	-.001	-.032
"	8		12	.330	.340	+.010	883	+2	+.011	-.001	-.033
"	9		12	.340	.355	+.015	885	+2	+.011	+.004	-.029
"	10		12	.355	.365	+.010	887	+2	+.011	-.001	-.030
"	11		12	.365	.375	+.010	890	+3	+.017	-.007	-.037
"	12		12	.375	.385	+.010	892	+2	+.011	-.001	-.038
"	13		12	.385	.395	+.010	894	+2	+.011	-.001	-.039
"	14		12	.395	.405	+.010	896	+2	+.011	-.001	-.040
"	15		12	.405	.415	+.010	897	+2	+.011	-.001	-.041
"	16		12	.415	.425	+.010	900	+3	+.017	-.007	-.048
"	17		12	.425	.435	+.010	902	+2	+.011	-.001	-.049
"	18		12	.435	.445	+.010	904	+2	+.011	-.001	-.050
"	19		12	.445	.455	+.010	906	+2	+.011	-.001	-.051
"	20		12	.455	.460	+.005	908	+2	+.011	-.006	-.057
"	21		12	.460	.470	+.010	910	+2	+.011	-.001	-.058
"	22		12	.470	.475	+.005	912	+2	+.011	-.001	-.059
"	23		12	.475	.480	+.005	914	+2	+.011	-.006	-.065
"	24		12	.480	.490	+.010	915	+1	+.006	+.004	-.061
						-.061	+22	-.0305			
							-.031				

P-T Tank Test Data Chart
Additional Info

1. Net Volume Change at Conclusion of Precision Test .031 gph

Signature of Tester: [signature]

Date: 4/11/95

2. Statement:

☑ Tank and product handling system has been tested tight according to the Precision Test Criteria as established by regulatory agency. This is not intended to indicate permission of a leak.

OR

☐ Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by regulatory agency.

OR

☐ Test invalid due to environmental or mechanical factors beyond control of the testing equipment.

It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any reportable pollution to the environment as a result of the indicated failure of this system. The manufacturer of this test method does not assume any responsibility or liability for any loss of product to the environment.

Tank Owner/Operator _____

Date _____

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☑ 7 PERMANENTLY CLOSED SITE ☐ 6 TEMPORARY SITE CLOSURE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
ZACKY FARMS	DABY HUMBERT	
ADDRESS: 900 W. BELGRAVIA	NEAREST CROSS STREET: TEILMAN	PARCEL # (OPTIONAL)
CITY NAME: FRESNO	STATE: CA / ZIP CODE: 93706	SITE PHONE # WITH AREA CODE: (209) 443-2703

✓ BOX TO INDICATE: ☑ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL AGENCY DISTRICTS * ☐ COUNTY AGENCY * ☐ STATE AGENCY * ☐ FEDERAL AGENCY *

* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST: _____

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☑ 5 OTHER	☐	2	

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): HUMBERT, DABY	PHONE # WITH AREA CODE: (209) 443-2703	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST): HUMBERT, DABY	PHONE # WITH AREA CODE: (209) 486-2310	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION			
ZACKY FARMS	DABY HUMBERT			
MAILING OR STREET ADDRESS: 315 N. "H" ST.	✓ box to indicate: ☑ CORPORATION	☐ INDIVIDUAL	☐ PARTNERSHIP	☐ LOCAL AGENCY ☐ COUNTY AGENCY ☐ STATE AGENCY ☐ FEDERAL AGENCY
CITY NAME: FRESNO	STATE: CA	ZIP CODE: 93701	PHONE # WITH AREA CODE: (209) 486-2310	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION			
ZACKY FARMS	DABY HUMBERT			
MAILING OR STREET ADDRESS: 315 N. "H" ST.	✓ box to indicate: ☑ CORPORATION	☐ INDIVIDUAL	☐ PARTNERSHIP	☐ LOCAL AGENCY ☐ COUNTY AGENCY ☐ STATE AGENCY ☐ FEDERAL AGENCY
CITY NAME: FRESNO	STATE: CA	ZIP CODE: 93701	PHONE # WITH AREA CODE: (209) 486-2310	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ]

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☐ 1 SELF-INSURED ☐ 2 GUARANTEE ☑ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 99 OTHER

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☑ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
SEAN VAUGHAN	AGENT	

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☒ ~~7 PERMANENTLY CLOSED ON SITE~~ ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: ZACKY FARMS

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) 1979	D. TANK CAPACITY IN GALLONS: 10,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____
DROP TUBE YES _____ NO _____ STRIKER PLATE YES _____ NO _____ DISPENSER CONTAINMENT YES _____ NO _____

IV. PIPING INFORMATION

CIRCLE **A** IF ABOVE GROUND OR **U** IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 4 FLEXIBLE PIPING A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER _____

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER _____

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 0 GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	DATE
SEAN VAUGHAN AGENT	

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-95)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: ZACKY FARMS

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) 1979	D. TANK CAPACITY IN GALLONS: 15,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☐ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☒ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A (U) 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 4 FLEXIBLE PIPING	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP	
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A (U) 95 UNKNOWN	A U 99 OTHER ___	
D. LEAK DETECTION	☐ 1 MECHANICAL LINE LEAK DETECTOR	☐ 2 LINE TIGHTNESS TESTING	☐ 3 CONTINUOUS INTERSTITIAL MONITORING	☐ 4 ELECTRONIC LINE LEAK DETECTOR	☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER ___

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☒ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING
☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 0 GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	DATE
SEAN VAUGHAN AGENT	

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

File

County of FRESNO

Department of Health

George Bleth
Director

Permit to Operate
An Underground Storage Tank

Fresno County Department of Health
Environmental Health System
P.O. Box 11867
Fresno, CA 93775
209-445-3271

UNDERGROUND STORAGE TANK OWNER (Permittee)			
Name:	Zacky Farms		
Mailing Address:	P.O. Box 12556		
City:	Fresno	State: CA	Zip: 93778
UNDERGROUND STORAGE TANK OPERATOR			
DBA:	Zacky Farms - Chicken Plant		
Site Address:	900 W. Belgravia		
City:	Fresno	State: CA	Zip: 93706
Operator Name:	Zacky Farms (John Ross)	Phone: (209) 486-2310	
Expiration Date:	4/12/98	Permit #: 86270	

This permit is issued to the owner listed above and is pursuant to the provisions set forth in the Fresno County Ordinance Code, Title 8, Chapter 8.6, and the California Health and Safety Code, Chapter 6.7 of Division 20. This permit is conditioned on continuous compliance and may be revoked at any time. This permit is valid for the following underground storage tank systems.

Number	Size	Piping Type	Contents
86270-1	12,000	Suction	Diesel
86270-2	12,000	Suction	Diesel

PERMIT CONDITIONS

1. This permit shall be posted at the facility site.

2. The permittee shall report to the Department within 30 days after any changes in the usage of any underground storage tank(s).

3. The permittee shall report to the Department any unauthorized release occurrences.

1221 Fulton Mall/P. O. Box 11867/Fresno, California 93775/Phone (209) _____
Equal Employment Opportunity — Affirmative Action — Handicap Employer

4. The permittee shall notify the Department of any change of operator.

5. Written records of all monitoring performed shall be maintained on-site by the operator for a period of at least three years.

6. Underground storage tank testing shall be performed annually.

7. Inventory reconciliation shall be performed daily, and/or tank gauging shall be performed weekly. Annual summary reports shall be submitted to the Department.

8. All pressurized pipelines shall be monitored using an automatic on-line pressure loss detector and flow restriction device.

9. All pressurized piping shall be tested annually.

10. All suction piping shall be tested at least every three years at a pressure specified by the product manufacturer.

11. Annual fees must be paid

12. The permittee must meet all Federal/State financial responsibility requirements.

13. All equipment and devices used to monitor the tank shall be installed, calibrated, operated, and maintained in accordance with the manufacturers instructions, including routine maintenance and service checks (at least once per calendar year) for operability and running condition.

14. The owner shall provide a copy of the permit to the operator and enter into a written contract with the operator which requires the operator to monitor the tank system as set forth in this permit.

15. This permit is valid for five years provided all above conditions are met.

Permit Issued By:

Christopher Brown

Christopher Brown
Environmental Health Analyst
Environmental Health System

4/12/93
Date Issued

CB:sja

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [X] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY SITE CLOSURE [ ] 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: Zacky Farms - Chicken Plant
NAME OF OPERATOR: Zacky Farms / John Ross
ADDRESS: 900 W. Belgravia
NEAREST CROSS STREET: Fruit
PARCEL # (OPTIONAL):
CITY NAME: Fresno
STATE: CA
ZIP CODE: 93706
SITE PHONE # WITH AREA CODE: 209-486-2310

✓ BOX TO INDICATE: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY DISTRICTS [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY

TYPE OF BUSINESS: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [X] 5 OTHER
[ ] ✓ IF INDIAN RESERVATION OR TRUST LANDS
OF TANKS AT SITE: 2
E. P. A. I. D. # (optional):

EMERGENCY CONTACT PERSON (PRIMARY)
DAYS: NAME (LAST, FIRST): Ross, John
PHONE # WITH AREA CODE: 209-486-2310
NIGHTS: NAME (LAST, FIRST): Ross, John
PHONE # WITH AREA CODE: 209-971-1625

EMERGENCY CONTACT PERSON (SECONDARY) - optional
DAYS: NAME (LAST, FIRST): Quigley, Mike
PHONE # WITH AREA CODE: 209-486-2310
NIGHTS: NAME (LAST, FIRST): Quigley, Mike
PHONE # WITH AREA CODE: 209-244-7111

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: Zacky Farms
CARE OF ADDRESS INFORMATION: Safety Department
MAILING OR STREET ADDRESS: PO Box 12556
✓ box to indicate: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Fresno
STATE: CA
ZIP CODE: 93778
PHONE # WITH AREA CODE: 209-486-2310

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: Same as Site
CARE OF ADDRESS INFORMATION:
MAILING OR STREET ADDRESS:
✓ box to indicate: [X] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [ ] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME:
STATE:
ZIP CODE:
PHONE # WITH AREA CODE:

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ 44-003484

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: [ ] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [X] 99 OTHER State Fund

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. [ ] II. [X] III. [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): [signature]
APPLICANT'S TITLE: President
DATE MONTH/DAY/YEAR: 12/21/92

LOCAL AGENCY USE ONLY

COUNTY #: 10
JURISDICTION #: 000
FACILITY #: 004090
LOCATION CODE - *OPTIONAL*
CENSUS TRACT # - *OPTIONAL*: 9
SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (12-91) FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FOR0033A-R6

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [X] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [X] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Zacky Farms - Chicken Plant (Boiler)

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # None	B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR) Appx. 10-79	D. TANK CAPACITY IN GALLONS: 12000 Gal

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [X] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [X] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [X] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [ ] 1 DOUBLE WALL [X] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [X] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [ ] 6 UNLINED [X] 95 UNKNOWN [ ] 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A (U) 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [ ] 1 AUTOMATIC LINE LEAK DETECTOR [X] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [X] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [X] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [ ]
N/A		

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Jeffrey Frederick, Transp. Mgr.	12/21/92

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	10	060	004090	000001

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R5

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: [ ] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [X] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY TANK CLOSURE [ ] 7 PERMANENTLY CLOSED ON SITE [ ] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Zacky Farms - Chicken Plant (Fuel Island)

I. TANK DESCRIPTION
COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #: None
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Apox. 10-79
D. TANK CAPACITY IN GALLONS: 12000 Gal

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. [X] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [X] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 2 LEADED [X] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED: C. A. S. # :

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: [ ] 1 DOUBLE WALL [ ] 2 SINGLE WALL [ ] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 95 UNKNOWN [ ] 99 OTHER

B. TANK MATERIAL (Primary Tank): [ ] 1 BARE STEEL [ ] 2 STAINLESS STEEL [ ] 3 FIBERGLASS [ ] 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC [ ] 5 CONCRETE [ ] 6 POLYVINYL CHLORIDE [ ] 7 ALUMINUM [ ] 8 100% METHANOL COMPATIBLE W/FRP [ ] 9 BRONZE [ ] 10 GALVANIZED STEEL [X] 95 UNKNOWN [ ] 99 OTHER

C. INTERIOR LINING: [ ] 1 RUBBER LINED [ ] 2 ALKYD LINING [ ] 3 EPOXY LINING [ ] 4 PHENOLIC LINING [ ] 5 GLASS LINING [ ] 6 UNLINED [X] 95 UNKNOWN [ ] 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A (U) 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: [ ] 1 AUTOMATIC LINE LEAK DETECTOR [X] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [X] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [X] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR): N/A
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [ ]

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE): Jeffrey Frederick, Transp. Mgr
DATE: 12/21/92

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#: COUNTY # 10 | JURISDICTION # 000 | FACILITY # 004090 | TANK # 000002

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

FORM B (7-91) THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

FOR0034B-R5

STATE OF CALIFORNI . WATER RESOURCES CONTRO BOARD

FORM 'A':

SITE UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

NO. 13236

MARK ONLY ONE ITEM							
	☑ 1 NEW PERMIT	☐ 3 RENEWAL PERMIT	☐ 5 CHANGE OF INFORMATION	☐ 7 PERMANENTLY CLOSED SITE
	☐ 2 INTERIM PERMIT	☐ 4 AMENDED PERMIT	☐ 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME	CARE OF ADDRESS INFORMATION	
Lucky Stars.		
ADDRESS: 900 N Petaluma.	NEAREST CROSS STREET	☑ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: Santa.	STATE: CA / ZIP CODE: 9501 / SITE PHONE #, WITH AREA CODE: (707) 486-2310	
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☑ 5 OTHER	☑ Box if INDIAN RESERVATION or TRUST LANDS ☐	EPA ID # / # of TANK's AT THIS SITE: 2

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY)
DAYS: NAME (LAST, FIRST): Terri Smith (707) 486-2310 / PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST) / PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST) / PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST) / PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: Same.	CARE OF ADDRESS INFORMATION	
MAILING or STREET ADDRESS	☑ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME	STATE / ZIP CODE / PHONE #, WITH AREA CODE	

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: Same.	CARE OF ADDRESS INFORMATION	
MAILING or STREET ADDRESS	☑ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME	STATE / ZIP CODE / PHONE #, WITH AREA CODE	

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I. ☑ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE
10				2

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
26210.		

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE	
LOCATION CODE	CENSUS TRACT # 9.	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES ☐ NO ☐ / DATE FILED

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

FILE COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY ONE ITEM
- [✓] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [ ] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Lacky Farms · **FARM TANK - YES** [✓] **NO** [ ]

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # Unknown	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED 1961	D. TANK CAPACITY IN GALLONS: 12 000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [✓] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [ ] 5 HAZARDOUS
- [ ] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [✓] 1 PRODUCT
- [ ] 2 WASTE

C.
- [ ] 1 UNLEADED
- [ ] 2 LEADED
- [✓] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # — C.A.S. #:

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [✓] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [ ] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [✓] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [ ] 6 UNLINED
- [✓] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [ ] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [ ] 91 NONE
- [✓] 95 UNKNOWN
- [ ] 99 OTHER

IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A (U) 95 UNKNOWN A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A (U) 95 UNKNOWN A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP	
	A U 9 GALVANIZED STEEL	A (U) 95 UNKNOWN	A U 99 OTHER		

V. LEAK DETECTION SYSTEM — CIRCLE **P** FOR PRIMARY, OR **S** FOR SECONDARY, **A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

P S 1 VISUAL CHECK — P S 2 INVENTORY RECONCILIATION — P S 3 VADOSE WELLS — P S 4 ELECTRONIC MONITOR — P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING — P S 7 PRESSURE TESTING — P S 91 NONE — P S 95 UNKNOWN — P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? [ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #
1 0				

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
8670	Tom Christofk	(209) 445-2211

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (6-29-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

FILE COPY

No. 25532

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

NO 25933

MARK ONLY ONE ITEM

- [x] 1 NEW PERMIT
- [ ] 2 INTERIM PERMIT
- [ ] 3 RENEWAL PERMIT
- [ ] 4 AMENDED PERMIT
- [ ] 5 CHANGE OF INFORMATION
- [ ] 6 TEMPORARY TANK CLOSURE
- [ ] 7 PERMANENTLY CLOSED TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Leahy Farms — FARM TANK - YES [x] NO [ ]

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # Unknown	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED Unknown	D. TANK CAPACITY IN GALLONS: 12 000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- [x] 1 MOTOR VEHICLE FUEL
- [ ] 2 PETROLEUM
- [ ] 3 CHEMICAL PRODUCT
- [ ] 4 OIL
- [ ] 5 HAZARDOUS
- [ ] 80 EMPTY
- [ ] 95 UNKNOWN

B.
- [x] 1 PRODUCT
- [ ] 2 WASTE

C.
- [ ] 1 UNLEADED
- [ ] 2 LEADED
- [x] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # — C.A.S. #:

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [x] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [ ] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [x] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [ ] 6 UNLINED
- [x] 95 UNKNOWN
- [ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [ ] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [ ] 91 NONE
- [x] 95 UNKNOWN
- [ ] 99 OTHER

IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A (U) 95 UNKNOWN A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP	
	A U 9 GALVANIZED STEEL	A (U) 95 UNKNOWN	A U 99 OTHER		

V. LEAK DETECTION SYSTEM — CIRCLE **P** FOR PRIMARY, OR **S** FOR SECONDARY, **A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

P (S) 1 VISUAL CHECK — P S 2 INVENTORY RECONCILIATION — P S 3 VADOSE WELLS — P S 4 ELECTRONIC MONITOR — P S 5 GROUND WATER MONITORING WELLS
P (S) 6 PRECISION TESTING — P S 7 PRESSURE TESTING — P S 91 NONE — P S 95 UNKNOWN — P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL?
		[ ] YES [ ] NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #
10				

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
86570	Lauren Satterlund	(209) 445-3271

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (6-29-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

FILE COPY

ATTACHMENT A

State of California
State Water Resources Control Board

For Regulatory Agency Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

[ ] 500,000 dollars per occurrence or [XXX] 1 million dollars per occurrence AND [XX] 1 million dollars annual aggregate or [ ] 2 million dollars annual aggregate

B. ZACKY FARMS *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp.
FUND	—	—	990,000	Continuing	Yes	Yes

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
El Dorado Chicken Ranches 1, 2, & 3	1224 South El Dorado Tranquility, CA
Jameson Chicken Ranches 1 & 2	8255 Jameson Avenue Fresno, CA
East Avenue Turkey Plant (2)	2222 So. East Avenue Fresno, CA
Thorne Avenue Truck Maintenance Yard (3)	190 No. Thorne Avenue Fresno, CA
Fresno Chicken Processing Plant (2)	900 West Belgravia Avenue Fresno, CA

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
ZACKY FARMS By:	1/1/94	ZACKY FARMS
Signature of Witness or Notary	Date	Name of Witness or Notary
	1-4-94	

CFR(04/92) FILE: Original – Local Agency Copies – Facility Site(s)

ASR Engineering

Geotechnical-Environmental

January 6, 1999

RECEIVED
JAN 08 1999
DEPARTMENT OF COMMUNITY HEALTH
ENVIRONMENTAL HEALTH SYSTEM

Job No. 9815032

Mr. Jack Mendrin
West Star Environmental Inc.
4688 W. Jennifer, Suite 101
Fresno, CA 93722

Subject: **Soil Sampling and Chemical Analyses Report**
Underground Storage Tank Site
Zacky Farms
900 W. Belgravia Avenue
Fresno, California

Dear Mr. Mendrin:

At your request, ASR Engineering (ASR) has prepared this Report of Soil Sampling and Chemical Analyses following removal of two underground storage tank (USTs) from the subject property located at 900 W. Belgravia Avenue in Fresno, California.

