

FINAL  
INITIAL STUDY AND  
MITIGATED NEGATIVE DECLARATION

FOR THE

GBxMANTECA PROJECT

OCTOBER 24, 2022

*Prepared for:*

City of Manteca – City Hall  
1001 West Center Street  
Manteca, CA 95337  
(209) 456-8000

*Prepared by:*

De Novo Planning Group  
1020 Suncastr Lane, Suite 106  
El Dorado Hills, CA 95762  
(916) 580-9818

D e N o v o P l a n n i n g G r o u p

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A Land Use Planning, Design, and Environmental Firm





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# Proposed GBxManteca Project

**Lead Agency:**

City of Manteca  
1001 West Center Street  
Manteca, CA 95337

**Project Title:** GBxManteca Project

**Project Location:** The 16.02-acre Project site is located at 2261 Operation Place (APN: 198-030-38). The Project site is within the Northwest Airport Way Master Plan area, is zoned 'Master Plan' (MP), and is designated as 'Light Industrial (LI) in the General Plan. The Project site is the previously approved Container Yard developed and owned by CenterPoint Properties. The Project site is bound by a rail freight transfer station to the north, Crothall Healthcare, S. Airport Way and residences to the east, agricultural orchards and Lathrop Road to the south and a vacant lot to the west. The Project site is at approximately 23 feet above mean sea level (msl) and the topography is generally flat.

**Project Description:** The existing use is a Container Yard, which was approved, but was not fully constructed and is not operational. The future use is anticipated to be a beverage distribution facility that generates 280 employees, creating 132 truck trips per day, and 530 passenger vehicle trips per day. The parking area is designed with 251 car parking stalls, and 56 trailer stalls. The operational business will provide beverage products distribution to local area retailers. The facility will provide temporary warehousing of beverage products, office administration of warehouse on site, and truck maintenance on site. The facility will be a 295,176 sf-tilt up concrete building with 40 truck docks, and 3 bay truck maintenance facility. The building use is broken into 270,176 sf for warehouse space, and 25,000 sf for office space. The footprint of the building is 280,983-sf, with 14,193 sf of the second level. There will be refrigerated space inside the building totaling 20,000 sf for a Keg Box that maintains a 38 degrees F temperature and CTW 10,000 sf 50 degrees F (cool air from Keg Box flows into this area via vents). Refrigerant used in roof mounted refrigeration equipment is CO2. The cold storage component of the proposed Project is specifically for Coors products, but it is noted that Coors allows a period of time between removal from a 38-degree cooler, trucking in a non-refrigerated truck to the warehouse and put back into a 38-degree cooler. Therefore, the refrigerated and non-refrigerated products will be delivered to stores in non-refrigerated trucks. Stormwater management at the Project site would comply with the requirements of the City of Manteca Municipal Code. The proposed Project is consistent with the light industrial design standards and guidelines established in the approved Northwest Airport Way Master Plan, and implements the small-scale light industrial uses that are encouraged within the Northwest Airport Way Master Plan. Furthermore, the environmental impacts of this proposed development have already been fully analyzed in accordance with the California Environmental Quality Act (CEQA) under the certified Northwest Airport Way Master Plan Final Environmental Impact Report (State Clearinghouse Number 2010022024). Future tenants of the proposed Project would be required to comply with the uses that are permitted by right (and conditionally permitted with procurement of a Conditional Use Permit) within the Light Industrial Zoning District by the City of Manteca Zoning Code.

**Findings:**

In accordance with the California Environmental Quality Act, the City of Manteca has prepared an Initial Study to determine whether the proposed project may have a significant adverse effect on the environment. The Initial Study and Proposed Mitigated Negative Declaration reflect the independent judgment of City of Manteca staff. On the basis of the Initial Study, the City of Manteca hereby finds:

*Although the proposed project could have a significant adverse effect on the environment, there will not be a significant adverse effect in this case because the project has incorporated specific provisions to reduce impacts to a less than significant level and/or the mitigation measures described herein have been added to the project. A Mitigated Negative Declaration has thus been prepared.*

The Initial Study, which provides the basis and reasons for this determination, is attached and/or referenced herein and is hereby made a part of this document.

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Signature

Date

## Proposed Mitigation Measures:

The following Mitigation Measures are extracted from the Initial Study. These measures are designed to avoid or minimize potentially significant impacts, and thereby reduce them to an insignificant level. A Mitigation Monitoring and Reporting Program (MMRP) is an integral part of project implementation to ensure that mitigation is properly implemented by the City and the implementing agencies. The MMRP will describe actions required to implement the appropriate mitigation for each CEQA category including identifying the responsible agency, program timing, and program monitoring requirements. Based on the analysis and conclusions of the Initial Study, the impacts of proposed project would be mitigated to less-than-significant levels with the implementation of the mitigation measures presented below.

### AGRICULTURE AND FORESTRY RESOURCES

**MM AG-1:** At the time building permits are sought for any Master Plan contemplated use, the project applicant shall pay the required City of Manteca agricultural mitigation fee to help offset the conversion of Important Farmland pursuant to Manteca Municipal Code Chapter 13.42.

### AIR QUALITY

**MM AIR-1a:** Prior to issuance of grading permits for each Master Plan use, the project applicant shall provide information to the City of Manteca describing the methods by which the following measures will be complied with:

- Off-road equipment used onsite shall achieve a fleet average emissions equal to or less than the Tier II emissions standard of 4.8 grams of NO<sub>x</sub> per horsepower hour. This can be achieved through any combination of uncontrolled engines and engines complying with Tier II and above engine standards. Tier II emission standards are set forth in Section 2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations.
- Construction equipment shall be properly maintained at an offsite location; maintenance shall include proper tuning and timing of engines. Equipment maintenance records and data sheets of equipment design specifications shall be kept on-site during construction.
- Onsite construction equipment shall not idle for more than 5 minutes in any one hour.
- During the building phase, onsite electrical hook ups shall be provided for electric construction tools including saws, drills and compressors, to eliminate the need for diesel powered electric generators.
- Construction workers shall be encouraged to carpool to and from the construction site to the greatest extent practical. Workers shall be informed in writing and a letter shall be placed on file in the City office documenting efforts to carpool.

**MM AIR-1b:** During the architectural coating phase for all Master Plan uses, paints with a volatile organic compound content less than 10 grams per liter shall be used.

**MM AIR-1c:** Prior to issuance of building permits for each Master Plan building, the project applicant shall demonstrate compliance with all applicable requirements of San Joaquin Valley Air Pollution Control District, Rule 9510 via the submittal of a Rule 9510 Implementation Plan to the City of Manteca for review and approval. The implementation plan shall achieve a 33-percent reduction in NO<sub>x</sub> and a 45-percent reduction in PM<sub>10</sub> over the first 10 years of operations through the use of onsite emissions reduction measures or through the payment of offsite mitigation fees to the SJVAPCD for purchase of emission reductions. The requirements of the approved implementation plan shall be incorporated into the proposed project.

**MM AIR-1d:** Prior to approval of the final site plan for each Master Plan building that would receive 10 more truck deliveries per week, the project applicant shall demonstrate that the following anti-idling measures would be implemented:

- Provide available electricity hookups for trucks in the loading dock areas.
- Signs shall be posted in dock areas advising drivers that idling shall not occur for more than 3 minutes.
- Telephone numbers of the building facilities manager and the California Air Resources Board shall be posted on signs at truck entrances to report idling violations.