SCOPE OF SERVICES

The scope of services provided by ASR included:

- Observing the physical conditions and measuring dimensions of the USTs and tank excavations.
- Collecting confirmation soil samples from beneath the USTs.
- Submitting the collected soil samples to a State Certified analytical laboratory for chemical analyses.
- Preparing this report.

PROJECT DESCRIPTION

The project involved removal of one 15,000-gallon diesel UST (T-1) and one 12,000-gallon diesel UST (T-2) from the subject property by West Star Environmental Inc. (West Star). UST T-1 was located near the north-central portion of the site adjacent to and to the southwest of an existing Boiler Room (see Figure 1, Sampling Location Plan). UST T-2 was located near the south-central portion of the site and was provided with a canopy (see Figure 2, Sampling Location Plan).

EXCAVATION CONFIGURATION AND UST DIMENSIONS

Excavation for removal of the UST T-1 was about 40 feet long, about 14 feet wide and about 12 feet deep. Excavation for removal of the UST T-2 was about 38 feet long, about 14 feet wide and about 11 feet deep. Table 1 presents the dimensions, depth, capacity, and product content of the USTs.

TABLE 1. TANK DIMENSIONS AND PRODUCT CONTENT

Tank Number	Contents	Diameter, Feet	Length, Feet	Volume, Gallons	Depth, Feet*
T-1	Diesel	9.5	29	15,000	12
T-2	Diesel	8	32	12,000	11

* Depth below adjacent grade to the bottom of tank.

SOIL SAMPLING, SAMPLE HANDLING AND TRANSPORT

Following excavation of the tanks, two confirmation soil samples were collected, for chemical analyses, from beneath UST T-1 and three confirmation soil samples were collected from beneath UST T-2. The soil samples were collected from a depth of about 3 feet beneath the bottom of the USTs from the approximate locations recommended by Ms. Lea Spann, Environmental Health Analyst with the Fresno County Health Service Agency (FCHSA). The soil samples were collected from the excavator bucket by pushing 2-inch by 6-inch brass or stainless steel tubes into the soil. The sampling locations are shown on Figures 1 and 2, Sampling Location Plans.

The soil samples were stored on-site, in an ice chest, and kept cool with "Blue-ice." The samples were transported, on the day of sampling, to BSK Analytical Laboratory (a CAL/EPA

Department of Toxic Substance Control certified laboratory) in Fresno, California. Proper chain-of-custody protocol was maintained throughout the transfer.

The retained soil samples were labeled. The labels included the following information:

- Sample Number
- Project Number
- Sampling Date
- Sampling Time
- Name of Sampling Personnel

SAMPLING TIME AND DATE

The soil samples were collected between 12:05 P.M. and 1:13 P.M. on November 23, 1998, and were submitted to the analytical laboratory at 2:09 P.M. on the day of sampling.

SAMPLE CHAIN-OF-CUSTODY

The soil samples were accompanied to the analytical laboratory by a chain-of-custody form. Chain-of-custody form was initiated at the time of sampling. Duplicate chain-of-custody form was placed in the project file. Chain-of-custody documentation included the following information:

- Name of sampler.
- Sample I.D. number.
- Time of sample acquisition.
- Requested analyses.
- Remarks as warranted.
- Signatures, times and dates of custody transfer.

Sampling personnel were responsible for the protection and custody of the samples until they were relinquished. When samples custody was transferred, the respective individuals relinquishing and receiving the samples signed, dated, and recorded the time on the chain-of-custody form.

LABORATORY ANALYSES

As recommended by Ms. Spann, the collected soil samples were analyzed for Total Petroleum Hydrocarbons as Diesel (TPH-D). Chemical analyses data are attached to this report. The data indicate that TPH-D was not detected in the soil samples.

OBSERVATION OF TANK AND EXCAVATION CONDITIONS

The USTs backfill soil was excavated and West Star, prior to arrival of ASR to the site, had exposed the USTs. Subsurface soils, to the excavated depths at both locations, predominantly comprise tan and gray clayey sand. Visual observations did not revealed significant indications of hydrocarbon impairment beneath the USTs. The USTs appeared to be in good condition. Moderate rusting was apparent on their exterior surfaces.

LIMITATIONS

This report has been prepared in accordance with the generally accepted standards of environmental practice in the area at the time the USTs excavation was performed. No soil engineering or environmental implications are stated or should be inferred. Evaluation of the conditions at the site is made from a limited sampling points. Subsurface conditions may vary away from the sampling locations. The report does not reflect variation away from the sampling points.

CLOSURE

We appreciate the opportunity to assist you with this project. Should you have questions or need additional information, please contact the undersigned at (559) 227-7600.

Respectfully submitted,
ASR Engineering

A. Saboor Rahim, Ph.D., C.E., G.E.

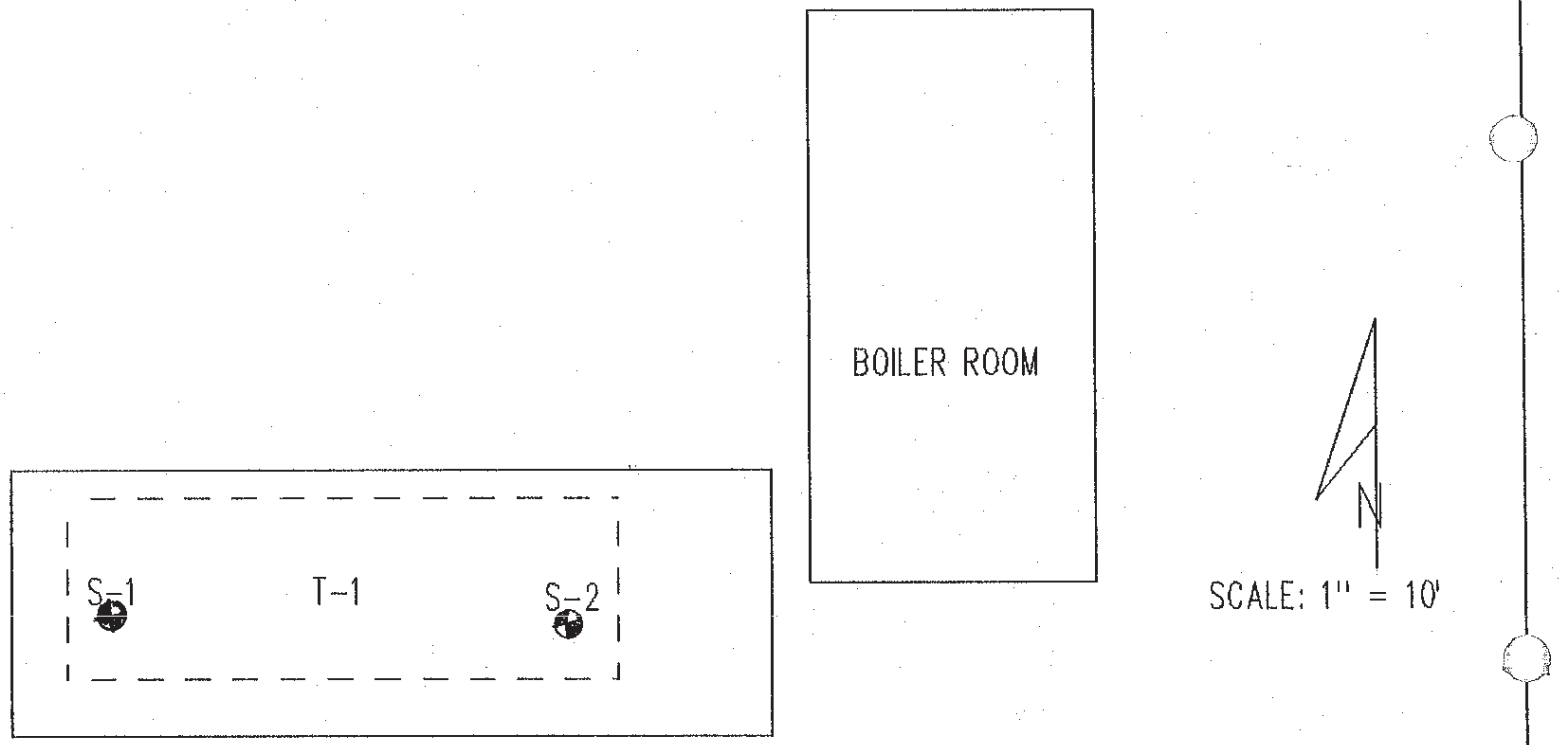


Distribution: West Star Environmental Inc. (3 copies)

Re.: asr\psa\rpt\9815032

JOB NO. 9815032
JANUARY 1999
FIGURE 1

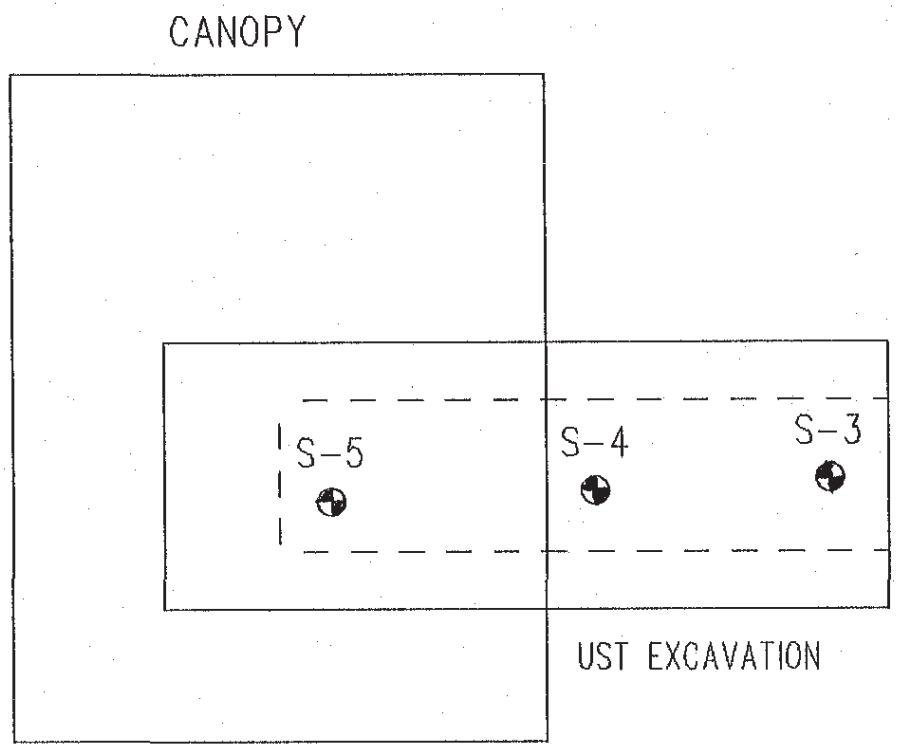
LEGEND:
S-1
◓ = APPROXIMATE LOCATION OF CONFIRMATION SAMPLE NO. 1
T-1 = APPROXIMATE LOCATION OF TANK NO. 1



ASR Engineering

SAMPLING LOCATION PLAN
UNDERGROUND STORAGE TANK SITE
ZACKY FARMS
900 W. BELGRAVIA AVE.
FRESNO, CALIFORNIA

JOB NO. 9815032
JANUARY 1999
FIGURE 2



LEGEND:
S-3
● = APPROXIMATE LOCATION OF CONFIRMATION SAMPLE NO. 3
T-2 = APPROXIMATE LOCATION OF TANK NO. 2

ASR Engineering

SAMPLING LOCATION PLAN
UNDERGROUND STORAGE TANK SITE
ZACKY FARMS
900 W. BELGRAVIA AVE.
FRESNO, CALIFORNIA

Chemical Analyses Data

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Jack Mendrin
West Star Environmental
4688 West Jennifer #101
Fresno, CA 93722-6418

Report Issue Date : 01/05/99

Sample Date : 11/23/98
Sample Time : 12:14
Sample Type : SOLID

Submission Number : 9811000533
Lab Number : 87353
Project Number : 9815032
Project Desc. : Zacky Farms
Sample Description : S-2, T-1 @ 15'

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	11/24/98	11/24/98	ND	mg/Kg	2	1	2

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit
Dil : Dilution Factor
DLR : Reportable Detection Limit derived by (PQL x Dil)
Higher limits may result from exceptional sample matrices or interferences

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Jack Mendrin
West Star Environmental
4688 West Jennifer #101
Fresno, CA 93722-6418

Report Issue Date : 01/05/99

Sample Date : 11/23/98
Sample Time : 12:05
Sample Type : SOLID

Submission Number : 9811000533
Lab Number : 87351
Project Number : 9815032
Project Desc. : Zacky Farms
Sample Description : S-1, T-1 @ 15'

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	11/24/98	11/24/98	ND	mg/Kg	2	1	2

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit
Dil : Dilution Factor
DLR : Reportable Detection Limit derived by (PQL x Dil)
Higher limits may result from exceptional sample matrices or interferences

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Jack Mendrin
West Star Environmental
4688 West Jennifer #101
Fresno, CA 93722-6418

Report Issue Date : 01/05/99

Sample Date : 11/23/98
Sample Time : 12:58
Sample Type : SOLID

Submission Number : 9811000533
Lab Number : 87354
Project Number : 9815032
Project Desc. : Zacky Farms
Sample Description : S-3, T-2 @ 14'

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	11/24/98	11/24/98	ND	mg/Kg	2	1	2

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit
Dil : Dilution Factor
DLR : Reportable Detection Limit derived by (PQL x Dil)
Higher limits may result from exceptional sample matrices or interferences

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Jack Mendrin
West Star Environmental
4688 West Jennifer #101
Fresno, CA 93722-6418

Report Issue Date : 01/05/99

Sample Date : 11/23/98
Sample Time : 13:03
Sample Type : SOLID

Submission Number : 9811000533
Lab Number : 87356
Project Number : 9815032
Project Desc. : Zacky Farms
Sample Description : S-4, T-2 @ 14'

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	11/24/98	11/24/98	ND	mg/Kg	2	1	2

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit
Dil : Dilution Factor
DLR : Reportable Detection Limit derived by (PQL x Dil)
Higher limits may result from exceptional sample matrices or interferences

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

Certificate of Analysis

Jack Mendrin
West Star Environmental
4688 West Jennifer #101
Fresno, CA 93722-6418

Report Issue Date : 01/05/99

Sample Date : 11/23/98
Sample Time : 13:13
Sample Type : SOLID

Submission Number : 9811000533
Lab Number : 87358
Project Number : 9815032
Project Desc. : Zacky Farms
Sample Description : S-5, T-2 @ 14'

BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	11/24/98	11/24/98	ND	mg/Kg	2	1	2

ND : None Detected
mg/L : Milligrams/Liter = ppm
µg/L : Micrograms/Liter = ppb
mg/kg : Milligrams/Kilogram = ppm
µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit
Dil : Dilution Factor
DLR : Reportable Detection Limit derived by (PQL x Dil)
Higher limits may result from exceptional sample matrices or interferences

Conversions:
1 ppm = 1000 ppb
1 ppb = 0.001 ppm

BSK ANALYTICAL LABORATORIES

1414 Stanislaus Street Fresno, CA 93706-1623
(209) 497-2888, 800 877-8310 (209) FAX 485-6935

BSK Submission #: 9811/533

Analyses Request Chain of Custody

Requested Analyses

Client Name: West Star Environmental	Report Attention: Jack Mendrix	Phone #: 277-9378
Address: Zacky Farms	Project, Quote or PO #: 9815032	FAX #: 277-0106
City, State, Zip:	Copy to: A. Saboor Rahim	System #:

LAB use only: Sample #	Type	# Cont.	Date Sampled	Time Sampled	Sampled by: Sample Description/Location	Comment or Station Code	TPH-D
			11/23/98	12:05	S-1, T-1 @ 15'		✓
			↓	12:14	S-2, T-1 @ 15'		✓
				12:58	S-3, T-2 @ 14'		✓
			↓	13:03	S-4, T-2 @ 14'		✓
			11/23/98	13:13	S-5, T-2 @ 14'		✓

Matrix Type: L - Liquid S - Solid G - Gas
Type of Hazards Associated with Samples:

Additional Services:
Rush Priority: [ ] - 2 Day [ ] - 5 Day
[ ] - QC Data package: Level II, III or IV (circle one)
[ ] - Formal Chain of Custody

Additional Services Authorized by:

(Signature)

Payment Received with Delivery
Date: _____ Amount: $ _____
Check # _____ Initials _____
Receipt # _____

Signature	Print Name	Company	Date	Time
Received / Relinquished by: [signature]	A. Saboor Rahim	ASR Engineering	11/23/98	14:09
Received / Relinquished by:				
Received / Relinquished by:				
Received for Laboratory by: Sandy Bonon	Sandy Bonon	BSK Lab	11/23/98	1410

Notice: Payment for services rendered as noted herein are due in full within 30 days from when invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service/re-billing charges and interest calculated at 1 1/2% per month, 18% per annum. BSK & Associates shall be entitled to recover on delinquent accounts, costs of collections, including attorneys' fees incurred prior to or in litigation whether concluded by judgment, settlement, compromise, or otherwise. The person signing for the Client/Company expressly acknowledges that they are either the Client or authorized agent of the Client.