**MM AIR-6:** Prior to final site plan approval for any Master Plan use that includes food service (i.e., restaurants, cafeterias, etc.), the applicant shall demonstrate compliance with SJVAPCD Rules 4102 (Nuisance) and 4692 (Commercial Charbroiling) to the extent that these rules are applicable. Compliance may entail the installation of kitchen exhaust vents, exhaust filtration systems, or other odor-reduction measures in accordance with accepted engineering practice. The approved plans shall be incorporated into the proposed project.

## BIOLOGICAL RESOURCES

**MM BIO-1a:** If ground clearing or vegetation removal activities occur during the nesting season (February 15 through August 31), then pre-construction surveys for nesting birds shall be conducted in all area suitable for nesting that are located within 250 feet of the Master Plan area. Surveys shall be conducted no more than 15 days prior to the beginning of ground disturbance. If an active nest is located, a 250-foot buffer shall be delineated and maintained around the nest until a qualified biologist has determined that fledging has occurred. Alternatively, CDFG may be consulted to determine if the protective buffer can be reduced based upon individual species responses to disturbance. This mitigation measure does not apply if ground clearing or vegetation removal activities occur outside of the nesting season (September 1 through February 14).

**MM BIO-1b:** No more than 30 day prior to the beginning of ground disturbance, a pre-construction survey for burrowing owls shall be conducted by a qualified biologist in general accordance with the Burrowing Owl Survey Protocol and Mitigation Guidelines by the California Burrowing Owl Consortium. Should the surveys be scheduled to occur during the period extending from February 1 through May 1, then surveys shall be conducted no more than 15 days prior to the start of ground disturbance. Surveys shall be conducted from 2 hours before sunset to 1 hour after sunset, or from 1 hour before sunrise to 2 hours after sunrise, and shall be conducted during weather conducive to observing owls outside of their burrows. No surveys shall occur during heavy rain, high winds, or dense fog. If occupied burrows are found, mitigation for potential impacts shall follow the guidelines outlined by the Burrowing Owl Survey Protocol and Mitigation Guidelines, including passive relocation.

**MM BIO-6:** Prior to issuance of the first grading or building permit for the Master Plan, the project applicant shall obtain coverage under the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan. Coverage shall consist of approval of the Master Plan-specific "Section 8.2.1 (10) Checklist for Unmapped SJMSCP Projects" by the San Joaquin Council of Governments Technical Advisory Committee. The applicant shall pay all required fees to the San Joaquin Council of Governments prior to the commencement of construction activities.

## CULTURAL RESOURCES

**MM CUL-1:** If potentially significant historic resources are encountered during subsurface excavation activities for any Master Plan use, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate California Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.

**MM CUL-2:** If potentially significant archaeological resources are encountered during subsurface excavation activities, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.

**MM CUL-3:** In the event that plant or animal fossils are discovered during subsurface excavation activities for the proposed project, all excavation within 50 feet of the fossil shall cease until a qualified paleontologist has determined the significance of the find and provides recommendations in accordance with Society of Vertebrate Paleontology standards. The paleontologist shall notify the City of Manteca to determine procedures to be followed before construction is allowed to resume at the location of the find. If the find is determined to be significant and the City determines that avoidance is not feasible, the paleontologist shall design and implement a data recovery plan consistent with the Society of Vertebrate Paleontology standards. The plan shall be submitted to the City for review and approval. Upon approval, the plan shall be incorporated into the project.

**MM CUL-4:** If previously unknown human remains are encountered during construction activities, Section 7050.5 of the California Health and Safety Code applies, and the following procedures shall be followed: In the event of an accidental discovery or recognition of any human remains, Public Resource Code Section 5097.98 must be followed. Once project-related ground disturbance begins and if there is accidental discovery of human remains, the following steps shall be taken:

- There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the San Joaquin County Coroner's Office is contacted to determine if the remains are Native American and if an investigation into cause of death is required. If the coroner determines the remains are Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the "most likely descendant" of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.

#### GEOLOGY AND SOILS

**MM GEO-1:** Prior to issuance of building permits for each Master Plan use, the project applicant shall submit a design-level geotechnical study and building plans to the City of Manteca for review and approval. The building plans shall demonstrate that they incorporate all applicable recommendations of the design-level geotechnical study and comply with all applicable requirements of the most recent version of the California Building Standards Code. A licensed professional engineer shall prepare the plans, including those that pertain to soil engineering, structural foundations, pipeline excavation, and installation. The approved plans shall be incorporated into the proposed project. All onsite soil engineering activities shall be conducted under the supervision of a licensed Geotechnical Engineer or Certified Engineering Geologist.

#### HAZARDS AND HAZARDOUS MATERIALS

**MM HAZ-1a:** Prior to grading activities for any Master Plan use in areas where total petroleum hydrocarbons of diesel (i.e. TPH-D) has been detected, the applicant shall conduct soil sampling to delineate the horizontal and vertical extent of the TPH-D in order to implement a soil remediation program. Soil remediation shall be conducted in accordance with California Department of Toxic Substances Control (DTSC) guidelines. Contaminated soil shall be excavated and disposed of at an approved disposal facility. Following excavation, confirmation sampling shall be conducted to confirm whether remaining soil meets acceptable applicable regulatory levels. The excavation shall be backfilled with clean soil.

**MM HAZ-1b:** Prior to grading activities for any Master Plan use, any onsite wells or septic systems intended to be removed shall be destroyed under permit and inspection with San Joaquin County Environmental Health Department.

#### HYDROLOGY AND WATER QUALITY

**MM HYD-1:** Prior to the issuance of grading or building permits for each proposed activities within the Master Plan area, the project applicant shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the City of Manteca that identifies specific actions and Best Management Practices (BMPs) to prevent stormwater pollution during construction activities. The SWPPP shall identify a practical sequence for BMP implementation, monitoring, and maintenance; site restoration; contingency measures; responsible parties; and agency contacts. The SWPPP shall include but not be limited to the following elements:

- Temporary erosion control measures shall be employed for disturbed areas.
- Specific measures shall be identified to protect the onsite open drainages during construction of the proposed resort.
- Specific measures shall be identified to protect the French Camp Outlet Canal and Drain 3 during any construction activities.
- No disturbed surfaces shall be left without erosion control measures in place during the winter and spring months.
- Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures.



- The construction contractor shall prepare Standard Operating Procedures for the handling of hazardous materials on the construction site to eliminate or reduce discharge of materials to storm drains.
- BMP performance and effectiveness shall be determined either by visual means where applicable (e.g., observation of above-normal sediment release), or by actual water sampling in cases where verification of contaminant reduction or elimination (such as inadvertent petroleum release) is required by the RWQCB to determine adequacy of the measure.
- In the event of significant construction delays or delays in final landscape installation, native grasses or other appropriate vegetative cover shall be established on the construction site as soon as possible after disturbance, as an interim erosion control measure throughout the wet season.