WEST STAR
ENVIRONMENTAL INC.
4688 W. Jennifer, Suite 101, Fresno, CA 93722
(209) 277-9378 / Fax (209) 277-0106
License No. 605142 A-Haz

FAX COVER LETTER

DATE: 2-16-99

TO: Leah Spain

COMPANY: F.C. EHD

FAX NO: 445-3301

FROM: Debbie P ext. 3002

NUMBER OF PAGES (INCLUDES COVER SHEET): 3

REFERENCE: Leah, you asked for tank disposition from Joe Belgaria, here is a signed one. If any further questions, pls call. Thank you.

TIME SENT: 10:25 Am

SENDER: D.P.

State of California - Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch, writer.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

98023690

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982467714 Manifest Document No. 23690
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: ZACKY FARMS PROCESSING, 900 W. BELGRAVIA, FRESNO, CA. 93706

A. State Manifest Document Number: 98023690

4. Generator's Phone (209) 443-6680

5. Transporter 1 Company Name: ALL VALLEY ENVIRONMENTAL, INC.
6. US EPA ID Number: CAL000160729

C. State Transporter's ID

D. Transporter's Phone: 209 498 5378

7. Transporter 2 Company Name
8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: INDUSTRIAL SERVICE OIL CO., 1700 S. SOTO, LOS ANGELES, CA 90023
10. US EPA ID Number: CAD099452708

G. State Facility's ID: CAD099452708

H. Facility's Phone: 1-800-[illegible]

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
a. NON-RCRA HAZARDOUS WASTE LIQUID N.O.S.	001	TT	00583	G	State / EPA/Other
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: 11 A WASTE PETROLEUM OILS WITH WATER

K. Handling Codes for Wastes Listed Above: 01

15. Special Handling Instructions and Additional Information

WEAR PROTECTIVE CLOTHING
ERG 27

24 HOUR EMERGENCY
CONTACT 1-800-424-9300
CHEMTREC

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Jack Mendes (Owner Agent)	Jack Mendes (Owner Agent)	11	23	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
David Moorhead	[signature]	11	23	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700-22

Yellow: GENERATOR RETAINS

WEST STAR
ENVIRONMENTAL INC.
4688 W. Jennifer, Suite 101, Fresno, CA 93722
(559) 277-9378 / Fax (559) 277-0106
License No. 605142 A-Haz

April 9, 1999

Fresno County Environmental Health Dept.
P.O. Box 11867
Fresno, Calif. 11867

Atten : Leah Spaan

RE: WSE98041
Tank Disposition
Zacky Farms
900 W. Belgravia
Fresno, Ca.

The property located at 2510 Whitesbridge in Fresno is zoned commercially M-1. We are currently leasing this yard as a storage facility.

The 12,000 gallon tank from Zacky Farms, 900 W. Belgravia was taken to this facility and is being stored indefinitely. Tanks that are in fairly good condition and if re-useable might be re-conditioned and could go to another facility and be used as an above-ground storage tank. These tanks and their number would be kept track of in our Tank Log Book.

The tanks that are in poor condition, pitted, or corroded will be cut up for scrap metal and disposed of at a recycling facility such as Levi's or Heppners.

The 15,000 gallon tank that was removed went to West Coast Equipment, please see the attached documentation.

If you have any further questions, please call me at (559) 277-9378 ext. 3006.

Respectfully,

Jack Mendrin
Owner

THE COUNTY OF FRESNO 1856

Human Services System
Community Health Department
Gary M. Carozza, Director

Adult Services Department
Children & Family Services Department
Employment & Temporary Assistance Department

Fax Cover Sheet

Company Name: West Star

Contact Name: Debbie / Jack

Fax Number: (559) 277-0106

Sender's Name: Lea

Sender's Phone Number: 445-3271

Special Instructions/Message: I received the attached letter, however please provide more info. What is 230 Whitesbridge? Is that a metal recycling company? Is it vacant & Weststar is going to purchase it for the sole purpose of disposing of tanks? The address alone doesn't mean anything. Also, are all the tanks being removed by your company going to be stored here or only some? Will they be stored there indefinitely or only a short amount of time?

Note: What happened to the other Zacky tank (from 900 W. Belgravia) I need documentation for that one also. *

Number of Pages Including Cover: 2

Date Sent: 4/5/99

* I have been asking for this since Jan.

1221 Fulton Mall / P.O. Box 11867 / Fresno, California 93775 / (209) 445-3271 FAX (209) 445-3301

Equal Employment Opportunity • Affirmative Action • Disabled Employer

WEST STAR
ENVIRONMENTAL INC.
4688 W. Jennifer, Suite 101, Fresno, CA 93722
(559) 277-9378 / Fax (559) 277-0106
License No. 605142 A-Haz

March 30, 1999

Fresno County Environmental Health Dept.
P.O. Box 11867
Fresno, Calif. 11867

Atten : Leah Spaan

RE: WSE98041
Zacky Farms
900 W. Belgravia
Fresno, Ca.

Tank disposition for the 12,000 Gallon removed from the Zacky site at 900 W. Belgravia by West Star Environmental taken to and being stored at 2510 Whitesbridge in Fresno. This property is zoned M-1.

If you have any further questions, please call me at (559) 277-9378 ext. 3006.

Respectfully,
Jack Mendrin
Owner

WEST COAST EQUIPMENT

Tanks - Dairy Construction

P.O. BOX 2368 • TURLOCK, CA 95381
209 / 668-WEST (668-9378)
888 / 866-8265 • FAX 209 / 668-9382

INVOICE NO. 450

DATE 1-14-99

SOLD TO

NAME West Star Environmental Inc.

STREET 4688 W. Jennifer, Suite 101

CITY Fresno STATE Ca. ZIP 93722 PHONE 277-9378

Cell Phone 994-8903 277-0106

DESCRIPTION	PRICE
TANK RECEIVED	
Pulled from:	
Zacky Farms	
900 Belgravia	
Fresno, Ca.	
1- 15,000 Gallon Used Liquid Storage Tank.	
MATERIAL TOTAL	

This is an offer to furnish the items upon the terms and conditions herein named. Offer contingent upon strikes, accidents, fire, availability of materials and other causes beyond control of seller. When goods made to buyers specifications, buyer assumes all liability for patent infringement. Unless otherwise stated, terms shall be cash, FOB Turlock, California. If terms are to be other than cash, selling price, down payment with order, amount payable on delivery, carrying charges and balance to be financed and payments shall be agreed to by seller before acceptance binding upon seller. Title and ownership to goods shall remain with seller until entire purchase price is paid in full in cash, and if possession passes to buyer, buyer assumes risk and liability for damages to, or loss of, said property from any cause whatsoever, and buyer agrees if said goods are repossessed, all payments, shall be retained by seller. Buyer agrees to pay any expenses incurred by seller to enforce the terms hereof, whether by court action, or otherwise, or to enforce any right given by law, including reasonable attorney fees. If purchaser is a corporation, state legal name of corporation, state of incorporation, and names and addresses of President, Secretary, Treasurer and Manager thereof. If a Co-Partnership, state full names of firm and also names and addresses of the individual Partners comprising the firm. If an individual state complete name and residence address.

LABOR	Load 1- 15,000 gallon tank in Fresno and bring back to our Turlock Yard.	
	LABOR TOTAL	N/C
	SALES TAX	
X SIGNATURE	LOUIE SALES PERSON	TOTAL N/C

TITLE TO GOODS PASSES PRIOR TO DELIVERY

...O PRINTING SPECIALTIES

OFFICIAL INSPECTION REPORT

FRESNO COUNTY HEALTH SERVICES AGENCY - COMMUNITY HEALTH DEPARTMENT
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall - (209) 445-3357

Facility: Zacky
Date: 11/25/98
Location: 900 W. Belgravia
Record ID #: PR 031183
Mailing Address:
Census Tract: 9
Owner/Operator: Zacky
Phone: Phillips pager #: 971-5299

Program: 6300 ☐ ROUTINE ☐ REINSPECTION ☐ COMPLAINT ☐ CONSTRUCTION ☐

VIOLATIONS LISTED BELOW SHALL BE CORRECTED WITHIN ___ DAYS / *IMMEDIATELY

An inspection was done to witness abandoning/slurrying the pipe, follow-up to tank removal conducted 11/23/98.

The following was observed:

- vent pipe had been slurried
- product & return line were pressurized to 20 psi. Pressure held for 20 min or more, according to Phillip its been holding since yesterday
Will slurry pipe this afternoon (must be done manually)

11/25/98 PRODUCT + Return Lines slurried -- EY

Received By: [signature]
Analyst: Lea Spann
REINSPECTION DATE: [signature]
Reset Date:

NOTICE: REINSPECTION FEES WILL BE CHARGED IF MULTIPLE REINSPECTIONS BECOME NECESSARY DUE TO UNCORRECTED VIOLATIONS

( ) **INTERIM PERMIT TO OPERATE** VALID FOR 90 DAYS. Authorized by: _____

( ) Building permits are required for correction of these items and can be obtained at the location shown on the back of this report. Corrections will not be approved until permits are finaled.

Original: Office/File (Rev. 10/93)

UNDERGROUND STORAGE TANK ABANDONMENT INSPECTION REPORT

FRESNO COUNTY DEPARTMENT OF HEALTH-ENVIRONMENTAL HEALTH SYSTEM
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall--(209)445-3271

Site Information Date 11/23/98

Facility Zacky Farms Site I.D. 169100 PR#: 031183

Address 900 W. Belgravia City Fresno Zip 93728

Tank Information Abandonment in place ____ Removal X

Tank#/size: 1. 6033 / 15K 2. 6034 / 10K diesel 3. ____/____ 4. ____/____ 5. ____/____ 6. ____/____

Inspection Information	Y/N	Inspection Information	Y/N
Tank(s) completely emptied	Y	Groundwater/Product in excavation(circle one)	N
Tank(s) cleaned and waste manifested 98023690	Y	Approved abandonment in place	N/A
Tank(s) properly purged/LEL below 5%	Y	A & B forms completed and submitted	Y
All piping removed piping to generator & vent	N	Samples taken by: Saboor Rahim, ASR	

Soil discoloration and its location(s): S_{1-2} no odor or discoloration; S_{3-5} no odor, no disc.

Tank condition(describe): T_{1-2} slightly rusted, good condition, no holes noted

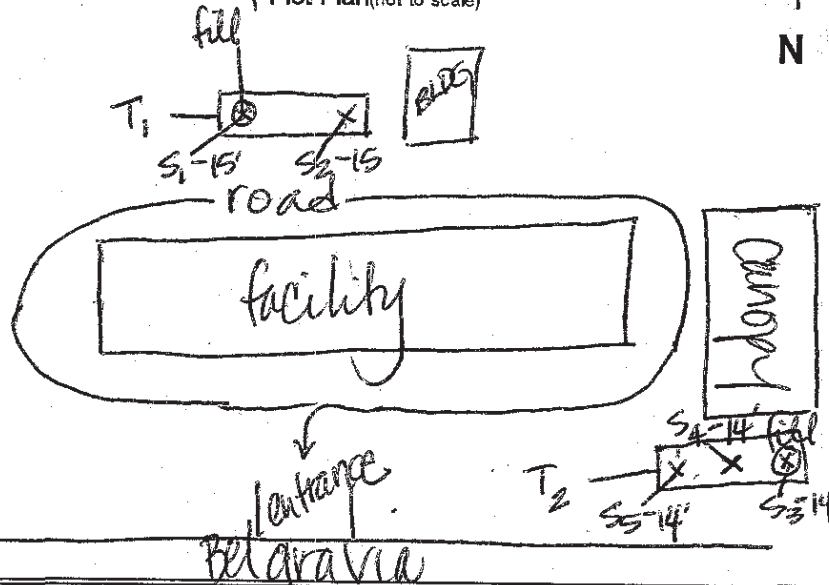
T_2 - longer in bath, shorter diameter

Notes: dry ice; 315 lbs. 10,000 UST is going to be used on-site. Submit (Zacky) letter indicating purpose. * Call for inspection for slurry of generator/leak piping & sampling under piping.

Plot Key
X = Sample location
T_x = Tank number
S_y = Sample number
D' = Depth below grade(ft)
Note the depth of sample. eg. : S_y D'

Analysis/Sample numbers
TPH Gas & BTXE/
TPH Diesel/ S_1-S_5
EPA 418.1/
Other:
Note: TPH by DHS-GC/FID(LUFT), BTXE by 8020

Plot Plan (not to scale)



Analyst's Signature

Owner/Representative's Signature, Title

CONTRACTOR CERTIFIES PROPER DECONTAMINATION OF TANKS:

UNDERGROUND STORAGE TANK PERMIT APPLICATION

FRESNO COUNTY COMMUNITY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867
FRESNO, CA. 93775

Call 48hr in advance for inspection

☒ ABANDONMENT/REMOVAL ☐ ABANDONMENT/IN PLACE ☐ NEW CONSTRUCTION ☐ REPAIR

FACILITY INFORMATION

Facility Name Zacky Farms - Proc. Plant Facility Phone 443-6680 Job Phone 443-2703

Address 900 w. Belgravia City Fresno State CA Zip 93706

Tank Owner ~~Zacky~~ Zacky Farms Phone 209/486-2310

Address 315 N. "H" St. City Fresno State CA Zip 93701

CONTRACTOR INFORMATION	TANK CLEANER/TRANSPORTER	CONSULTANT INFORMATION
Company West Star Env., Inc.	Company All Valley Env.	Company ADR Eng.
Address 4688 w. Jennifer #101	Address PO Box 11006	Address 4905 N. West Ave #113
City Fresno Zip 93722	City Fresno Zip 93771	City Fresno Zip 93705
Phone 209/277-9378	Phone 449-0526	Phone 227-7600
Contractor Class A-Haz	Waste Transporter ID No. 36608	Registration Type Geotechnical
License No. 605142	Tank Destination Commercial Tank	License No. 2073
Site Contact Person: John Mendrin	Rinsate Manifested ___ Tank Manifested ___	

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
6033	~~15~~ 12,000	Diesel		
6034	~~10~~ 12,000	Diesel		

DESCRIBE WORK TO BE PERFORMED

(2) UST Removals

OFFICIAL USE ONLY

PR# 031183	CT 0800	APN	Fee $ 316.00	Application Date 11/17/98

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations. ☐ Permit Conditions provided ☐ State Permit Application (forms A, B, C) provided
☑ Grading Permit confirmation

Harry Yee — APPROVED BY

Dan Vaughan — APPLICANT NAME (PRINT)

Owner's Agent — APPLICANT SIGNATURE / TITLE

10/7/93

TO: **COUNTY OF FRESNO**

DEPARTMENT OF HEALTH
UNDERGROUND STORAGE TANK PROGRAM
P.O. Box 11867
FRESNO, CALIFORNIA 93775

GRADING PERMIT STATUS

IN CONJUNCTION WITH THE REMOVAL OF UNDERGROUND PETROLEUM STORAGE TANKS

This form is to provide the County of Fresno with information regarding the grading (or excavation/compaction) permit status relative to the proposed ***removal of underground petroleum storage tanks*** at the following site:

This form must be presented to Fresno County Environmental Health System ***prior to*** obtaining an underground storage tank abandonment permit.