**MM HYD-2:** Prior to the issuance of building or grading permits for any development activities that occur pursuant to the Master Plan, the project applicant shall submit a stormwater quality control plan to the City of Manteca for review and approval. The plan shall include a detailed drainage plan and identify expected site-specific pollutants and required measures to treat those pollutants before they reach the regional detention basins and, ultimately, the French Camp Outlet Canal and San Joaquin River. The approved measures shall be incorporated into the proposed project. The plan will describe monitoring and performance measures and standards required in order to ensure water quality is adequately protected during operation of all proposed sites within the project area. Examples of stormwater pollution prevention measures and practices to be incorporated into the plan include but are not limited to:

- Strategically placed bioswales and landscaped areas that promote percolation of runoff
- Pervious pavement
- Roof drains that discharge to landscaped areas
- Trash enclosures with screen walls and roofs
- Stenciling on storm drains
- Curb cuts in parking areas to allow runoff to enter landscaped areas
- Rock-lined areas along landscaped areas in parking lots
- Catch basins
- Oil/water separators
- Regular sweeping of parking areas and cleaning of storm drainage facilities
- Employee training to inform maintenance personnel of stormwater pollution prevention measures

**MM HYD-4:** Prior to the issuance of building or grading permits for the proposed project, the project applicant shall submit a stormwater quality control plan for the project as a whole to the City of Manteca for review and approval. The plan shall include a detailed drainage plan that demonstrates attainment of pre-project runoff requirements prior to release at the outlet canal and describes the volume reduction measures and treatment controls used to reach attainment. The drainage plan shall identify all expected flows from the project area and the location, size, and type of facilities used to retain and treat the runoff volumes and peak flows to meet pre-project conditions. The approved drainage plan shall be incorporated into the proposed project.

## NOISE

**MM NOI-1:** During construction activities for all Master Plan uses, the applicant shall require its construction contractors to adhere to the following noise attenuation requirements:

- Construction activities shall be limited to the hours between 7 a.m. to 8 p.m. daily. The City of Manteca Director of Public Works shall have the discretion to permit construction activities to occur outside of allowable hours if compelling circumstances warrant such an exception (e.g., weather conditions necessary to pour concrete).
- All construction equipment shall use noise-reduction features (e.g., mufflers and engine shrouds) that are no less effective than those originally installed by the manufacturer. If no noise-reduction features were installed by the manufacturer, then the contractor shall require that at least a muffler be installed on the equipment.
- Construction staging and heavy equipment maintenance activities shall be performed a minimum distance of 300 feet from the nearest residence, unless safety or technical factors take precedence (e.g., an equipment breakdown).
- A 10-foot-high construction noise barrier shall be installed along the edge of the Master Plan area within 300 feet of any offsite residence prior to start of grading activities. The noise barrier shall either be constructed of a minimum 0.5-inch plywood or utilize acoustical blankets with a minimum Sound Transmission Class of 12. The barrier shall remain in place until noise intensive aspects of construction are completed.

**MM NOI-4:** During Master Plan operations, the use of street sweepers and mechanical landscape maintenance equipment (lawnmowers, leaf blowers, etc.) shall be prohibited between the hours of 10 p.m. and 7 a.m.

## PUBLIC SERVICES

**MM PSU-1:** Prior to issuance of building permits for any Master Plan uses, the project applicant shall provide the City of Manteca will all applicable fire protection development fees in accordance with the latest adopted fee schedule.

## TRANSPORTATION

**MM TRANS-1:** Prior to issuance of building permits for each Master Plan use, the applicant shall pay all transportation-related fees in accordance with the latest adopted fee schedule at the time permits are sought. Such fees shall include, but not be limited to, the City of Manteca Public Facilities Implementation Plan fee and the San Joaquin County Regional Transportation Impact Fee.

**MM TRANS-4a:** Prior to site plan review for each Master Plan use, the applicant shall consult with the City of Manteca Community Development Department about appropriate frontage improvements. All necessary frontage improvements shall be depicted on the final site plan and implemented as part of site development.

**MM TRANS-6a:** Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department, Manteca Transit, and the San Joaquin Regional Transit District about the inclusion of appropriate transit facilities (turnouts, shelters, etc.) or services (e.g., an employee shuttle). If transit facilities are deemed to be necessary, they shall be provided on the final site plan. If transit services are deemed to be necessary, the applicant shall prepare a service plan and submit it to the City of Manteca for review and approval. The approved plan shall be incorporated into the project. To the extent feasible, transit facilities and services shall be coordinated among Master Plan uses to maximize efficiency and effectiveness.

**MM TRANS-6b:** Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate bicycle facilities (racks, lockers, etc.). If bicycle facilities are deemed to be necessary, such facilities shall be provided on the final site plan.

**MM TRANS-6c:** Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate pedestrian facilities. If pedestrian facilities are deemed to be necessary, such facilities shall be provided on the final site plan.

**MM TRANS-7:** Prior to issuance of grading permits for each Master Plan use, the applicant shall submit a Construction Traffic Control Plan to the City of Manteca for review and approval. The plan shall identify the timing and routing of all major construction equipment and trucking to avoid potential traffic congestion and delays on the local street network. The plan shall encourage the use of Interstate 5 (I-5), Roth Road, Airport Way, and Lathrop Road wherever practical. Anticipated temporary road closures should be identified, along with safety measures and detours. If necessary, construction equipment and materials deliveries shall be limited to off-peak hours to avoid conflicts with local traffic circulation. The plan shall also identify suitable locations for construction worker parking.

## UTILITIES

**MM PSU-3a:** Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying a non-potable irrigation system that is separate from the potable water systems. The non-potable irrigation system shall use non-potable well water until recycled water is available, at which point it shall be converted to use recycled water.

**MM PSU-3b:** Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying that all appropriate and feasible water conservation measures are incorporated into the proposed use(s). The approved measures shall be incorporated into the final development plans. Examples of water conservation measures include but are not limited to:

- Drought-tolerant landscaping or xeriscaping
- Water efficient irrigation systems (drip irrigation, bubbler/soaker systems, hydrozones, evapotranspiration controllers, etc.)
- Sensor-activated low-flow fixtures (e.g., faucets, urinals, and toilets)

**MM PSU-6a:** Prior to issuance of building permits for any building developed pursuant to the Master Plan, the project applicant shall retain a qualified contractor to perform construction and demolition debris recycling. Following the completion of construction activities, the project applicant shall provide documentation to the satisfaction of the City of Manteca demonstrating that construction and demolition debris was recycled.

**MM PSU-6b:** Prior to issuance of building permits for each building developed pursuant to the Master Plan, the project applicant shall provide information to the City of Manteca describing the methods by which recycling and waste diversion activities shall be achieved. This information shall include but is not limited to the type and location of facilities necessary to collect and store recyclable materials, contractors who would pick-up recyclable and reusable materials, and how recycling and waste diversion activities would be integrated into operational practices. To the extent feasible, centralized recycling facilities are encouraged to enhance the ease and efficiency of such practices. The approved facilities and practices shall be incorporated into the uses envisioned by the Master Plan.