Address: 900 W BELGRAVIA

City/County: FRESNO

Nearest Cross Street or Road: S. DEMO

A grading permit was issued on 11/17/98 for this site ☒

A grading permit ***is not required*** by this jurisdiction for excavation and or backfilling in conjunction with the removal of underground storage tanks at this site. ☐

Comments:

TWO FUEL ~~TANKS~~ 15,000 TO BE REMOVED & BACK FILLED
(NORTH & SOUTH SIDES OF SITE)

CITY/COUNTY OF

DOUG EDWARDS / PE II
Printed name of official

Signature of official

446-3375
Phone number

11/17/98
Date

White Copy: Building Dept. File | Yellow: County Health Dept. | Blue: Applicant | 6/91

OFFICIAL INSPECTION REPORT

FRESNO COUNTY HEALTH SERVICES AGENCY - COMMUNITY HEALTH DEPARTMENT
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall - (209) 445-3357

Facility: Zacky Farms
Location: 900 W. Belgravia
Mailing Address:
Owner/Operator:

Date: 3/19/98
Record ID #: FR 0311183 0491796
Census Tract: 05 08
Phone:

Program: 6202/2260 ☐ ROUTINE ☐ REINSPECTION ☐ COMPLAINT ☐ CONSTRUCTION ☐ _____

VIOLATIONS LISTED BELOW SHALL BE CORRECTED WITHIN ___ DAYS / *IMMEDIATELY

An inspection was conducted by Lea Spann of the Fresno County Health Dept to determine compliance with current underground storage tank & hazardous materials handling requirements. I met with Mark Cabinero & Clay Cry who accompanied me on the inspection. The following observations were made:

- 2 12,000 gal diesel tanks. One is for back-up boiler & the other is for fueling. Boiler tank is not currently being used. Plans will be to remove it & not replace. The other will be replaced with either a UST or aboveground tank
- Tanks are scheduled to be tested 4/11/98. Last test 8/96
- Oil area stores used oil & new oil, miscellaneous lube oil/hydraulic oil. Lube oil kept in 55 gal containers. 4 totes of hyd. oil.
- Oil storage area is secondarily contained. Containers are labeled, most are covered. Area needs to be maintained better (oil/water in containment, mainly oil)
- Oil is picked up every 90 days by either Evergreen or another company.
- 2 large AGTs of sodium hypochlorite
- 1 10,000 gal anhydrous ammonia tank

Received By: Will mail copy
Analyst: Lea Spann
REINSPECTION DATE: _____
Reset Date: _____

NOTICE: REINSPECTION FEES WILL BE CHARGED IF MULTIPLE REINSPECTIONS BECOME NECESSARY DUE TO UNCORRECTED VIOLATIONS

( ) **INTERIM PERMIT TO OPERATE** VALID FOR 90 DAYS. Authorized by: _____

( ) Building permits are required for correction of these items and can be obtained at the location shown on the back of this report. Corrections will not be approved until permits are finaled.

FRESNO COUNTY DEPARTMENT OF HEALTH – ENVIRONMENTAL HEALTH SERVICES
Post Office Box 11867, Fresno, California
1221 Fulton Mall, Fresno, California
(209) 445-3334

Haz Mat / UST INSPECTION REPORT CONTINUATION

Facility: Zacky Farms Date: 3/19/98

Location: 900 W. Belgravia Page 2 of 2

Cont

- several 55 gal drums empty & full of soap or acta chlor Supplier picks up old ones & provides new drums.
- 2 - 2000 AGT storing soap (pink & yellow gorum). Soap is transferred to 55 gal drums & taken where needed in facility AGT & drums are labeled appropriately.
- Water treatment involves 3 polymer phases: anionic (2-1000 gal) cationic (2-2000 gal) & polyamine (currently only 2 totes). Polyamine will be contained in 5000 gal AGT, previously storing ferric chloride.
- facility has discontinued use of ferric chloride & sodium hydroxide after adopting polymers
- eyewash & shower stations routinely checked
- escape filter & SCBAS checked monthly

Complete the following:

- Update Hazardous Materials Business Plan. Make the appropriate changes to inventory & site map.

if you have any questions, please call me at 445-3271

will mail copy Analyst: Lea Spann

H-480 (Rev. 10/85)

ANNUAL INVENTORY RECONCILIATION SUMMARY REPORT

YEAR 97

Facility: Zacky Farms - Belgravia

Address: 900 W. Belgravia

Fresno, CA 93706

Tank #	Size	Product
1	12,000	Diesel

Signature _____

I hereby certify under penalty of perjury that:

_X_ All inventory variations for this facility were within allowable limits for this year.

___ Inventory variation(s) exceeded the allowable limits during this year.
The source of the variation(s) is not due to an unreported, unauthorized release.

List the Month, tank number, and amount of variation for all variations which exceeded the allowable limits during this year.

	MONTH	TANK #	AMOUNT OF VARIATION
1			
2			
3			
4			
5			

RECEIVED
JAN 28 1998
Environmental Health System

Additional incidents shall be listed on a seperate, attached sheet of paper.
Indicate here if continued:_____

If the cause of the variation(s) which exceeded allowable limits was a leak, the incident(s) shall be reported no later than the next business day to the Environmental Health System at (209) 445-3271. An Unauthorized Release Report shall be submitted to the EHS within five days.

The Annual Summary Report shall be submitted within 15 days of the end of each year.

Send to: Fresno County Department of Health
Environmental Health System-- UST Program
P.O. Box 11867
Fresno, Ca. 93775

ANNUAL INVENTORY RECONCILIATION SUMMARY REPORT

YEAR 1996

Facility: Zacky Farms

Address: 900 W. Belgravia

Fresno, CA 93706

Tank #	Size	Product
1	12,000	Diesel

Signature

I hereby certify under penalty of perjury that:

X All inventory variations for this facility were within allowable limits for this year.

___ Inventory variation(s) exceeded the allowable limits during this year.
The source of the variation(s) is not due to an unreported, unauthorized release.

List the Month, tank number, and amount of variation for all variations which exceeded the allowable limits during this year.

	MONTH	TANK #	AMOUNT OF VARIATION
1			
2			
3			
4			
5			

Additional incidents shall be listed on a seperate, attached sheet of paper.
Indicate here if continued:_____

If the cause of the variation(s) which exceeded allowable limits was a leak, the incident(s) shall be reported no later than the next business day to the Environmental Health System at (209) 445-3271. An Unauthorized Release Report shall be submitted to the EHS within five days.

The Annual Summary Report shall be submitted within 15 days of the end of each year.

RECEIVED
JAN 22 1997
Environmental Health System

Send to: Fresno County Department of Health
Environmental Health System-- UST Program
P.O. Box 11867
Fresno, Ca. 93775

8 Tony

Underground Storage Tank Testing
Permit Applicatio

RECEIVED
AUG 19 1996
Environmental Health System
Fresno Co Community Health Dept

Fresno County Community Health Department
Environmental Health System

FACILITY INFORMATION:

Facility Name Zacky Farms — Phone No. 443-2733

Address 900 W. Belgravia — City FRESNO — State CA — Zip 93721

Tank Owner Zacky Farms — Phone No. 486-2310

Address P.O. Box 12556 — City FRESNO — State CA — Zip 93778

TANK TESTER INFORMATION:

Company Name LRG Service — Phone No. 445-1041

Address P.O. Box 1392 — City FRESNO — State CA — Zip 93716

Tester Name Larry Goslingen — Certificate No. 98-1019

Test(s) To Be Conducted: ~~TANK~~ / PIPING / LEAK DETECTOR — Retest?: YES / (NO)

Test Date 8-10-96 — Tank Test Method Petro Tite — Piping Test Method

TANK SYSTEM INFORMATION:

Tank No.	Product	Capacity	Tank Test Result	Piping Type	Test Result	Leak Detector Installed ?	Test Result
A	Diesel	12,000	.039	Suction	94	NO	
B	Diesel	12,000	.037	Suction	94	NO	

NOTE: The applicant understands and will comply with the conditions listed on the back of this permit and all other applicable State and local regulations.

Larry Goslingen — Applicants Name

Applicants Signature

8-7-96 — Application Date

Approved By — PR# — CT — 1014 PERMIT #

04/25/94

White-RETURN TO COUNTY Yellow-Tester Copy Pink-County

ANNUAL TANK GAUGING SUMMARY REPORT

CT
08
TS

Facility:	Tank #	Size	Contents
Zacky Farms - Chicken Plant	2	12,000	Diesel
Address: 900 W. Belgravia			
Fresno CA 93706			

RECEIVED
JAN 16 1996
Environmental Health System
Fresno Co Community Health Dept.

I hereby certify under penalty of perjury that:

X All inventory variations for this facility were within allowable limits for the previous year.

____ Inventory variation(s) exceeded the measurement standards during this year (yes in column 5 of the Tank Gauging Report). EHS was notified of suspected leaks and proper procedure was followed as per Fresno County requirements.

X No modifications or upgrades have been made to this facility during the last 12 months.

____ Modifications or upgrades have been made to this facility.*

* Note: Repairs, replacements and modifications to a UST facility require a permit from EHS. In addition, other regulating agencies, such as the local building Dept. may have permit requirements.

Please attach proof of meter calibration for the year. EHS must receive the proof, along with the annual report, within 15 days of the end of each gauging year.

Send to: Fresno County Department of Health
Environmental Health System-UST Program
P.O. Box 11867
Fresno, CA 93775

Authorized Signature	Date	Name, Title (Print)
	1-11-96	Mark Ochinero, Safety Supervisor

RECEIVED
JAN 16 1996
Environmental Health System
Fresno Co Community Health Dept.

ANNUAL INVENTORY RECONCILIATION SUMMARY REPORT

YEAR 1995

Facility: Zacky Farms - Chicken Plant

Address: 900 W. Belgravia

Fresno CA 93706

Tank #	Size	Product
1	12,000	Diesel

Signature _____

I hereby certify under penalty of perjury that:

__X__ All inventory variations for this facility were within allowable limits for this year.

____ Inventory variation(s) exceeded the allowable limits during this year.
The source of the variation(s) is not due to an unreported, unauthorized release.

List the Month, tank number, and amount of variation for all variations which exceeded the allowable limits during this year.

	MONTH	TANK #	AMOUNT OF VARIATION
1			
2			
3			
4			
5			

Additional incidents shall be listed on a seperate, attached sheet of paper.
Indicate here if continued:_____

If the cause of the variation(s) which exceeded allowable limits was a leak, the incident(s) shall be reported no later than the next business day to the Environmental Health System at (209) 445-3271. An Unauthorized Release Report shall be submitted to the EHS within five days.

The Annual Summary Report shall be submitted within 15 days of the end of each year.

Send to: Fresno County Department of Health
Environmental Health System-- UST Program
P.O. Box 11867
Fresno, Ca. 93775

Underground Storage Tank Testing
Permit Application

RECEIVED
AUG 14 1995
Environmental Health System
Fresno Co Community Health Dept.

CT 08
TS

Fresno County Community Health Department
Environmental Health System

FACILITY INFORMATION:

Facility Name Zacky Farms — Phone No. 443-2732

Address 900 W. Belgravity — City FRESNO — State CA — Zip 93721

Tank Owner Zacky Farms — Phone No. 486-2310

Address P.O. Box 12556 — City FRESNO — State CA — Zip 93778

TANK TESTER INFORMATION:

Company Name ABLE SERVICE CO. INC. — Phone No. 445-1041

Address P.O. Box 1392 — City FRESNO — State CA — Zip 9316

Tester Name LARRY GOERINGER — Certificate No. _____

Test(s) To Be Conducted: TANK / PIPING / LEAK DETECTOR — Retest?: YES / NO

Test Date ~~7-22-95~~ 8-5-95 EY — Tank Test Method Petrotite II — Piping Test Method Petrotite

TANK SYSTEM INFORMATION:

Tank No.	Product	Capacity	Tank Test Result	Piping Type	Test Result	Leak Detector Installed ?	Test Result
A	Diesel	12,000	.021	suction	Test 94	N/A	
B	Diesel	12,000	.033	suction	Test 94	N/A	

NOTE: The applicant understands and will comply with the conditions listed on the back of this permit and all other applicable State and local regulations.

LARRY GOERINGER — Applicants Name

[signature] — Applicants Signature

7-21-95 — Application Date

Approved By _____ PR# _____ CT _____ PERMIT # 562

04/25/94

White-RETURN TO COUNTY Yellow-Tester Copy Pink-County

DP

OFFICIAL INSPECTION REPORT

FRESNO COUNTY HEALTH SERVICES AGENCY - COMMUNITY HEALTH DEPARTMENT
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall - (209) 445-3357

Facility: Zacky Farms
Location: 900 W. Belgravia
Mailing Address:
Owner/Operator:
Date: 5/31/95
Record ID #: FA0031183
Census Tract: 8
Phone:

Program: 6202 ☒ ROUTINE ☐ REINSPECTION ☐ COMPLAINT ☐ CONSTRUCTION ☐

VIOLATIONS LISTED BELOW SHALL BE CORRECTED WITHIN___DAYS / *IMMEDIATELY

I conducted a routine inspection today. Mark Ochinero accompanied me on the inspection.

No Violations Noted Today.
FACILITY IN SUBSTANTIAL COMPLIANCE.

Received By: X
Analyst: Tony Shamsholan
REINSPECTION DATE:
Reset Date:

NOTICE: REINSPECTION FEES WILL BE CHARGED IF MULTIPLE REINSPECTIONS BECOME NECESSARY DUE TO UNCORRECTED VIOLATIONS

( ) **INTERIM PERMIT TO OPERATE** VALID FOR 90 DAYS. Authorized by: _____

( ) Building permits are required for correction of these items and can be obtained at the location shown on the back of this report. Corrections will not be approved until permits are finaled.

ANNUAL INVENTORY RECONCILIATION SUMMARY REPORT

YEAR 94

Facility: Zacky Farms - Chicken Plant

Address: 900 W. Belgravia

Fresno, CA 93706

Tank #	Size	Product
1	12,000	Diesel

Signature _____

I hereby certify under penalty of perjury that:

___ All inventory variations for this facility were within allowable limits for this year.

X Inventory variation(s) exceeded the allowable limits during this year.
The source of the variation(s) is not due to an unreported, unauthorized release.

List the Month, tank number, and amount of variation for all variations which exceeded the allowable limits during this year.

	MONTH	TANK #	AMOUNT OF VARIATION
1	April	1	-1053 (At fuel delivery)
2			
3			
4			
5			

Additional incidents shall be listed on a seperate, attached sheet of paper.
Indicate here if continued:_____

If the cause of the variation(s) which exceeded allowable limits was a leak, the incident(s) shall be reported no later than the next business day to the Environmental Health System at (209) 445-3271. An Unauthorized Release Report shall be submitted to the EHS within five days.

The Annual Summary Report shall be submitted within 15 days of the end of each year.

Send to: Fresno County Department of Health
Environmental Health System-- UST Program
P.O. Box 11867
Fresno, Ca. 93775

Underground Storage Tank Testing
Permit Application

Fresno County Community Health Department
Environmental Health System

FACILITY INFORMATION:

Facility Name Zacky Farms — Phone No. 443-2732

Address 900 W Belgravia — City FRESNO — State CA — Zip 93704

Tank Owner Zacky Farms — Phone No. 486-2310

Address P.O. Box 12556 — City FRESNO — State CA — Zip 93778

TANK TESTER INFORMATION:

Company Name ABLE SERVICE CO. Inc — Phone No. 445-1041

Address P.O. Box 1392 — City FRESNO — State CA — Zip 93716

Tester Name LARRY GOERINGER — Certificate No. CA-92-1019

Test(s) To Be Conducted: (TANK) / (PIPING) / LEAK DETECTOR — Retest?: YES / (NO)

Test Date 6/11/94 — Tank Test Method Petro Tite II — Piping Test Method Petro Tite

TANK SYSTEM INFORMATION:

Tank No.	Product	Capacity	Tank Test Result	Piping Type	Test Result	Leak Detector Installed ?	Test Result
	Diesel	12,000	.02	Suction	.0020	NO	—
	Diesel	12,000	.02	suction	.0085	NO	—

NOTE: The applicant understands and will comply with the conditions listed on the back of this permit and all other applicable State and local regulations.

LARRY GOERINGER — Applicants Name

Applicants Signature

6-7-94 — Application Date

Approved By — PR# — CT — 57 PERMIT #

04/25/94

White-**RETURN TO COUNTY** Yellow-Tester Copy Pink-County

DP

OFFICIAL INSPECTION REPORT

FRESNO COUNTY HEALTH SERVICES AGENCY - COMMUNITY HEALTH DEPARTMENT
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall - (209) 445-3357

Facility: ZACKY FARMS - CHICKEN PLANT
Date: 2-2-94
Location: 900 W. BELGRAVIA, FRESNO
Record ID #: 031183
Mailing Address: P.O. BOX 12556, FRESNO 93779
Census Tract: 05 0900
Owner/Operator: MARK OCKINERO
Phone: 486-2310

Program: 6202 ☒ ROUTINE ☐ REINSPECTION ☐ COMPLAINT ☐ CONSTRUCTION ☐ _____

VIOLATIONS LISTED BELOW SHALL BE CORRECTED WITHIN___DAYS / *IMMEDIATELY

AN INSPECTION OF YOUR FACILITY WAS MADE TO DETERMINE COMPLIANCE WITH THE UNDERGROUND STORAGE TANK LAW. MARK OCKINERO NOT AT THE SITE. INSTEAD BARBARA DAVIS-MGR. GAVE PERMISSION TO DO INSPECTION

THE FOLLOWING OBSERVATIONS WERE MADE: -
1) TWO 12,000 GALLON TANK EXIST AT THE FACILITY. BOTH HAVE SUCTION SYSTEM,

2) ~~BOTH~~ TWO TANKS ARE CURRENTLY BEING USED FOR STORAGE.

THIS FACILITY IS IN COMPLIANCE: * DEADLINE BY DEC. 22 1998
THIS FACILITY MUST BE UPGRADED TANKS.

* Received By: [signature] Analyst: [signature]
REINSPECTION DATE: _____ Reset Date: _____

NOTICE: REINSPECTION FEES WILL BE CHARGED IF MULTIPLE REINSPECTIONS BECOME NECESSARY DUE TO UNCORRECTED VIOLATIONS

( ) **INTERIM PERMIT TO OPERATE** VALID FOR 90 DAYS. Authorized by: _____

( ) Building permits are required for correction of these items and can be obtained at the location shown on the back of this report. Corrections will not be approved until permits are finaled.

Original: Office/File (Rev. 10/93)

ANNUAL INVENTORY RECONCILIATION SUMMARY REPORT

RECEIVED
JAN 21 1994
ENVIRONMENTAL HEALTH

YEAR 93

Oscar Hernandez

Facility: Zacky Farms - Chicken Plant

Address: 900 W. Belgravia
Fresno, CA 93706

Signature _____

Tank #	Size	Product
1	12,000	Diesel

I hereby certify under penalty of perjury that:

X All inventory variations for this facility were within allowable limits for this year.

___ Inventory variation(s) exceeded the allowable limits during this year.
The source of the variation(s) is not due to an unreported, unauthorized release.

List the Month, tank number, and amount of variation for all variations which exceeded the allowable limits during this year.

	MONTH	TANK #	AMOUNT OF VARIATION
1			
2			
3			
4			
5			

Additional incidents shall be listed on a seperate, attached sheet of paper.
Indicate here if continued:_____

If the cause of the variation(s) which exceeded allowable limits was a leak, the incident(s) shall be reported no later than the next business day to the Environmental Health System at (209) 445-3271. An Unauthorized Release Report shall be submitted to the EHS within five days.

The Annual Summary Report shall be submitted within 15 days of the end of each year.

Send to: Fresno County Department of Health
Environmental Health System-- UST Program
P.O. Box 11867
Fresno, Ca. 93775

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271
PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATI

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☑ PRECISION TEST: DATE ~~6-5-93~~ Cancelled
Changed to 6/19/93 OKpw

SITE INFORMATION:

Site Address ~~Zacky Farms~~ 900 W Belgravia City FRESNO Zip 93721
Facility Name Zacky Farms Cross Street Church
Owner/Operator Zacky Farms Phone 443-2732
Mailing Address 900 W Belgravia City FRESNO Zip 93721

CONTRACTOR INFORMATION:

Company
Address
City Phone
Contractor Lic. No./Class

CONSULTANT INFORMATION:

Company
Address
City Phone
Registration Lic. No/Type

TANK CLEANING/TRANSPORTER INFORMATION:

Company
Address
City Phone
Waste Transporter ID No.
Tank Destination
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company ABLE SERVICE CO. INC
Address P.O. Box 1392
City FRESNO Phone 445-1041
Type of Test Petro Tite #
Tester Name LARRY GOEDINGER
CA State Cert. No. CA. 92-1019

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
	12,000	Diesel	unk	
	12,000	Diesel	unk	

DESCRIBE WORK TO BE PERFORMED

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

Site I.D. 86270 CT 9 APN / Fee $ / Application Date 6/1/93

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Approved by: LARRY GOEDINGER Applicant Name (Please Print) Applicant Signature/Title

Chris

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271
PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATION

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☒ PRECISION TEST: DATE 6-13-92

SITE INFORMATION:

Site Address 900 W. Belgravia City Fresno Zip 93706
Facility Name Zacky Farms Processing Cross Street Jensen
Owner/Operator Zacky Farms Inc Phone 486-3310
Mailing Address P.O. Box 12556 City Fresno Zip 93706

CONTRACTOR INFORMATION:

Company
Address
City Phone
Contractor Lic. No./Class

CONSULTANT INFORMATION:

Company
Address
City Phone
Registration Lic. No/Type

TANK CLEANING/TRANSPORTER INFORMATION:

Company
Address
City Phone
Waste Transporter ID No.
Tank Destination
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company Gnavely Enterprises
Address P.O. Box 5
City Caruthers Phone 445-1633
Type of Test NDE-VPLT
Tester Name Jeff Conger
CA State Cert. No.

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
	12K	Diesel		
	12K	Diesel		

DESCRIBE WORK TO BE PERFORMED

RECEIVED
JUN 19 1992
ENVIRONMENTAL HEALTH

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

Site I.D. 86270 CT 9 APN Fee $ Application Date 6/12/92

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Linda Hunt — Approved by:
Mike Bistran — Applicant Name (Please Print)
Michael Bistran — Applicant Signature/Title

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271

PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

RECEIVED
AUG 02 1991
ENVIRONMENTAL HEALTH

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATION

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☒ PRECISION TEST: DATE 7-27-91

SITE INFORMATION:

Site Address 900 W. Belgravia City Fresno Zip 93706
Facility Name Zacky Farms Cross Street
Owner/Operator Zacky Farms Phone 486-2310
Mailing Address P.O. Box 12556 City Fresno Zip 93706

CONTRACTOR INFORMATION:

Company
Address
City Phone
Contractor Lic. No./Class

CONSULTANT INFORMATION:

Company
Address
City Phone
Registration Lic. No/Type

TANK CLEANING/TRANSPORTER INFORMATION:

Company
Address
City Phone
Waste Transporter ID No.
Tank Destination
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company Snavely Enterprises
Address PO Box 75
City Caruthers Phone 445-1633
Type of Test NDE-VPLT
Tester Name
CA State Cert. No.

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
	12K	Diesel		

DESCRIBE WORK TO BE PERFORMED

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

Site I.D. 86240 CT 09 APN 477052-01 Fee $ Application Date 9-23-91

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Joan Wasson
Approved by:

Mike Bistran
Applicant Name (Please Print)

Michael Bistran
Applicant Signature/Title

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271

PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATIO

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☑ PRECISION TEST: DATE 6-8-91

SITE INFORMATION:

Site Address 900 W. Belgravia City Fresno Zip 93706
Facility Name Zacky Farms Processing Cross Street Fruit
Owner/Operator Zacky Farms Inc. Phone 486-2310
Mailing Address P.O. Box 12556 City Fresno Zip 93706

CONTRACTOR INFORMATION:

Company
Address
City Phone
Contractor Lic. No./Class

CONSULTANT INFORMATION:

Company
Address
City Phone
Registration Lic. No/Type

TANK CLEANING/TRANSPORTER INFORMATION:

Company
Address
City Phone
Waste Transporter ID No.
Tank Destination
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company Snavely Enterprises
Address P.O. Box 5
City Caruthers Phone 445-1633
Type of Test NDE-UPLT
Tester Name Scott Blankenship
CA State Cert. No.

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
	12K	Diesel		

DESCRIBE WORK TO BE PERFORMED

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

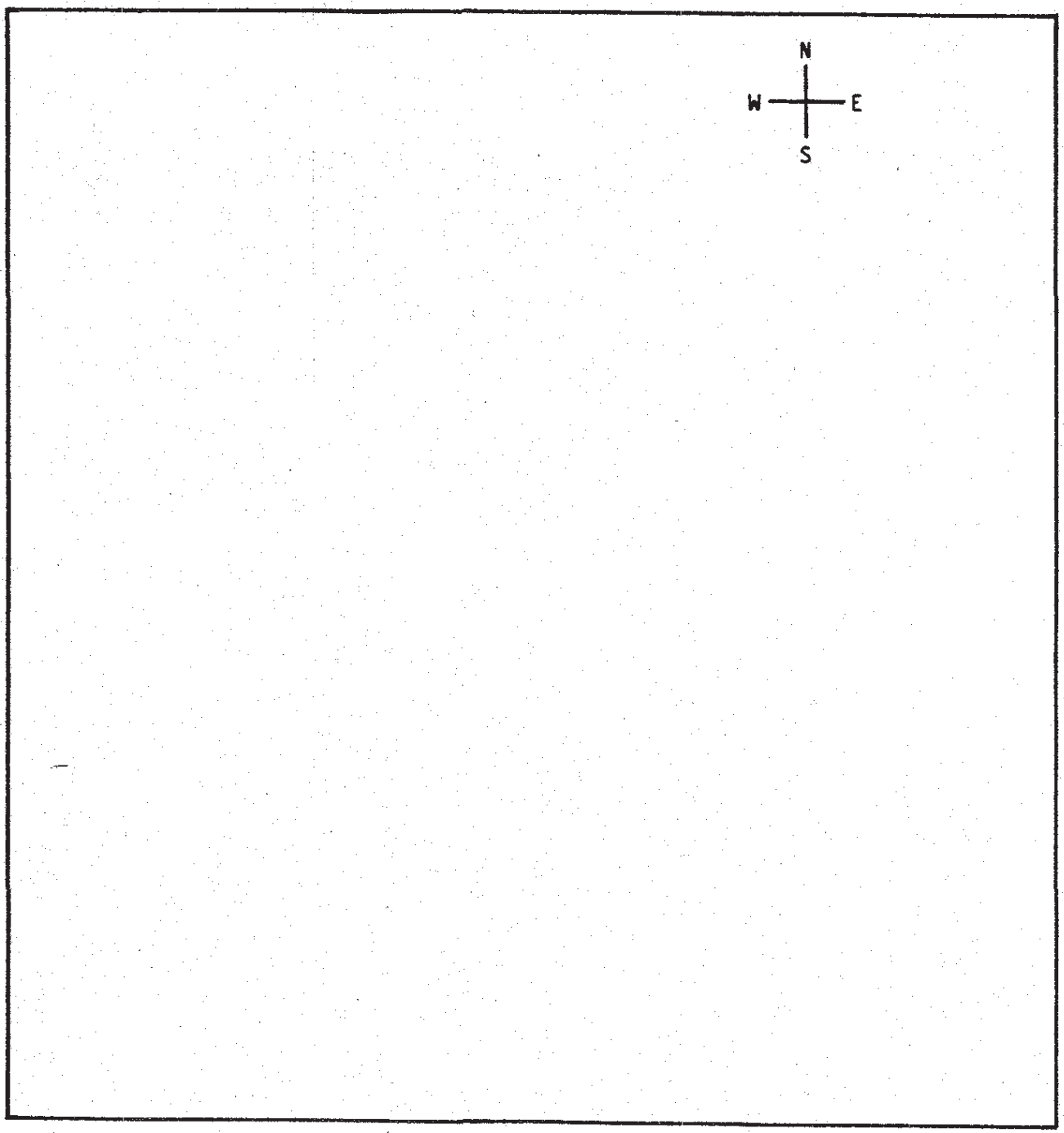
Site I.D. 86270 CT APN Fee $ Application Date 5/31/91

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Lynn Nelson — Approved by:
Mike Bistran — Applicant Name (Please Print)
Michael Bistran — Applicant Signature/Title

PLOT PLAN

Please indicate the location of the following: Major building(s), tank(s) lines, dispenser island(s), streets or alleyways, approximate excavation limits, boring locations and any other relevent information that exists at the site.



Additional comments (Cont'd):

TC:dhp/EHS#2460

OFFICIAL INSPECTION REPORT

FRESNO COUNTY DEPARTMENT OF HEALTH - ENVIRONMENTAL HEALTH SYSTEM
Post Office Box 11867, Fresno, California 93775
1221 Fulton Mall -- (209) 445-3357

Facility: ZACKY FARMS Date: 2-21-91

Location: 900 W. BELGRAVIA, FRESNO Record ID #: PR0311983

Mailing Address: P.O. BOX 12556 Census Tract: 0059.00

Owner/Operator: ZACKY FARMS: MARK OCKINERO - SAFETY OFF. Phone: 486-2310

Program: 2210 ☐ ROUTINE ☐ REINSPECTION ☐ COMPLAINT ☐ CONSTRUCTION ☒ I.R.

VIOLATIONS LISTED BELOW SHALL BE CORRECTED WITHIN ___ DAYS / *IMMEDIATELY

Mark Ockinero -
Edward Fox BELGRAVIA CHICKEN PLANT - 2 TANKS:
Jose Luis Morales 2222 South East - 5K
Becky Reed - 900 N. Thorne, Fresno: 3 TANK: 8K 10K 1K

MET THE ABOVE PERSONNEL AT THE SITE AT 11:00 A.M.

FULLY DISCUSSED I.R. PROCEDURES, FORMS A, B, & E.

ALSO REITERATE THE CONDITIONS OF THE OPERATING PERMIT:-
1) MUST SUBMIT TO THIS DEPT. I.R. QT. SUMMARY REPORTS.
2) ANNUAL TANK TESTING @ SERVICING / TESTING THE LEAK DETECTOR.
3) RECORDS MUST BE KEPT FOR 3 YEARS (MIN.)

Received By: NOTED Analyst: Oscar Hernandez

REINSPECTION DATE: _____ Reset Date: _____

NOTICE: REINSPECTION FEES WILL BE CHARGED IF MULTIPLE REINSPECTIONS BECOME NECESSARY DUE TO UNCORRECTED VIOLATIONS

( ) **INTERIM PERMIT TO OPERATE** VALID FOR 90 DAYS. Authorized by: _____

( ) Building permits are required for correction of these items and can be obtained at the location shown on the back of this report. Corrections will not be approved until permits are finaled.

Original: Office/File

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271
PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATION

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☒ PRECISION TEST: DATE 12-6-90

SITE INFORMATION:

Site Address 900 W. Belgravia City Fresno Zip 93706
Facility Name Zacky Farms Cross Street Teilman
Owner/Operator Zacky Farms Phone 486-2310
Mailing Address P.O. Box 12556 City _____ Zip _____

CONTRACTOR INFORMATION:

Company _____
Address _____
City _____ Phone _____
Contractor Lic. No./Class _____

CONSULTANT INFORMATION:

Company _____
Address _____
City _____ Phone _____
Registration Lic. No/Type _____

TANK CLEANING/TRANSPORTER INFORMATION:

Company _____
Address _____
City _____ Phone _____
Waste Transporter ID No. _____
Tank Destination _____
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company Snavely Enterprises
Address P.O. Box 5
City Caruthers Phone 445-1633
Type of Test NDE - UPLT
Tester Name Bryan Snavely
CA State Cert. No. _____

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
_____	12K	Diesel	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

DESCRIBE WORK TO BE PERFORMED

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

Site I.D. 86270 CT 09 APN — Fee $ — Application Date 12-6-90

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Peggy Wilkins — Approved by:
Mike Bistran — Applicant Name (Please Print)
Michael Bistran — Applicant Signature/Title

FRESNO COUNTY DEPARTMENT OF HEA
ENVIRONMENTAL HEALTH SYSTEM
P.O. BOX 11867, FRESNO, CALIFORNIA 93721
TELEPHONE (209) 445-3271

PERMIT APPLICATION FOR UNDERGROUND STORAGE TANKS

☐ ABANDONMENT/REMOVAL ☐ NEW CONSTRUCTION ☐ SUBSURFACE ASSESSMENT/REMEDIATION

☐ ABANDONMENT/IN PLACE ☐ REPAIR OR REPLACE ☒ PRECISION TEST: DATE 8-3-90

SITE INFORMATION:

Site Address 900 W. Belgravia City Fresno Zip 93706
Facility Name Zacky Farms Processing Cross Street
Owner/Operator Zacky Farms Inc. Phone 486-2310
Mailing Address P.O. Box 12556 City Fresno Zip 93778

CONTRACTOR INFORMATION:

Company
Address
City Phone
Contractor Lic. No./Class

CONSULTANT INFORMATION:

Company
Address
City Phone
Registration Lic. No/Type

TANK CLEANING/TRANSPORTER INFORMATION:

Company
Address
City Phone
Waste Transporter ID No.
Tank Destination
Rinsate Manifested ☐ Tank Manifested ☐

PRECISION TESTER INFORMATION:

Company Gravely Enterprises
Address P.O. Box 5
City Carruthers Phone 445-1633
Type of Test NDE-VPLT
Tester Name Jeff Conger
CA State Cert. No.

TANK INFORMATION

PERMIT #	SIZE	PRODUCT	AGE OF TANK	PREVIOUSLY STORED MATERIAL
	12K	Diesel		
	12K	Diesel		

DESCRIBE WORK TO BE PERFORMED

(Use Reverse Side if Necessary)

OFFICIAL USE ONLY

Site I.D. 8627D CT 09 APN 477-052-01 Fee $ Application Date 8/3/90

NOTE: Permit expires ninety (90) days after the application date. The applicant has received, understands, and will comply with the attached conditions of this permit and any other State and local regulations.

Approved by: Mike Bistran Applicant Name (Please Print) Michael Bistran Applicant Signature/Title

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM

CONDITIONS FOR PRECISION TESTING
UNDERGROUND STORAGE TANKS

1. A permit application for an UST precision test shall be obtained prior to commencement of work.

2. You must contact our office if there are <u>any</u> changes to the attached permit.

3. Test results shall be sent to our office within 30 days from the date of the test and shall include worksheets, computer print outs, graphs and all relevant information derived from the test.

4. A permit shall be obtained no later than 24 hours prior to testing.

5. Failed tests shall be reported to the local enforcement agency within 24 hours or the next business day. The tester shall notify owner/ operator of such failure and recommend appropriate actions.