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# INITIAL STUDY CHECKLIST

## PROJECT TITLE

GBxManteca Project

## LEAD AGENCY NAME AND ADDRESS

City of Manteca – City Hall  
1001 West Center Street  
Manteca, CA 95337  
(209) 456-8000

## CONTACT PERSON AND PHONE NUMBER

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## PROJECT LOCATION AND SETTING

The 16.02-acre Project site is located at 2261 Operation Place (APN: 198-030-38). Figure 1 and 2 illustrate the regional location and project vicinity. The Project site is within the Northwest Airport Way Master Plan area, is zoned 'Master Plan' (MP), and is designated as 'Light Industrial (LI) in the General Plan.

The Project site is the previously approved Container Yard developed and owned by CenterPoint Properties. The Project site is bound by a rail freight transfer station to the north, Crothall Healthcare, S. Airport Way and residences to the east, agricultural orchards and Lathrop Road to the south and a vacant lot to the west. The Project site is at approximately 23 feet above mean sea level (msl) and the topography is generally flat. The current uses of the adjoining properties include:

- North of the Site: an irrigation drainage canal, an inactive cheese facility, and a rail freight transfer station along the northeast boundary;
- East of the Site: Crothall Healthcare office, S. Airport Way and residential housing;
- South of the Site: agricultural orchards; and
- West of the Site: a vacant lot.

## PROJECT DESCRIPTION

The existing use is a Container Yard, which was approved, but was not fully constructed and is not operational. The future use is anticipated to be a beverage distribution facility that generates 132 truck trips per day, and 530 passenger vehicle trips per day. The parking area is designed with 251 car parking stalls, and 56 trailer stalls. Figure 3a provides a site plan and Figure 3b provides elevations of the buildings.

The operational business will provide beverage products distribution to local area retailers. The facility will provide temporary warehousing of beverage products, office administration of

warehouse on site, and truck maintenance on site. The facility will be a 295,176-sf tilt up concrete building with 40 truck docks, and 3 bay truck maintenance facility. The building use is broken into 270,176 sf for warehouse space, and 25,000 sf for office space. The footprint of the building is 280,983-sf, with 14,193 sf of the second level.

There will be refrigerated space inside the building totaling 20,000 sf for a Keg Box that maintains a 38 degrees F temperature and CTW 10,000 sf 50 degrees F (cool air from Keg Box flows into this area via vents). Refrigerant used in roof mounted refrigeration equipment is CO<sub>2</sub>. The cold storage component of the proposed Project is specifically for Coors products, but it is noted that Coors allows a period of time between removal from a 38-degree cooler, trucking in a non-refrigerated truck to the warehouse and put back into a 38-degree cooler. Therefore, the refrigerated and non-refrigerated products will be delivered to stores in non-refrigerated trucks. Stormwater management at the Project site would comply with the requirements of the City of Manteca Municipal Code.

The proposed Project is consistent with the light industrial design standards and guidelines established in the approved Northwest Airport Way Master Plan, and implements the small-scale light industrial uses that are encouraged within the Northwest Airport Way Master Plan. Furthermore, the environmental impacts of this proposed development have already been fully analyzed in accordance with the California Environmental Quality Act (CEQA) under the certified Northwest Airport Way Master Plan Final Environmental Impact Report (State Clearinghouse Number 2010022024). Future tenants of the proposed Project would be required to comply with the uses that are permitted by right (and conditionally permitted with procurement of a Conditional Use Permit) within the Light Industrial Zoning District by the City of Manteca Zoning Code.

## **PROJECT BACKGROUND**

The proposed Project is located within the Northwest Airport Way Master Plan area (Master Plan area), which is a master plan area that guides the development of industrial uses, community commercial uses, and associated site improvements on 390 acres. An Environmental Impact Report (EIR) was prepared for the Northwest Airport Way Master Plan area (State Clearinghouse # 2010022024) in 2010 (Master Plan EIR). Several EIR Addendums and Mitigated Negative Declarations have been completed for projects within the Master Plan area.

### **Tiering**

According to CEQA Guidelines section 15168, subdivision (c)(5), “[a] program EIR will be most helpful in dealing with later activities if it provides a description of planned activities that would implement the program and deals with the effects of the program as specifically and comprehensively as possible.” Later environmental documents (EIRs, mitigated negative declarations, or negative declarations) can incorporate by reference materials from the program EIR regarding regional influences, secondary impacts, cumulative impacts, broad alternatives, and other factors (CEQA Guidelines Section 15168[d][2]). These later documents need only focus on new impacts that have not been considered before (CEQA Guidelines Section 15168[d][3]).

Section 15168(c), entitled “Use with Later Activities,” provides, in pertinent part, as follows:

Later activities in the program must be examined in the light of the program EIR to determine whether an additional environmental document must be prepared:



1. If a later activity would have effects that were not examined in the program EIR, a new Initial Study would need to be prepared leading to either an EIR or a Negative Declaration. That later analysis may tier from the program EIR as provided in Section 15152.
2. If the agency finds that pursuant to Section 15162, no subsequent EIR would be required, the agency can approve the activities as being within the scope of the project covered by the program EIR, and no new environmental document would be required. Whether a later activity is within the scope of a program EIR is a factual question that the lead agency determines based on substantial evidence in the record. Factors that an agency may consider in making that determination include, but are not limited to, consistency of the later activity with the type of allowable land use, overall planned density and building intensity, geographic area analyzed for environmental impacts, and covered infrastructure, as described in the program EIR.
3. An agency shall incorporate feasible mitigation measures and alternatives developed in the program EIR into later activities in the program.
4. Where the later activities involve site specific operations, the agency should use a written checklist or similar device to document the evaluation of the site and the activity to determine whether the environmental effects of the operation were within the scope of the program EIR.

Generally, when a property owner submits applications for site-specific approvals (i.e., tentative maps, conditional use permits, or other discretionary entitlements), the City staff will review the applications for consistency with the higher tier document. This consistency review ultimately determines whether the application for site specific approval is consistent with the higher tier document, Conditions of Approval, and Mitigation Measures, and whether it is consistent with what was anticipated and analyzed in the program EIR. Often a City will conclude that most, or all, components of the site-specific application can be developed with no new analysis of environmental effects, or a focused analysis limited to the environmental effects that could not be reasonably foreseen at the time the certified EIR was prepared.

These site-specific approvals may be narrowed pursuant to the rules for tiering set forth in CEQA Guidelines Section 15152. “[T]iering is a process by which agencies can adopt programs, plans, policies, or ordinances with EIRs focusing on ‘the big picture,’ and can then use streamlined CEQA review for individual projects that are consistent with such...[first tier decisions] and are...consistent with local agencies’ governing general plans and zoning.” (*Koster v. County of San Joaquin* (1996) 47 Cal.App.4th 29, 36.) Section 15152 provides that, where a first-tier EIR has “adequately addressed” the subject of cumulative impacts, such impacts need not be revisited in second- and third-tier documents. Furthermore, second- and third-tier documents may limit the examination of impacts to those that “were not examined as significant effects” in the prior EIR or “[a]re susceptible to substantial reduction or avoidance by the choice of specific revisions in the project, by the imposition of conditions, or other means.” In general, significant environmental effects have been “adequately addressed” if the lead agency determines that:

- a. they have been mitigated or avoided as a result of the prior environmental impact report and findings adopted in connection with that prior environmental impact report; or
- b. they have been examined at a sufficient level of detail in the prior environmental impact report to enable those effects to be mitigated or avoided by site specific revisions, the

imposition of conditions, or by other means in connection with the approval of the later project.