EHS #2466

FRESNO COUNTY DEPARTMENT OF HEALTH — ENVIRONMENTAL HEALTH SYSTEM

Post Office Box 11867, Fresno, California
1221 Fulton Mall, Fresno, California
(209) 445-~~3357~~ 3271

Prog/Elem 23.11
Comp No./I.D. 86270-2
C.T. 09
Date 5-24-90
Page ____ of ____
Recheck Date ____

UNDERGROUND TANK INSPECTION REPORT

Facility: ZACKY FARMS

Location: 900 W. BELGRAVIA APN: ____

Owner/Operator: JERRY ANDERSON - PLANT MGR. Phone 486-2310

Mailing Address: P.O. BOX 12556, FRESNO Phone 486-2310
ATTN: Zip 93778

( ) INTERIM PERMIT TO OPERATE VALID FOR NINTEY (90) DAYS. Authorized by ____

THE FOLLOWING ITEMS SHALL BE CORRECTED WITHIN 30 DAYS. ( ) IMMEDIATELY: ____

MARK OCHANDRO, FREDDY MACHA, BOB BAILEY, I MET FOR A MEETING. 2 TANKS 2-12K DIESEL FOR TRUCK & OTHER IS A BOILER USE.

COMPLIANCE IN THE UNDERGROUND STORAGE TANK LAWS. THE CONDITIONS ARE:-

1. MUST PERFORM ANNUAL PRECISION TEST - LAST TEST WAS IN 10-21-86
2. MUST USE F.C.D.H. FORMS & PERFORM ~~REGISTER~~ INVENTORY RECONCILIATION - DAILY.
3. MUST SUBMIT INVENTORY RECONCILIATION QUARTERLY SUMMARY REPORTS TO THIS OFFICE.
4. MUST PAY STATE CHARGE SURCHARGE FEE + ANNUAL OPERATING PERMIT FEE. UPON COMPLIANCE, THE OPERATING PERMIT WILL BE ISSUED THIS WILL BE BILL.

MUST CONTACT OFFICE FOR THE DISCLOSURE REGISTRATION - BUSINESS PLAN BUSINESS PLAN IS CURRENTLY - MUST REVIEWED & UPDATED ANNUALLY

Received By: X ____ Analyst: Alan Hernandez

White — Office/File
Canary — Operator
Pink — Sanitarian

H-479 (Rev. 11/88)

NOTICE: Reinspection fees will be charged if multiple reinspections become necessary due to uncorrected violations. FEE ✓

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. Box 11867, Fresno, CA 93775
Telephone: 445-3271

PERMIT TO PERFORM PRECISION TEST ON UNDERGROUND STORAGE TANKS

10-20-86 Application Date | 10-21-86 Test Date 9:00 AM. | CT. | Parcel # 477-052-01S (APN)

Facility Name ZACKY FARMS
Job Address/Location 900 W. BELGRAVIA Cross Street FRUIT & FLORAL
Owner's Name ZACKY Phone 486-2310
Address POST OFFICE BOX 12556 FRESNO CA. 93778 City FRESNO
Tester RAY NORMAN, AMERICAN TANK TESTING Phone 435-4979

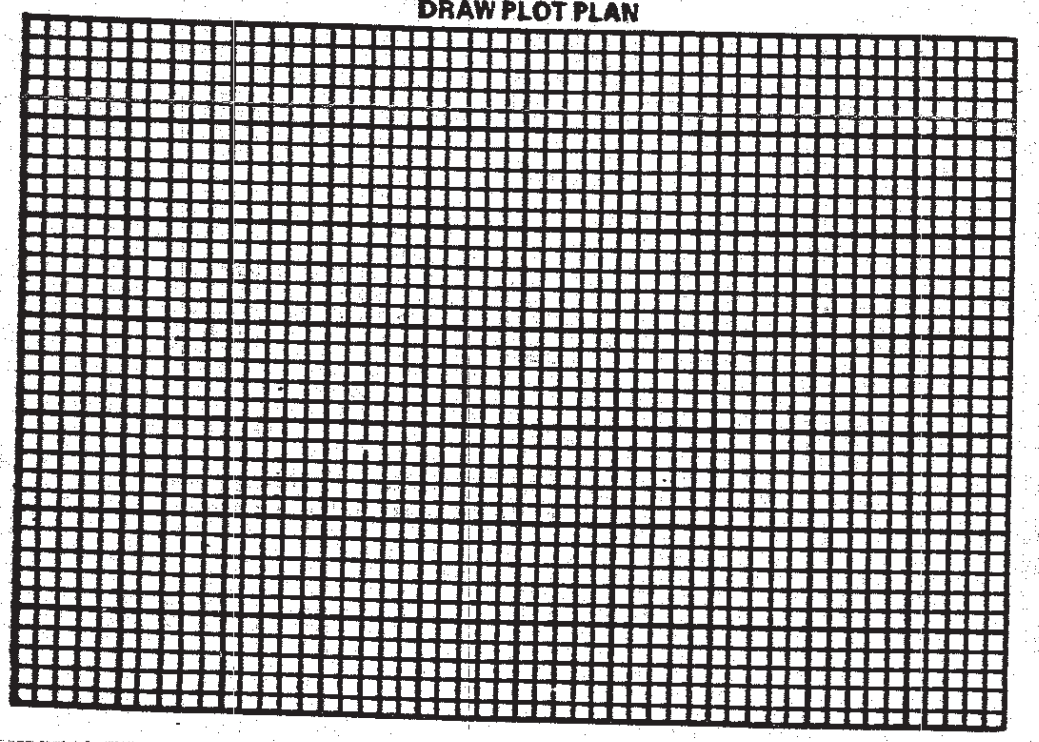
TYPE OF TEST: PETRO TITE

TANK #	SIZE	PRODUCT	AGE OF TANK	COMMENTS
1	~~[illegible]~~ 2000	~~GAS~~ DIESEL	7 YR.	
2	~~[illegible]~~ 2000	DIESEL	7 yr.	

CONDITIONS OF TESTING:

1. All appropriate fees shall be paid before issuance of this Permit to Test.
2. Test results shall be sent to UGST program, and shall include, worksheets, computer print outs, graphs, etc.
3. Failed tests shall be reported to the local inforcement agency within _____.
4. The Plot Plan below shall be used to show location of tank(s). Indicate address and nearest cross streets.

DRAW PLOT PLAN



FOR OFFICE USE ONLY

Permit Approved Steve Hernandez

Date 10-20-86

FEES PAID ☐ None

DOH 7/86

THIS PERMIT MUST BE COMPLETE W/ TEST RESULTS

FRESNO COUNTY DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH SYSTEM
P.O. Box 11B67, Fresno, CA 93775
Telephone: 445-3271

PERMIT TO PERFORM PRECISION TEST ON UNDERGROUND STORAGE TANKS

10-20-86 — Application Date
10-21-86 — Test Date 9:00 AM
x 09 — CT.
PARCEL # — APN

Facility Name ZACKY FARMS
Job Address/Location 900 W. BELGRAVIA Cross Street FRUIT
Owner's Name _____ Phone 486-2310
Address _____ City FRESNO
Tester BAY NORMAN, AMERICAN TANK TESTING Phone 435-4979

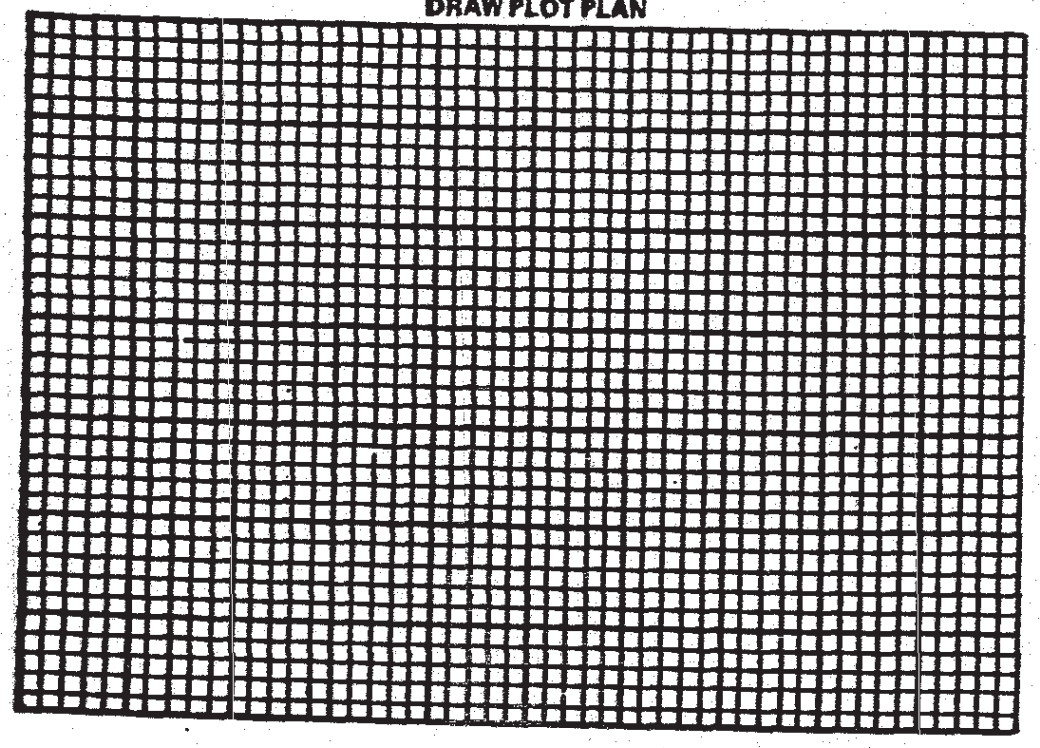
TYPE OF TEST: PETRO TITE

TANK #	SIZE	PRODUCT	AGE OF TANK	COMMENTS
1	10,000	GAS		
2	10,000	DIESEL		

CONDITIONS OF TESTING:

1. All appropriate fees shall be paid before issuance of this Permit to Test.
2. Test results shall be sent to UGST program, and shall include, worksheets, computer print outs, graphs, etc.
3. Failed tests shall be reported to the local inforcement agency within _____.
4. The Plot Plan below shall be used to show location of tank(s). Indicate address and nearest cross streets.

DRAW PLOT PLAN



FOR OFFICE USE ONLY

Permit Approved [signature]

Date 10-20-86

FEES PAID ☐ None

DOH 7/86

THIS PERMIT MUST BE COMPLETE W/ TEST RESULTS

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
http://www.waterboards.ca.gov/centralvalley

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

TO: John Noonan
Senior Engineer

Lonnie Wass
Supervising Engineer

Clay Rodgers
Assistant Executive Officer

FROM: Jeff Hannel
Engineering Geologist
PG 5640

SIGNATURE: *Original signed by JWH*

DATE: 29 April 2010

SUBJECT: ***CASE CLOSURE SUMMARY, UNDERGROUND STORAGE TANK RELEASE, VACANT LOT (ABANDONDED SERVICE STATION), RB CASE NO. 5T10000121, 437 WEST CALIFORNIA AVENUE, FRESNO, FRESNO COUNTY***

Background

Four 1,000-gallon USTs were removed from the site in September 1988. An investigation performed in 1990 found gasoline present in soil to a depth of 50 feet (the total depth investigated) and waste oil present to a depth of 10 feet. An investigation performed in 2003 consisted of drilling five soil borings in the vicinity of the gasoline USTs and one soil boring in the vicinity of the waste oil UST. A groundwater sample was obtained from one of the borings and a groundwater monitoring well installed in another of the borings. No analytes were detected in soil above action levels. However, 1,2-DCA was detected in soil samples collected just above the groundwater surface in two samples at concentrations of 8 micrograms per kilogram (µg/kg) and 11 µg/kg, respectively. The groundwater sample collected from the soil boring contained 1,2-DCA at 85 µg/L, and the water sample collected from the groundwater monitoring well contained 1,2-DCA at 11 µg/L.

Five soil borings were drilled at the site during February and March 2006 and groundwater monitoring wells installed in four of the borings. The highest concentrations of TPHg were detected in B-1 with 11,200 mg/kg at a depth of 25 feet and B-4 with 12,700 mg/kg at a depth of 25 feet. Boring B-1 was drilled in the central UST area while Boring B-4 was drilled in the northwest UST area.

The five groundwater monitoring wells were sampled during April 2006. The depth to water was about 76 feet and the gradient flat, with no discernable flow direction. Constituents of concern were detected in all of the groundwater monitoring wells. The highest TPH-carbon chain total (TPHcc-total) was 1,200 µg/L in MW-2 and 2,600 µg/L in MW-5. MW-2 was installed in B-1 and MW-5 was installed in B-4. Benzene was 110 µg/L in MW-2 and 2,600 µg/L in MW-5. 1,2 DCA was detected as high as 86 µg/L (MW-3).

The groundwater elevation decreased and the five wells went dry in 2008. The wells were replaced with five deeper wells in October/November 2008, and two additional wells were also installed. The only petroleum hydrocarbons detected in groundwater samples collected from the new wells were 96 µg/L TPHg, 0.56 µg/L benzene, and 1.1 µg/L toluene, detected in MW-3R in March 2009; and 2.7 µg/L 1,2-DCA detected in MW-6 in December 2008. MW-6 is in the eastern portion of the property. No petroleum hydrocarbons were detected in any of the wells during the last two groundwater monitoring events performed in June 2009 and December 2009.

A soil vapor extraction pilot test was performed in February 2007 using the groundwater monitoring wells as vapor extraction wells. The results of the pilot test found soil vapor extraction to be a viable remedial alternative provided soil vapor extraction wells are installed at the site.

Two soil vapor extraction well clusters and two air sparge wells were installed during October/November 2008. A soil vapor extraction system was installed and soil vapor extraction commenced in April 2009. The initial concentration of TPHg in the extracted vapor was 5,128 parts per million by volume (ppmv). By March 2010, the concentration of TPHg in the extracted vapor was 86 ppmv. The vapor extraction system removed about 13,500 pounds of gasoline from the subsurface. Less than 200 pounds are believed to remain.

Two soil vapor monitoring probes were installed to depths of six feet in the source area during March 2010. Soil vapor samples were collected from each of the probes and submitted for laboratory analyses. Only low concentrations of petroleum hydrocarbons were detected in soil vapor. The concentrations were well below the residential California Human Health Screening Levels published by the Office of Environmental Health Hazard Assessment, and well below the residential Environmental Screening Levels published by the San Francisco Bay Regional Water Board.

Residents of the surrounding neighborhood were notified of the pending site closure. No objections to the closure were submitted.

Conclusions

The majority of the petroleum hydrocarbons released at the site have been removed. The residual levels of petroleum hydrocarbons are not sufficient to cause health concerns for the public and are not a threat to groundwater. Natural attenuation of residual petroleum hydrocarbons is expected to occur over time. I recommend that a standard underground storage tank site closure letter be mailed to the responsible parties.

900 W. BELGRAVIA

PERMIT	ISSUED	CANC.	ISSUED TO
3060	1-11-79	2-14-80	ZACKY FARMS
3096	3-30-79		Zacky Farms

California Regional Water Quality Control Board
Central Valley Region
Katherine Hart, Chair

1685 E Street, Fresno, California 93706
(559) 445-5116 • Fax (559) 445-5910
http://www.waterboards.ca.gov/centralvalley

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

TO: John Noonan
Senior Engineer

Lonnie Wass
Supervising Engineer

Clay Rodgers
Assistant Executive Officer

FROM: Jeff Hannel
Engineering Geologist
PG 5640

SIGNATURE: *Original signed by JWH*

DATE: 29 April 2010

SUBJECT: ***CASE CLOSURE SUMMARY, UNDERGROUND STORAGE TANK RELEASE, VACANT LOT (ABANDONDED SERVICE STATION), RB CASE NO. 5T10000121, 437 WEST CALIFORNIA AVENUE, FRESNO, FRESNO COUNTY***

Background

Four 1,000-gallon USTs were removed from the site in September 1988. An investigation performed in 1990 found gasoline present in soil to a depth of 50 feet (the total depth investigated) and waste oil present to a depth of 10 feet. An investigation performed in 2003 consisted of drilling five soil borings in the vicinity of the gasoline USTs and one soil boring in the vicinity of the waste oil UST. A groundwater sample was obtained from one of the borings and a groundwater monitoring well installed in another of the borings. No analytes were detected in soil above action levels. However, 1,2-DCA was detected in soil samples collected just above the groundwater surface in two samples at concentrations of 8 micrograms per kilogram (µg/kg) and 11 µg/kg, respectively. The groundwater sample collected from the soil boring contained 1,2-DCA at 85 µg/L, and the water sample collected from the groundwater monitoring well contained 1,2-DCA at 11 µg/L.

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Residents of the surrounding neighborhood were notified of the pending site closure. No objections to the closure were submitted.

Conclusions

The majority of the petroleum hydrocarbons released at the site have been removed. The residual levels of petroleum hydrocarbons are not sufficient to cause health concerns for the public and are not a threat to groundwater. Natural attenuation of residual petroleum hydrocarbons is expected to occur over time. I recommend that a standard underground storage tank site closure letter be mailed to the responsible parties.