Where a site-specific approval within the City warrants additional environmental review, there are several paths forward. This includes an EIR Addendum, a Mitigated Negative Declaration, or some form of Environmental Impact Report. The Mitigated Negative Declaration is a form of CEQA review that is commonly prepared for small projects built out under a Master Plan with a certified EIR. Based on the characteristics of the proposed Project, the City of Manteca has determined it is appropriate to develop an IS/MND for the proposed Project, using the tiering concept. Therefore, this IS/MND tiers from the Northwest Airport Way Master Plan EIR and the Addendum to the Northwest Airport Way Master Plan EIR. These documents can be found at the City of Manteca website at the following location:

1. <https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/Pages/Planning-Division-Documents.aspx>;

**Mitigation Measures**

Table PD-1, below, identifies the mitigation measures from the Northwest Airport Way Master Plan EIR that are applicable to the proposed Project. It should be noted that these mitigation measures, which are directly from the Northwest Airport Way Master Plan EIR, have been included throughout this IS/MND. It should also be noted that the mitigation measure lettering and numbering scheme for the mitigation measures in this IS/MND is consistent with the lettering and numbering scheme from the Northwest Airport Way Master Plan EIR, for the sake of consistency between the two documents.

**Table PD-1: Applicable Mitigation Measures from the Northwest Airport Way Master Plan EIR**

<i>Environmental Topic</i>	<i>Mitigation Measure Adopted by the City</i>
<b>Agricultural and Forestry Resources</b>	<b>MM AG-1:</b> At the time building permits are sought for any Master Plan contemplated use, the Project applicant shall pay the required City of Manteca agricultural mitigation fee to help offset the conversion of Important Farmland pursuant to Manteca Municipal Code Chapter 13.42.
<b>Air Quality &amp; Greenhouse Gas Emissions</b>	<p><b>MM AIR-1a:</b> Prior to issuance of grading permits for each Master Plan use, the Project applicant shall provide information to the City of Manteca describing the methods by which the following measures will be complied with:</p> <ul style="list-style-type: none"> <li>• Off-road equipment used onsite shall achieve a fleet average emissions equal to or less than the Tier II emissions standard of 4.8 grams of NOx per horsepower hour. This can be achieved through any combination of uncontrolled engines and engines complying with Tier II and above engine standards. Tier II emission standards are set forth in Section 2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations.</li> <li>• Construction equipment shall be properly maintained at an offsite location; maintenance shall include proper tuning and timing of engines. Equipment maintenance records and data sheets of equipment design specifications shall be kept on-site during construction.</li> <li>• Onsite construction equipment shall not idle for more than 5 minutes in any one hour.</li> <li>• During the building phase, onsite electrical hook ups shall be provided for electric construction tools including saws, drills and compressors, to eliminate the need for diesel powered electric generators.</li> </ul>

<b>Environmental Topic</b>	<b>Mitigation Measure Adopted by the City</b>
	<ul style="list-style-type: none"> <li>• Construction workers shall be encouraged to carpool to and from the construction site to the greatest extent practical. Workers shall be informed in writing and a letter shall be placed on file in the City office documenting efforts to carpool.</li> </ul> <p><b>MM AIR-1b:</b> During the architectural coating phase for all Master Plan uses, paints with a volatile organic compound content less than 10 grams per liter shall be used.</p> <p><b>MM AIR-1c:</b> Prior to issuance of building permits for each Master Plan building, the Project applicant shall demonstrate compliance with all applicable requirements of San Joaquin Valley Air Pollution Control District, Rule 9510 via the submittal of a Rule 9510 Implementation Plan to the City of Manteca for review and approval. The implementation plan shall achieve a 33-percent reduction in NOx and a 45-percent reduction in PM10 over the first 10 years of operations through the use of onsite emissions reduction measures or through the payment of offsite mitigation fees to the SJVAPCD for purchase of emission reductions. The requirements of the approved implementation plan shall be incorporated into the proposed Project.</p> <p><b>MM AIR-1d:</b> Prior to approval of the final site plan for each Master Plan building that would receive 10 more truck deliveries per week, the Project applicant shall demonstrate that the following anti-idling measures would be implemented:</p> <ul style="list-style-type: none"> <li>• Provide available electricity hookups for trucks in the loading dock areas.</li> <li>• Signs shall be posted in dock areas advising drivers that idling shall not occur for more than 3 minutes.</li> <li>• Telephone numbers of the building facilities manager and the California Air Resources Board shall be posted on signs at truck entrances to report idling violations.</li> </ul> <p><b>MM AIR-6:</b> Prior to final site plan approval for any Master Plan use that includes food service (i.e., restaurants, cafeterias, etc.), the applicant shall demonstrate compliance with SJVAPCD Rules 4102 (Nuisance) and 4692 (Commercial Charbroiling) to the extent that these rules are applicable. Compliance may entail the installation of kitchen exhaust vents, exhaust filtration systems, or other odor-reduction measures in accordance with accepted engineering practice. The approved plans shall be incorporated into the proposed Project.</p>
<b>Biological Resources</b>	<p><b>MM BIO-1a:</b> If ground clearing or vegetation removal activities occur during the nesting season (February 15 through August 31), then pre-construction surveys for nesting birds shall be conducted in all area suitable for nesting that are located within 250 feet of the Master Plan area. Surveys shall be conducted no more than 15 days prior to the beginning of ground disturbance. If an active nest is located, a 250-foot buffer shall be delineated and maintained around the nest until a qualified biologist has determined that fledging has occurred. Alternatively, CDFG may be consulted to determine if the protective buffer can be reduced based upon individual species responses to disturbance. This mitigation measure does not apply if ground clearing or vegetation removal activities occur outside of the nesting season (September 1 through February 14).</p> <p><b>MM BIO-1b:</b> No more than 30 day prior to the beginning of ground disturbance, a pre-construction survey for burrowing owls shall be conducted by a qualified biologist in general accordance with the Burrowing Owl Survey Protocol and Mitigation Guidelines by the California Burrowing Owl Consortium. Should the surveys be scheduled to occur during the period extending from February 1 through May 1, then surveys shall be conducted no more than 15 days prior to the start of ground disturbance. Surveys shall be conducted from 2 hours before sunset to 1 hour after sunset, or from 1 hour before sunrise to 2 hours after sunrise, and shall be conducted during weather conducive to observing owls outside of their burrows. No surveys shall occur during heavy rain, high winds, or dense fog. If occupied burrows are found, mitigation for potential impacts shall follow the guidelines outlined by the Burrowing Owl Survey Protocol and Mitigation Guidelines, including passive relocation.</p>

<i>Environmental Topic</i>	<i>Mitigation Measure Adopted by the City</i>
<b>Cultural &amp; Tribal Resources</b>	<p><b>MM CUL-1:</b> If potentially significant historic resources are encountered during subsurface excavation activities for any Master Plan use, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate California Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.</p> <p><b>MM CUL-2:</b> If potentially significant archaeological resources are encountered during subsurface excavation activities, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.</p> <p><b>MM CUL-3:</b> In the event that plant or animal fossils are discovered during subsurface excavation activities for the proposed Project, all excavation within 50 feet of the fossil shall cease until a qualified paleontologist has determined the significance of the find and provides recommendations in accordance with Society of Vertebrate Paleontology standards. The paleontologist shall notify the City of Manteca to determine procedures to be followed before construction is allowed to resume at the location of the find. If the find is determined to be significant and the City determines that avoidance is not feasible, the paleontologist shall design and implement a data recovery plan consistent with the Society of Vertebrate Paleontology standards. The plan shall be submitted to the City for review and approval. Upon approval, the plan shall be incorporated into the project.</p> <p><b>MM CUL-4:</b> If previously unknown human remains are encountered during construction activities, Section 7050.5 of the California Health and Safety Code applies, and the following procedures shall be followed: In the event of an accidental discovery or recognition of any human remains, Public Resource Code Section 5097.98 must be followed. Once project-related ground disturbance begins and if there is accidental discovery of human remains, the following steps shall be taken:</p>

<b>Environmental Topic</b>	<b>Mitigation Measure Adopted by the City</b>
	<ul style="list-style-type: none"> <li>• There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the San Joaquin County Coroner’s Office is contacted to determine if the remains are Native American and if an investigation into cause of death is required. If the coroner determines the remains are Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the “most likely descendant” of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.</li> </ul>
<b>Geology and Soils</b>	<p><b>MM GEO-1:</b> Prior to issuance of building permits for each Master Plan use, the Project applicant shall submit a design-level geotechnical study and building plans to the City of Manteca for review and approval. The building plans shall demonstrate that they incorporate all applicable recommendations of the design-level geotechnical study and comply with all applicable requirements of the most recent version of the California Building Standards Code. A licensed professional engineer shall prepare the plans, including those that pertain to soil engineering, structural foundations, pipeline excavation, and installation. The approved plans shall be incorporated into the proposed Project. All onsite soil engineering activities shall be conducted under the supervision of a licensed Geotechnical Engineer or Certified Engineering Geologist.</p>
<b>Hydrology and Water Quality</b>	<p><b>MM HYD-1:</b> Prior to the issuance of grading or building permits for each proposed activities within the Master Plan area, the Project applicant shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the City of Manteca that identifies specific actions and Best Management Practices (BMPs) to prevent stormwater pollution during construction activities. The SWPPP shall identify a practical sequence for BMP implementation, monitoring, and maintenance; site restoration; contingency measures; responsible parties; and agency contacts. The SWPPP shall include but not be limited to the following elements:</p> <ul style="list-style-type: none"> <li>• Temporary erosion control measures shall be employed for disturbed areas.</li> <li>• Specific measures shall be identified to protect the onsite open drainages during construction of the proposed resort.</li> <li>• Specific measures shall be identified to protect the French Camp Outlet Canal and Drain 3 during any construction activities.</li> <li>• No disturbed surfaces shall be left without erosion control measures in place during the winter and spring months.</li> <li>• Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures.</li> <li>• The construction contractor shall prepare Standard Operating Procedures for the handling of hazardous materials on the construction site to eliminate or reduce discharge of materials to storm drains.</li> <li>• BMP performance and effectiveness shall be determined either by visual means where applicable (e.g., observation of above-normal sediment release), or by actual water sampling in cases where verification of contaminant reduction or elimination (such as inadvertent petroleum release) is required by the RWQCB to determine adequacy of the measure.</li> <li>• In the event of significant construction delays or delays in final landscape installation, native grasses or other appropriate vegetative cover shall be established on the construction site as soon as possible after disturbance, as an interim erosion control measure throughout the wet season.</li> </ul>

<b>Environmental Topic</b>	<b>Mitigation Measure Adopted by the City</b>
	<p><b>MM HYD-2:</b> Prior to the issuance of building or grading permits for any development activities that occur pursuant to the Master Plan, the Project applicant shall submit a stormwater quality control plan to the City of Manteca for review and approval. The plan shall include a detailed drainage plan and identify expected site-specific pollutants and required measures to treat those pollutants before they reach the regional detention basins and, ultimately, the French Camp Outlet Canal and San Joaquin River. The approved measures shall be incorporated into the proposed Project. The plan will describe monitoring and performance measures and standards required in order to ensure water quality is adequately protected during operation of all proposed sites within the project area. Examples of stormwater pollution prevention measures and practices to be incorporated into the plan include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Strategically placed bioswales and landscaped areas that promote percolation of runoff</li> <li>• Pervious pavement</li> <li>• Roof drains that discharge to landscaped areas</li> <li>• Trash enclosures with screen walls and roofs</li> <li>• Stenciling on storm drains</li> <li>• Curb cuts in parking areas to allow runoff to enter landscaped areas</li> <li>• Rock-lined areas along landscaped areas in parking lots</li> <li>• Catch basins</li> <li>• Oil/water separators</li> <li>• Regular sweeping of parking areas and cleaning of storm drainage facilities</li> <li>• Employee training to inform maintenance personnel of stormwater pollution prevention measures</li> </ul> <p><b>MM HYD-4:</b> Prior to the issuance of building or grading permits for the proposed Project, the Project applicant shall submit a stormwater quality control plan for the project as a whole to the City of Manteca for review and approval. The plan shall include a detailed drainage plan that demonstrates attainment of pre-project runoff requirements prior to release at the outlet canal and describes the volume reduction measures and treatment controls used to reach attainment. The drainage plan shall identify all expected flows from the project area and the location, size, and type of facilities used to retain and treat the runoff volumes and peak flows to meet pre-project conditions. The approved drainage plan shall be incorporated into the proposed Project.</p>
<b>Noise</b>	<p><b>MM NOI-1:</b> During construction activities for all Master Plan uses, the applicant shall require its construction contractors to adhere to the following noise attenuation requirements:</p> <ul style="list-style-type: none"> <li>• Construction activities shall be limited to the hours between 7 a.m. to 8 p.m. daily. The City of Manteca Director of Public Works shall have the discretion to permit construction activities to occur outside of allowable hours if compelling circumstances warrant such an exception (e.g., weather conditions necessary to pour concrete).</li> <li>• All construction equipment shall use noise-reduction features (e.g., mufflers and engine shrouds) that are no less effective than those originally installed by the manufacturer. If no noise-reduction features were installed by the manufacturer, then the contractor shall require that at least a muffler be installed on the equipment.</li> <li>• Construction staging and heavy equipment maintenance activities shall be performed a minimum distance of 300 feet from the nearest residence, unless safety or technical factors take precedence (e.g., an equipment breakdown).</li> </ul>