Appendix E

Noise Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/01/2019
Case Description: Demolition

**** Receptor #1 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences N of W Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	45.0	0.0
Excavator	No	40		80.7	45.0	0.0
Excavator	No	40		80.7	45.0	0.0
Excavator	No	40		80.7	45.0	0.0
Dozer	No	40		81.7	45.0	0.0
Dozer	No	40		81.7	45.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	90.5	83.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	90.5	87.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night

Description	Land Use	Daytime	Evening	Night
Residences SW of w Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	310.0		0.0
Excavator	No	40	80.7	310.0		0.0
Excavator	No	40	80.7	310.0		0.0
Excavator	No	40	80.7	310.0		0.0
Dozer	No	40	81.7	310.0		0.0
Dozer	No	40	81.7	310.0		0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	73.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	65.8	61.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	65.8	61.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73.7	70.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residence N of Lorena	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Concrete Saw	No	20	89.6	150.0		0.0

Excavator	No	40	80.7	150.0	0.0
Excavator	No	40	80.7	150.0	0.0
Excavator	No	40	80.7	150.0	0.0
Dozer	No	40	81.7	150.0	0.0
Dozer	No	40	81.7	150.0	0.0

Results

			Noise Limits (dBA)				Noise Limit Exceedance (dBA)							
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	80.0	73.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	72.1	68.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	72.1	68.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.0	76.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/01/2019
Case Description: Grading

**** Receptor #1 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences N of W Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Excavator	No	40		80.7	45.0	0.0
Dozer	No	40		81.7	45.0	0.0
Grader	No	40	85.0		45.0	0.0
Compactor (ground)	No	20		83.2	45.0	0.0
All Other Equipment > 5 HP	No	50	85.0		45.0	0.0
Scraper	No	40		83.6	45.0	0.0
Tractor	No	40	84.0		45.0	0.0
Excavator	No	40		80.7	45.0	0.0

Results

	Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	85.9	81.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	84.1	77.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	85.9	82.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	84.5	80.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.9	80.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.9	89.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences SW of w Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	310.0	0.0
Dozer	No	40		81.7	310.0	0.0
Grader	No	40	85.0		310.0	0.0
Compactor (ground)	No	20		83.2	310.0	0.0
All Other Equipment > 5 HP	No	50	85.0		310.0	0.0
Scraper	No	40		83.6	310.0	0.0
Tractor	No	40	84.0		310.0	0.0
Excavator	No	40		80.7	310.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	65.8	61.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	69.2	65.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	67.4	60.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	69.2	66.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	67.7	63.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	68.2	64.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	69.2	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residence N of Lorena	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Excavator	No	40		80.7	150.0	0.0
Dozer	No	40		81.7	150.0	0.0
Grader	No	40	85.0		150.0	0.0
Compactor (ground)	No	20		83.2	150.0	0.0
All Other Equipment > 5 HP	No	50	85.0		150.0	0.0
Scraper	No	40		83.6	150.0	0.0
Tractor	No	40	84.0		150.0	0.0
Excavator	No	40		80.7	150.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	72.1	68.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grader	75.5	71.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	73.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	75.5	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Scraper	74.0	70.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	74.5	70.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	75.5	78.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/01/2019
Case Description: Paving

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residences N of W Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Paver	No	50	77.2	45.0		0.0
Paver	No	50	77.2	45.0		0.0
Concrete Saw	No	20	89.6	45.0		0.0
Roller	No	20	80.0	45.0		0.0
Compactor (ground)	No	20	83.2	45.0		0.0
All Other Equipment > 5 HP	No	50	85.0	45.0		0.0
All Other Equipment > 5 HP	No	50	85.0	45.0		0.0

Results

Equipment	Calculated (dBA) Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Paver	78.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	78.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	90.5	83.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	80.9	73.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	84.1	77.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	85.9	82.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	85.9	82.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	90.5	88.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences SW of w Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Paver	No	50		77.2	310.0	0.0
Paver	No	50		77.2	310.0	0.0
Concrete Saw	No	20		89.6	310.0	0.0
Roller	No	20		80.0	310.0	0.0
Compactor (ground)	No	20		83.2	310.0	0.0
All Other Equipment > 5 HP	No	50		85.0	310.0	0.0
All Other Equipment > 5 HP	No	50		85.0	310.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Paver	61.4	58.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	61.4	58.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	73.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	64.2	57.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	67.4	60.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	69.2	66.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	69.2	66.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	73.7	72.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residence N of Lorena	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Paver	No	50	77.2		150.0	0.0
Paver	No	50	77.2		150.0	0.0
Concrete Saw	No	20	89.6		150.0	0.0
Roller	No	20	80.0		150.0	0.0
Compactor (ground)	No	20	83.2		150.0	0.0
All Other Equipment > 5 HP	No	50	85.0		150.0	0.0
All Other Equipment > 5 HP	No	50	85.0		150.0	0.0

Results

Equipment	Calculated (dBA) Lmax	Calculated (dBA) Leq	Noise Limits (dBA) Day Lmax	Noise Limits (dBA) Day Leq	Noise Limits (dBA) Evening Lmax	Noise Limits (dBA) Evening Leq	Noise Limits (dBA) Night Lmax	Noise Limits (dBA) Night Leq	Noise Limit Exceedance (dBA) Day Lmax	Noise Limit Exceedance (dBA) Day Leq	Noise Limit Exceedance (dBA) Evening Lmax	Noise Limit Exceedance (dBA) Evening Leq	Noise Limit Exceedance (dBA) Night Lmax	Noise Limit Exceedance (dBA) Night Leq
Paver	67.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Paver	67.7	64.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Concrete Saw	80.0	73.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roller	70.5	63.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Compactor (ground)	73.7	66.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	75.5	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Other Equipment > 5 HP	75.5	72.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	80.0	78.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 11/01/2019
Case Description: Site Preparation

**** Receptor #1 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences N of W Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Backhoe	No	40	77.6	45.0	0.0	
Excavator	No	40	80.7	45.0	0.0	
Dozer	No	40	81.7	45.0	0.0	

Results

	Calculated (dBA)		Noise Limits (dBA)				Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	78.5	74.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	81.6	77.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	82.6	78.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	82.6	82.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #2 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residences SW of w Atchison	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)

Backhoe	No	40	77.6	310.0	0.0
Excavator	No	40	80.7	310.0	0.0
Dozer	No	40	81.7	310.0	0.0

Results

	Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	61.7	57.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	64.9	60.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	65.8	61.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	65.8	65.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**** Receptor #3 ****

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
Residence N of Lorena	Residential	65.0	55.0	45.0

Equipment

Description	Impact Device	Spec Usage (%)	Actual Lmax (dBA)	Receptor Lmax (dBA)	Estimated Distance (feet)	Shielding (dBA)
Backhoe	No	40	77.6	150.0		0.0
Excavator	No	40	80.7	150.0		0.0
Dozer	No	40	81.7	150.0		0.0

Results

	Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
	Calculated (dBA)		Day		Evening		Night		Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	68.0	64.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator	71.2	67.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	72.1	68.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total	72.1	71.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Appendix F

AB 52 Tribal Consultation Correspondence

City of FRESNO

Planning and Development Department

2600 Fresno Street, Third Floor
Fresno, California 93721-3604
(559) 621-8277, FAX (559) 498-1026

Jennifer K. Clark, AICP
Director

November 14, 2019

Robert Ledger
John Ledger
Eric S. Smith
Dumna Wo Wah Tribal Government
2191 West Pico Avenue
Fresno, CA 93705

RE: Project Notification Pursuant to Assembly Bill 52 for Development Permit Application P19-05425 in the City of Fresno, Fresno County

Dear Chairperson,

Pursuant to the provisions of Assembly Bill 52 (AB 52), which is described in more detail below, as the lead agency under the California Environmental Quality Act (CEQA), the City of Fresno hereby extends an invitation to consult on the CEQA review of the proposed Development Permit Application P19-05425 in order to assist with identifying and/or preserving and/or mitigating project impacts to tribal cultural resources. A summary of the proposed project, including a map of the project location, is included as Exhibit 1 to this letter.

AB 52, which became law January 1, 2015, requires that, as part of the CEQA review process, public agencies provide early notice of a project to California Native American Tribes to allow for consultation between the tribe and the public agency. The purpose of AB 52 is to provide an opportunity for public agencies and tribes to consult and consider potential impacts to Tribal Cultural Resources (TCRs), as defined by the Public Resources Code (PRC) Section 21074(a).[1] Outlined below is the general process for AB 52 compliance:

- *Pursuant to AB 52, tribes must formally request to the public agency in writing to be notified of projects within the jurisdiction of that public agency [Public Resources Code Section 5097.4]. Tribe requests in writing to the public agency to*

[1] PRC Section 21074(a) defines a Tribal Cultural Resource as either of the following:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that area either (1) included or determined to be eligible for inclusion in the California Register of Historical Resources; or (2) included in a local register of historical resources as defined in subdivision (k) of PRC Section 5020.1; or
- 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 PRC Section 5024.1.

be notified of projects for which a Negative Declaration (ND), Mitigated Negative Declaration (MND), or Environmental Impact Report (EIR) is required;

- *Following receipt of such request, the lead agency shall, within fourteen (14) days of determining that an application for a project is complete or a decision by a public agency to undertake a project shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice [PRC Section 21080.3.1(d)];*

- *Upon notification from the lead agency, tribes have thirty (30) days to formally request consultation [PRC Section 21080.3(d)]; and,*

- *The lead agency shall initiate consultation within thirty (30) days of receiving the request for consultation [PRC Section 21080.3(e)].*

- *Consultation shall be considered concluded when either of the following occurs: (1) the parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a TCR; or (2) a party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached.*[2]

If you would like to consult with the City pursuant to AB 52, **please respond in writing by 5:00 p.m. on December 16, 2019** to Will Tackett, at Will.Tackett@fresno.gov or 2600 Fresno Street, Room 3043, Fresno, CA 93721-3600. Please include in your request, at a minimum, (1) name, title, and contact information of the tribal representative(s); (2) suggested dates and location of consultation; (3) any preliminary concerns or questions related to the project (optional).

If no written request is received by the aforementioned date, it will be assumed that you have declined consultation. If a request for consultation is received by the date above, the City will follow up within thirty (30) days to set up a date and location for consultation.

Thank you for your consideration on this matter and please do not hesitate to contact me at should you have any questions or need additional information.

Sincerely,

Jared Dalley
Planner I

Attachment: Exhibit 1: Project Description and Project Location Map

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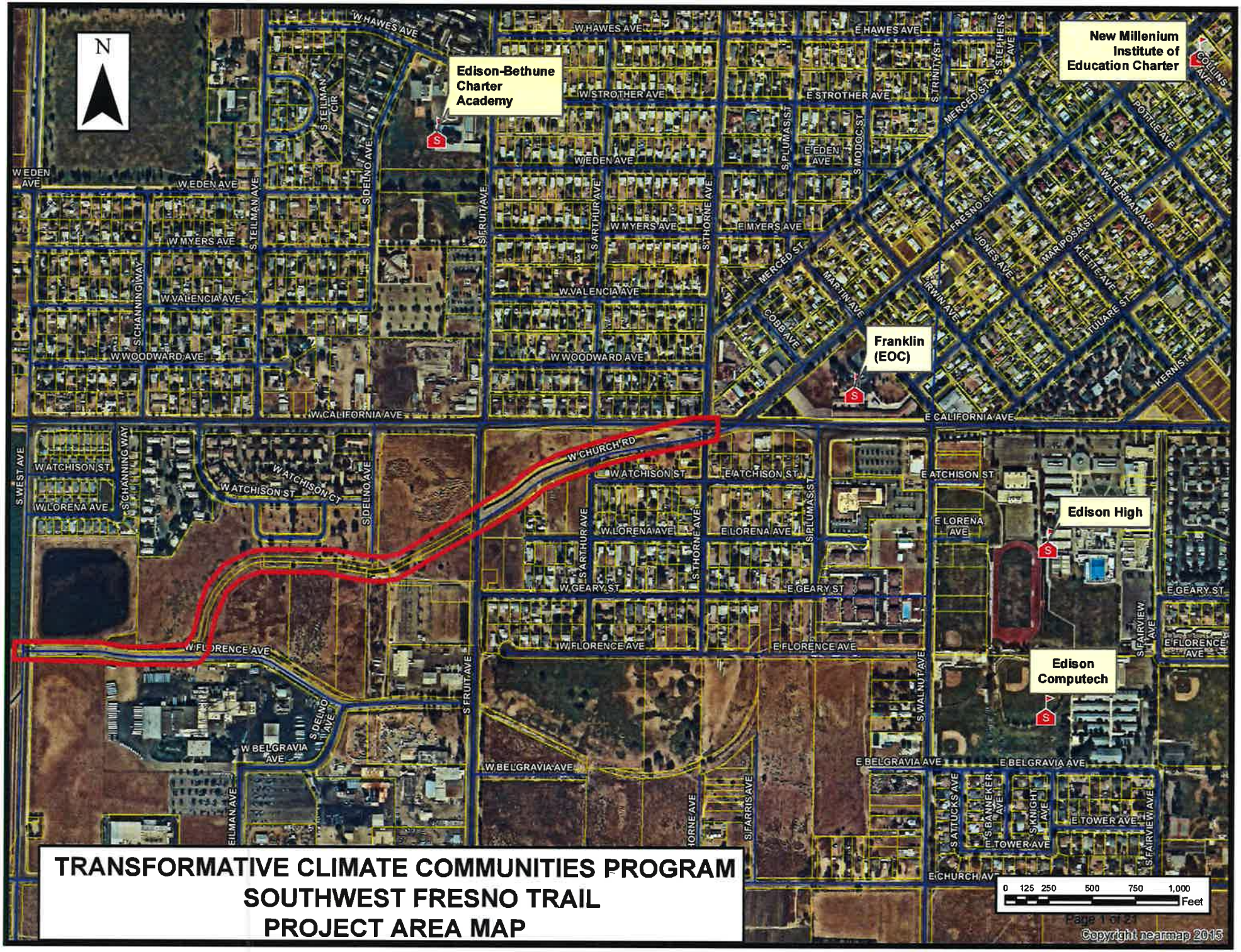
[2] If consultation is conducted, the City, as lead agency, shall ensure that, unless provided with written consent by the consulting tribe, information exchanged during consultation will remain confidential for the purposes of preventing looting, vandalism, or damage to tribal cultural resources and shall not disclose third party confidential information regarding tribal cultural resources [PRC Section 21082.3].

Project Description

The City of Fresno seeks to construct approximately 0.8 miles of Class I trail along the Fanning ditch alignment between S. West and S. Thorne Avenues. Project construction will include asphalt paved trail, new street and trail lights, curb and gutter, new ADA compliant curb ramps, and landscaping. Right of way acquisition will be necessary to construct the project.



TRANSFORMATIVE CLIMATE COMMUNITIES PROGRAM
SOUTHWEST FRESNO TRAIL
PROJECT AREA MAP



SHEET 1

SCALE 1"=100'

0 100' 200'

City of FRESNO

DEPARTMENT OF PUBLIC WORKS

FANNING DITCH TRAIL -
CALIFORNIA AVENUE TO WEST AVENUE

DATE: 09/29/2017

LEGEND:

- PROPOSED 15 GALLON TREE
- EXISTING STREETLIGHT
- PROPOSED STREETLIGHT
- PROPOSED TRAIL LIGHT
- PROPOSED 5' IRON BARRIER FENCE
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED ASPHALT CONCRETE TRAIL IN FID EASEMENT
- EXISTING OPEN CANAL
- 18' WIDE A.C. ALLEY ACCESS



PROJECT LOCATION MAP
NOT TO SCALE
CITY OF FRESNO



SHEET 2

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City of FRESNO

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PROJECT LOCATION MAP

CITY OF FRESNO



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City of FRESNO

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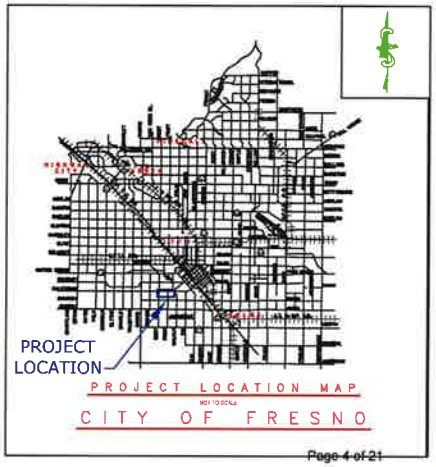
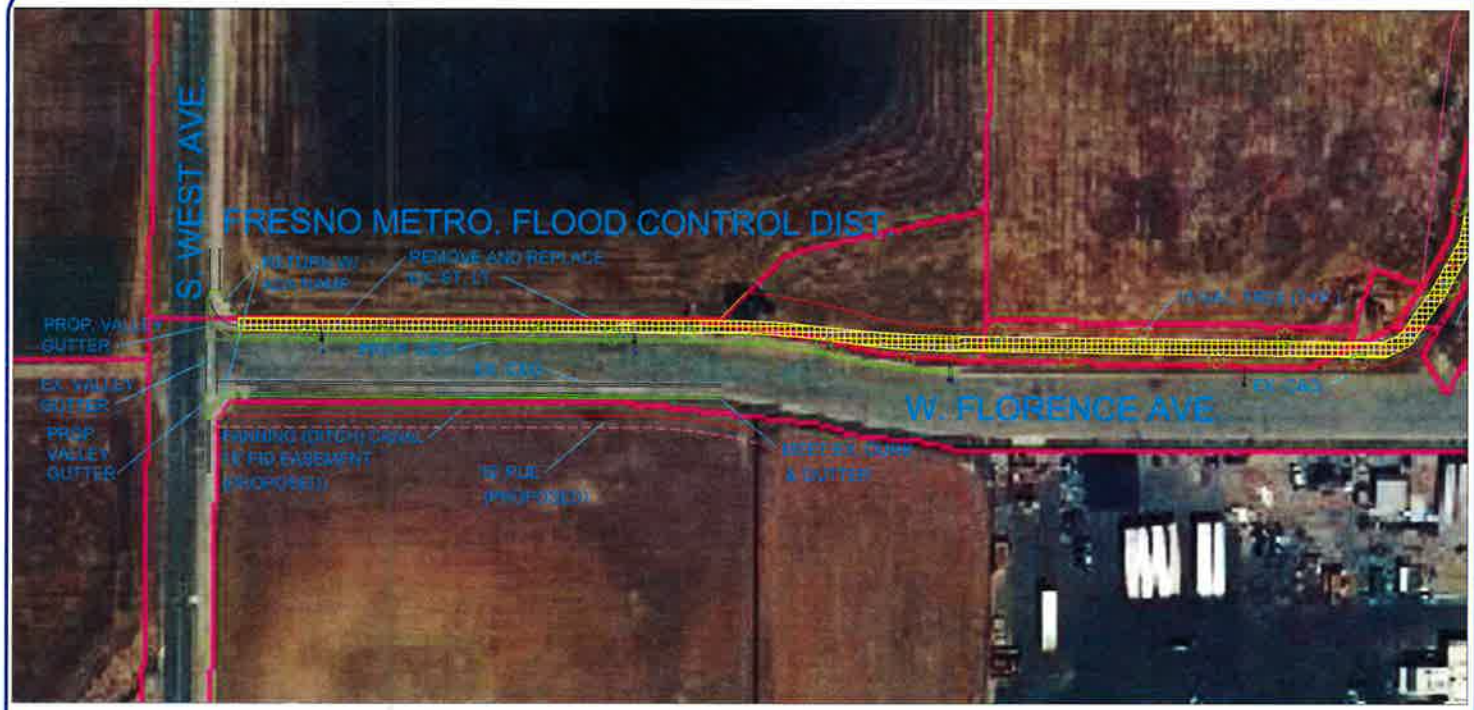


PROJECT LOCATION MAP

CITY OF FRESNO



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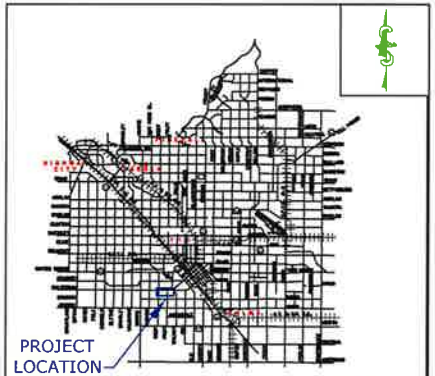

PROJECT LOCATION MAP

CITY OF FRESNO

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Jennifer K. Clark, AICP
Director

November 14, 2019

Table Mountain Rancheria of California
Bob Pennell, Cultural Resources Director
P.O. Box 410
Friant, CA 93626

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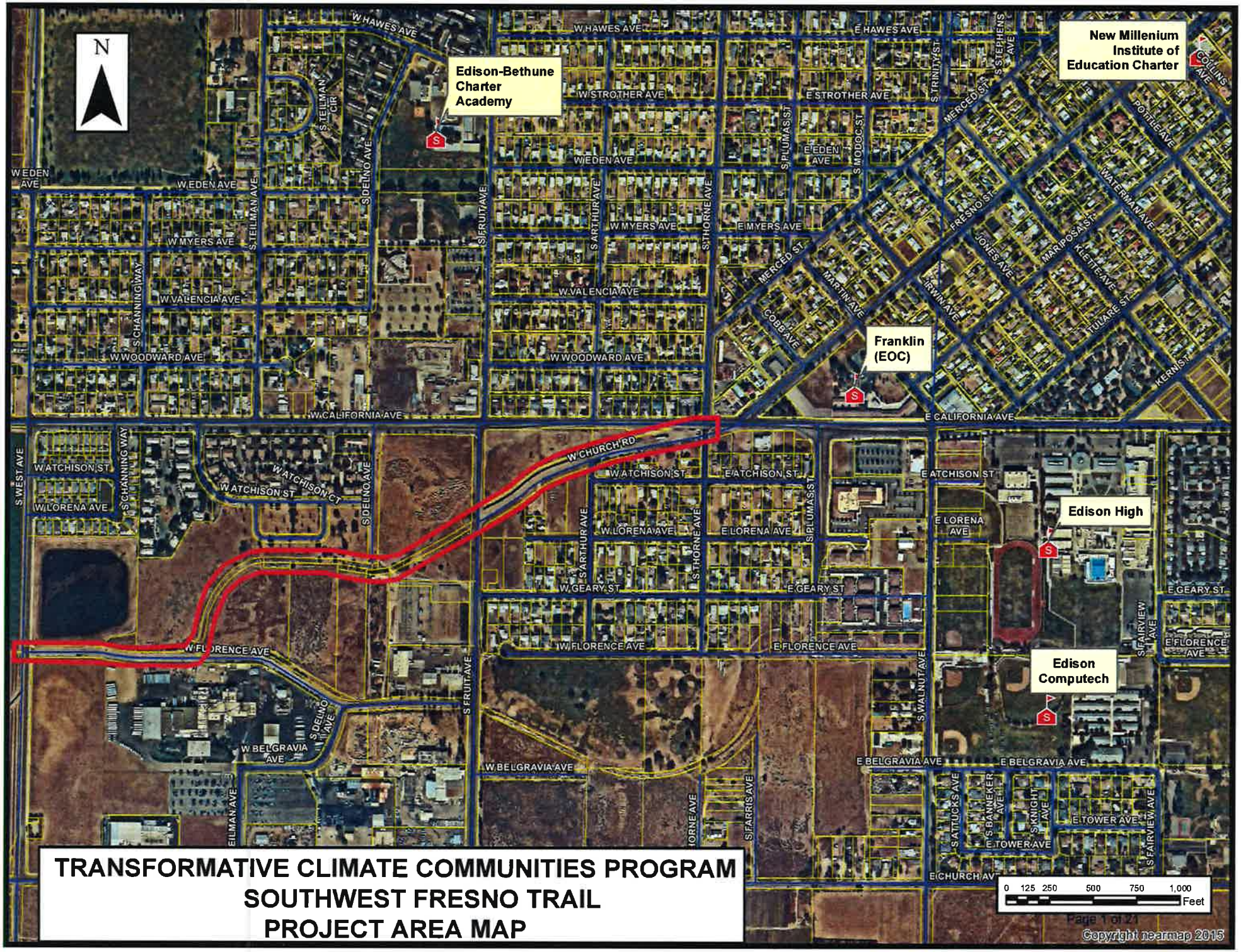

TRANSFORMATIVE CLIMATE COMMUNITIES PROGRAM
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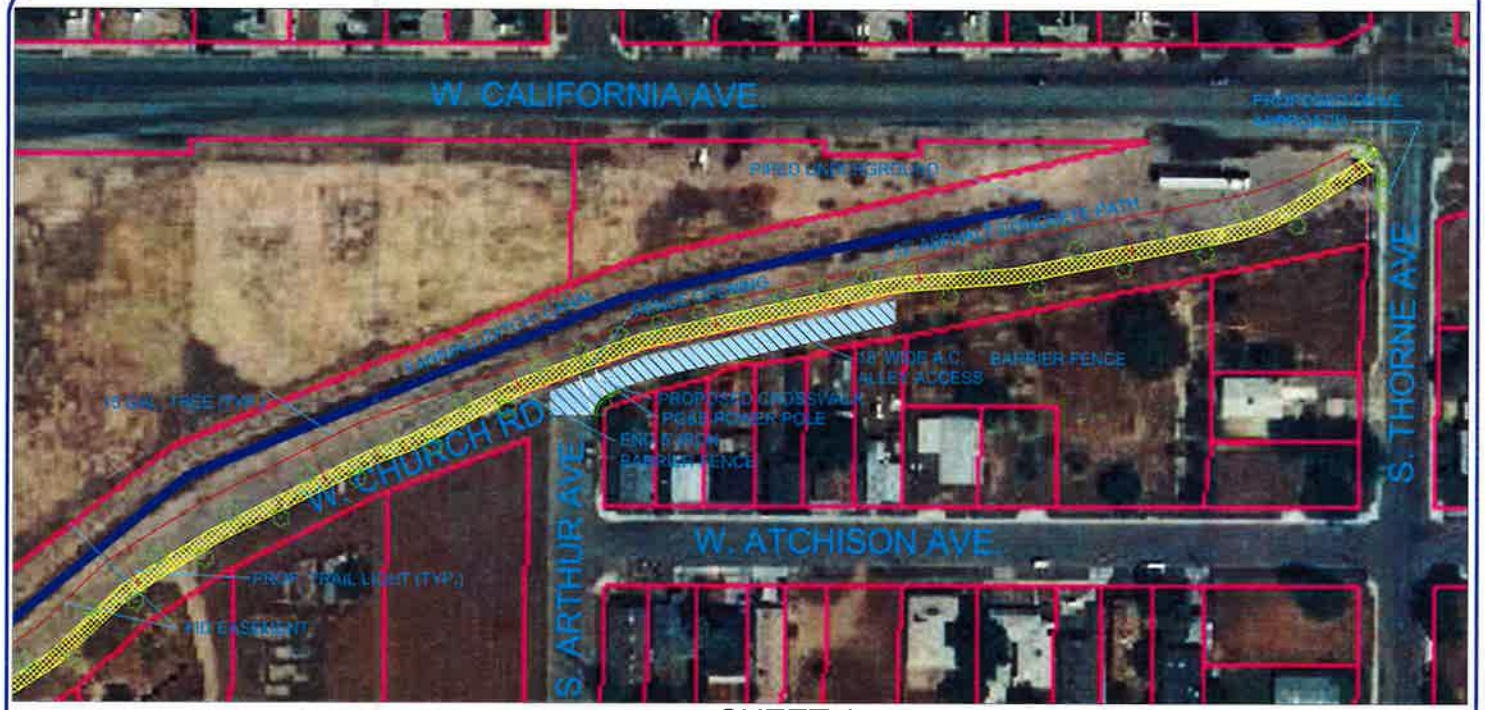

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City of FRESNO

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PROJECT LOCATION MAP

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CITY OF FRESNO



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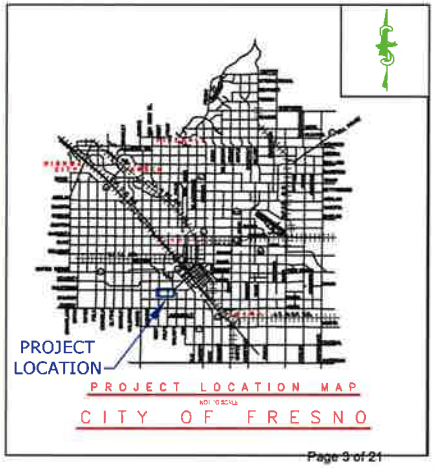

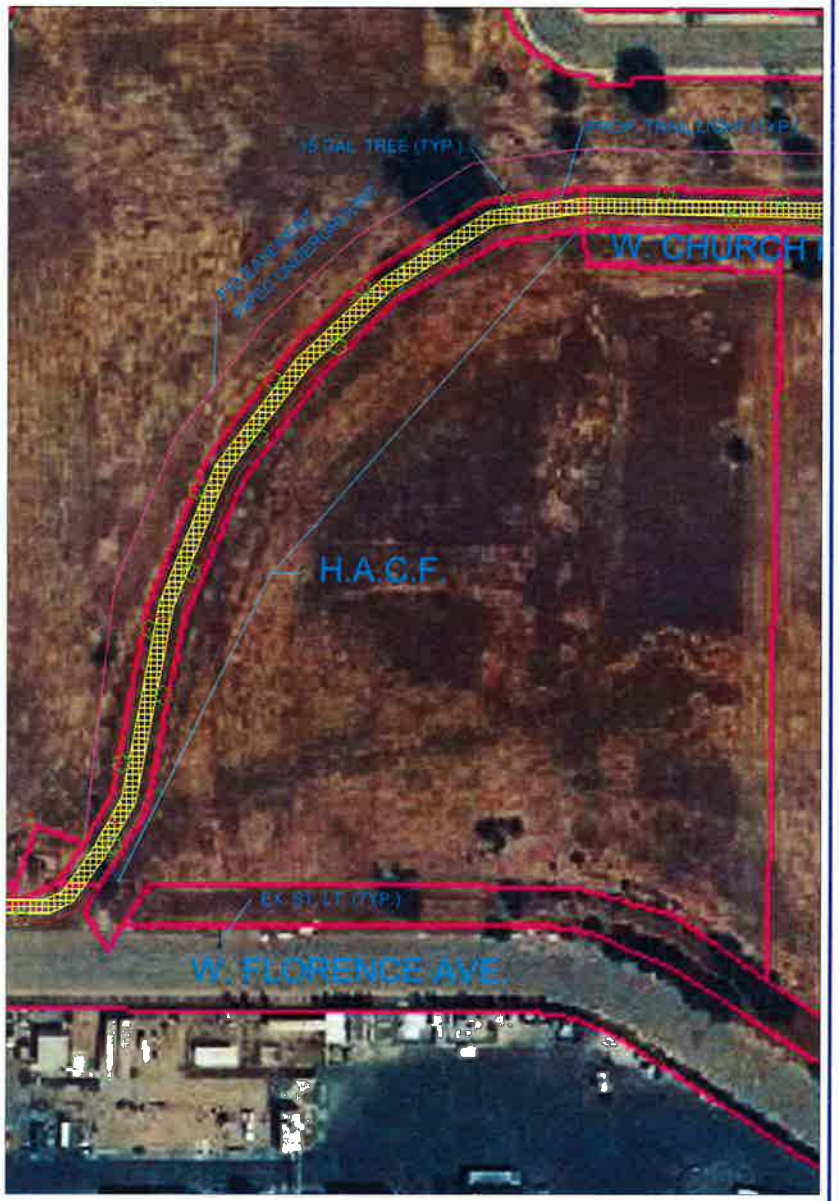

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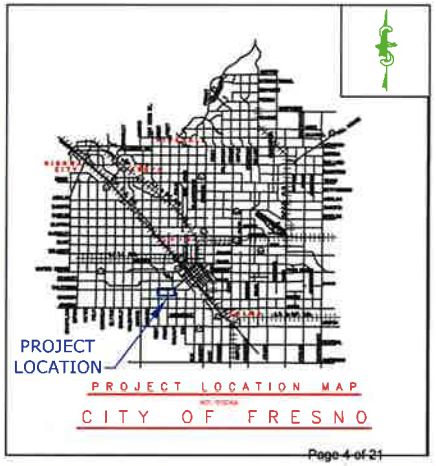

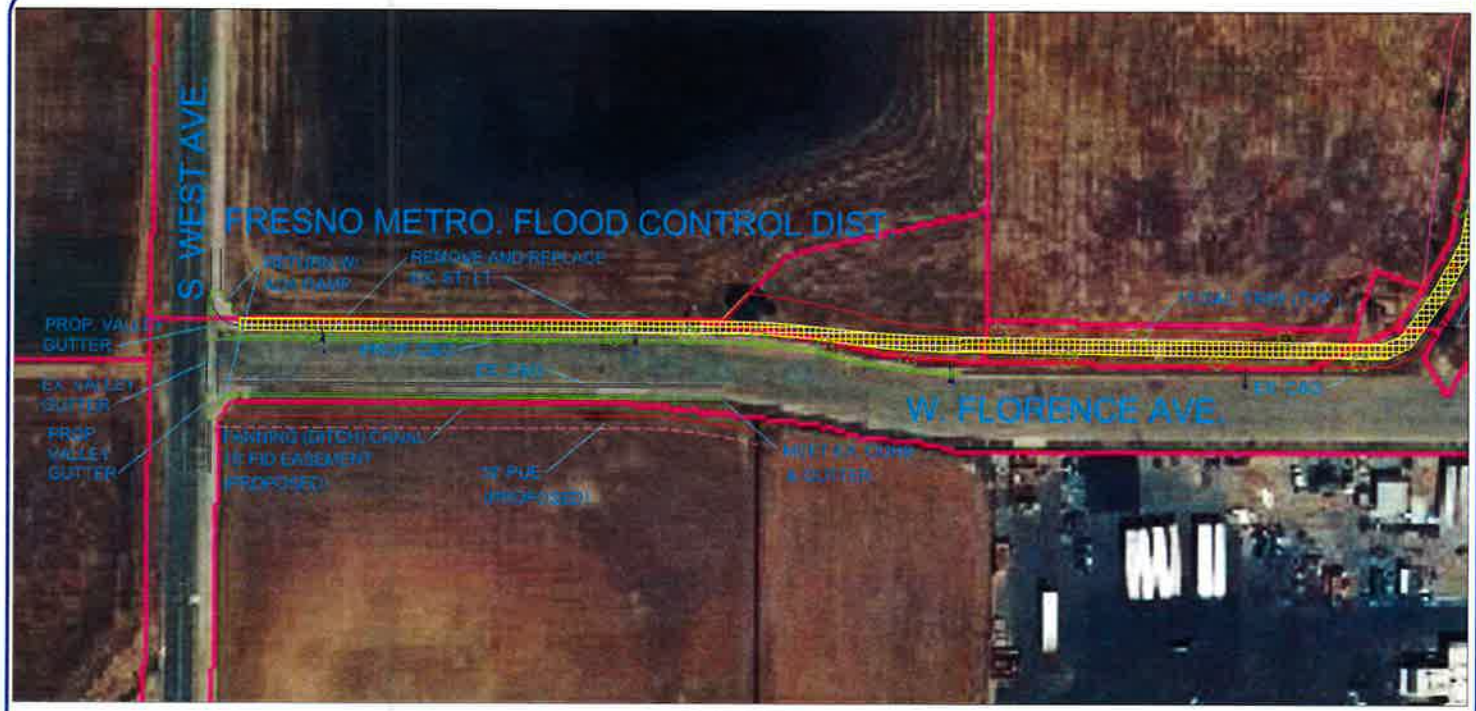

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