<b>Environmental Topic</b>	<b>Mitigation Measure Adopted by the City</b>
	<ul style="list-style-type: none"> <li>• A 10-foot-high construction noise barrier shall be installed along the edge of the Master Plan area within 300 feet of any offsite residence prior to start of grading activities. The noise barrier shall either be constructed of a minimum 0.5-inch plywood or utilize acoustical blankets with a minimum Sound Transmission Class of 12. The barrier shall remain in place until noise intensive aspects of construction are completed.</li> </ul> <p><b>MM NOI-4:</b> During Master Plan operations, the use of street sweepers and mechanical landscape maintenance equipment (lawnmowers, leaf blowers, etc.) shall be prohibited between the hours of 10 p.m. and 7 a.m.</p>
<b>Public Services</b>	<p><b>MM PSU-1:</b> Prior to issuance of building permits for any Master Plan uses, the Project applicant shall provide the City of Manteca will all applicable fire protection development fees in accordance with the latest adopted fee schedule.</p>
<b>Transportation</b>	<p><b>MM TRANS-1:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall pay all transportation-related fees in accordance with the latest adopted fee schedule at the time permits are sought. Such fees shall include, but not be limited to, the City of Manteca Public Facilities Implementation Plan fee and the San Joaquin County Regional Transportation Impact Fee.</p> <p><b>MM TRANS-4a:</b> Prior to site plan review for each Master Plan use, the applicant shall consult with the City of Manteca Community Development Department about appropriate frontage improvements. All necessary frontage improvements shall be depicted on the final site plan and implemented as part of site development.</p> <p><b>MM TRANS-6a:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department, Manteca Transit, and the San Joaquin Regional Transit District about the inclusion of appropriate transit facilities (turnouts, shelters, etc.) or services (e.g., an employee shuttle). If transit facilities are deemed to be necessary, they shall be provided on the final site plan. If transit services are deemed to be necessary, the applicant shall prepare a service plan and submit it to the City of Manteca for review and approval. The approved plan shall be incorporated into the project. To the extent feasible, transit facilities and services shall be coordinated among Master Plan uses to maximize efficiency and effectiveness.</p> <p><b>MM TRANS-6b:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate bicycle facilities (racks, lockers, etc.). If bicycle facilities are deemed to be necessary, such facilities shall be provided on the final site plan.</p> <p><b>MM TRANS-6c:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate pedestrian facilities. If pedestrian facilities are deemed to be necessary, such facilities shall be provided on the final site plan.</p> <p><b>MM TRANS-7:</b> Prior to issuance of grading permits for each Master Plan use, the applicant shall submit a Construction Traffic Control Plan to the City of Manteca for review and approval. The plan shall identify the timing and routing of all major construction equipment and trucking to avoid potential traffic congestion and delays on the local street network. The plan shall encourage the use of Interstate 5 (I-5), Roth Road, Airport Way, and Lathrop Road wherever practical. Anticipated temporary road closures should be identified, along with safety measures and detours. If necessary, construction equipment and materials deliveries shall be limited to off-peak hours to avoid conflicts with local traffic circulation. The plan shall also identify suitable locations for construction worker parking.</p>

<b>Environmental Topic</b>	<b>Mitigation Measure Adopted by the City</b>
<b>Utilities</b>	<p><b>MM PSU-3a:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying a non-potable irrigation system that is separate from the potable water systems. The non-potable irrigation system shall use non-potable well water until recycled water is available, at which point it shall be converted to use recycled water.</p> <p><b>MM PSU-3b:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying that all appropriate and feasible water conservation measures are incorporated into the proposed use(s). The approved measures shall be incorporated into the final development plans. Examples of water conservation measures include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Drought-tolerant landscaping or xeriscaping</li> <li>• Water efficient irrigation systems (drip irrigation, bubbler/soaker systems, hydrozones, evapotranspiration controllers, etc.)</li> <li>• Sensor-activated low-flow fixtures (e.g., faucets, urinals, and toilets)</li> </ul> <p><b>MM PSU-6a:</b> Prior to issuance of building permits for any building developed pursuant to the Master Plan, the Project applicant shall retain a qualified contractor to perform construction and demolition debris recycling. Following the completion of construction activities, the Project applicant shall provide documentation to the satisfaction of the City of Manteca demonstrating that construction and demolition debris was recycled.</p> <p><b>MM PSU-6b:</b> Prior to issuance of building permits for each building developed pursuant to the Master Plan, the Project applicant shall provide information to the City of Manteca describing the methods by which recycling and waste diversion activities shall be achieved. This information shall include but is not limited to the type and location of facilities necessary to collect and store recyclable materials, contractors who would pick-up recyclable and reusable materials, and how recycling and waste diversion activities would be integrated into operational practices. To the extent feasible, centralized recycling facilities are encouraged to enhance the ease and efficiency of such practices. The approved facilities and practices shall be incorporated into the uses envisioned by the Master Plan.</p>

SOURCE: NORTHWEST AIRPORT WAY MASTER PLAN DRAFT AND FINAL EIRS

## GENERAL PLAN AND ZONING DESIGNATIONS

The Project site is designated Industrial (LI) by the Manteca General Plan Land Use Map. According to the City of Manteca 2023 General Plan, the LI designation provides for industrial parks, warehouses, distribution centers, light manufacturing, public and quasi-public uses and similar and compatible uses.

The Project site is zoned MP – Master Plan for the City of Manteca Zoning Map. The purpose of the MP - Master Plan Zoning District is to establish a process for the consideration and regulation of areas suitable for proposed comprehensive development with detailed development plans and of those areas that require special planning.

The existing General Plan land uses and the zoning designations are shown on Figure 4. No General Plan amendment or zoning change is required for the proposed Project.

## REQUESTED ENTITLEMENTS AND OTHER APPROVALS

The City of Manteca is the Lead Agency for the proposed Project, pursuant to the State CEQA Guidelines, Section 15050.



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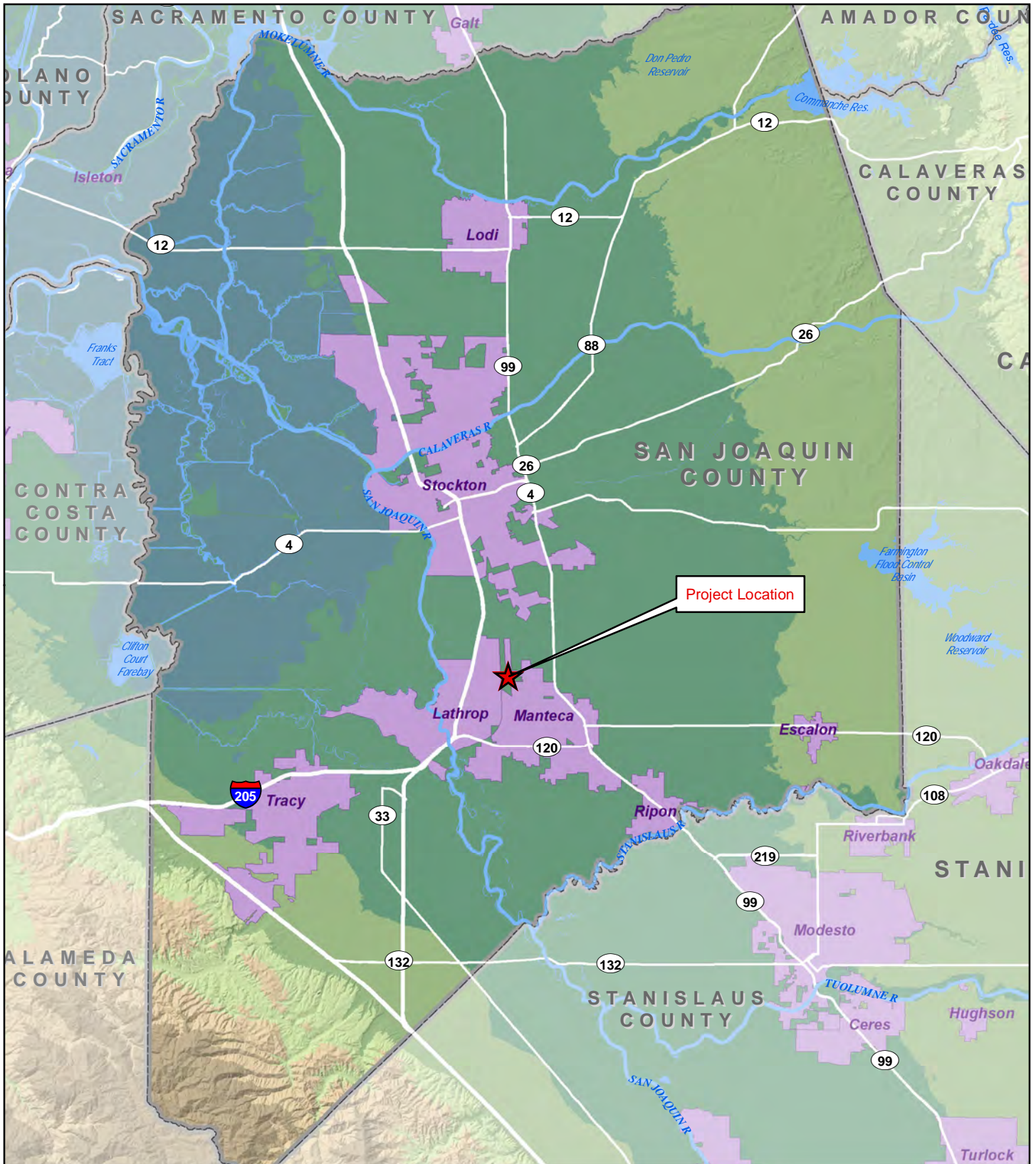
This document will be used by the City of Manteca to take the following actions:

- Adoption of the Mitigated Negative Declaration (MND);
- Adoption of the Mitigation Monitoring and Reporting Program;
- City review and approval of the proposed Grading and Improvement Plans; and
- City Site Plan & Design Review (SPC).

The following agencies may be required to issue permits or approve certain aspects of the proposed Project:




- Regional Water Quality Control Board (RWQCB) – Construction activities would be required to be covered under the National Pollution Discharge Elimination System (NPDES);
- RWQCB – The Storm Water Pollution Prevention Plan (SWPPP) would be required to be approved prior to construction activities pursuant to the Clean Water Act;
- San Joaquin Valley Air Pollution Control District (SJVAPCD) – Approval of construction-related air quality permits;
- San Joaquin Council of Governments (SJCOG) – Review of project application to determine consistency with the San Joaquin County Multi-Species Habitat, Conservation, and Open Space Plan (SJMSCP).

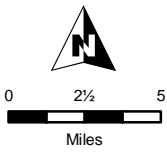
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Project Location

**LEGEND**

-  Project Location
-  Incorporated Area
-  County Boundary

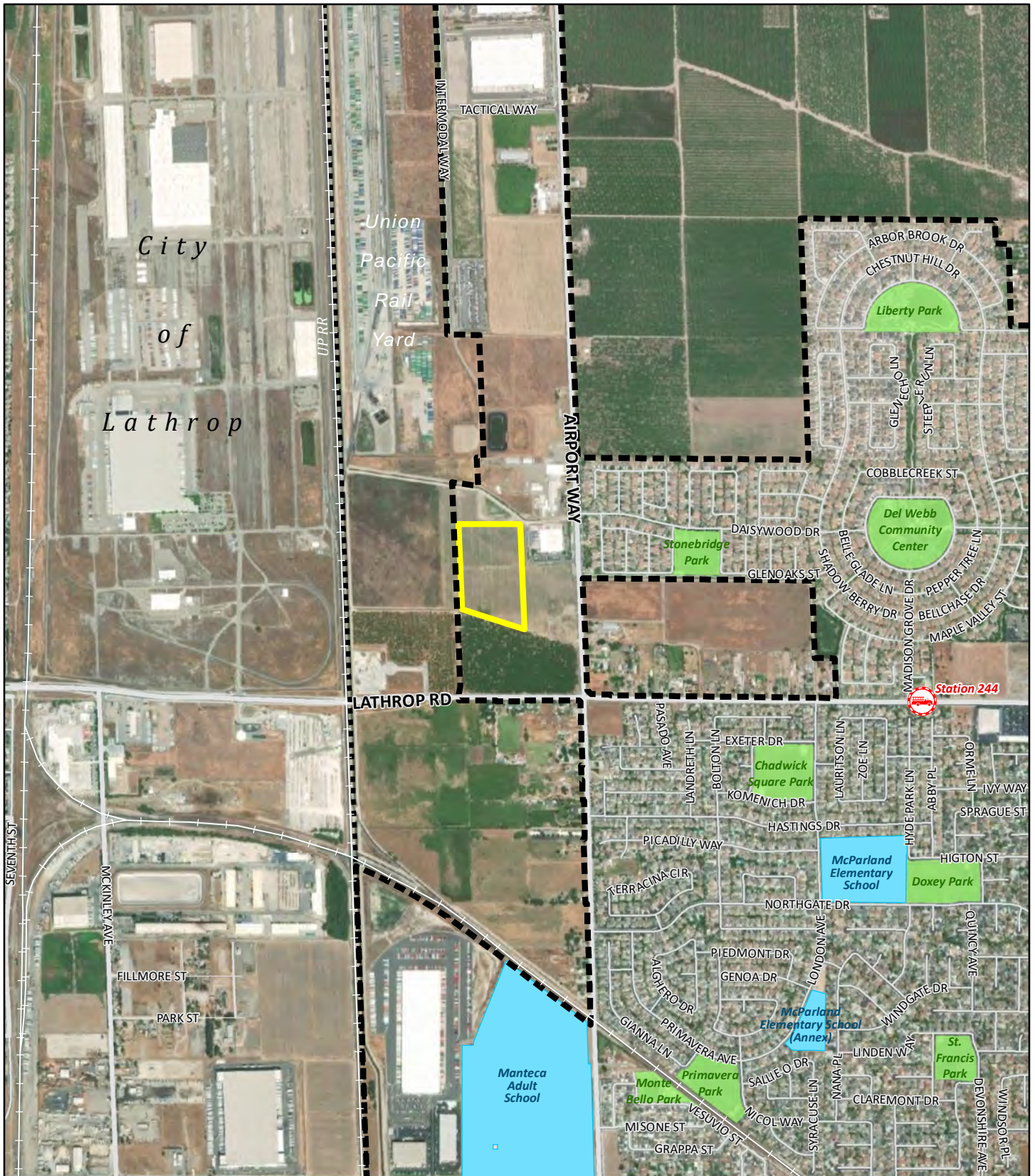


**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

Figure 1. Regional Location Map

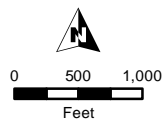
Sources: California State Geoportal. Map date: December 17, 2021.

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**Legend**

- Project Area
- Manteca City Boundary
- Lathrop City Boundary
- Fire Station
- School
- Park

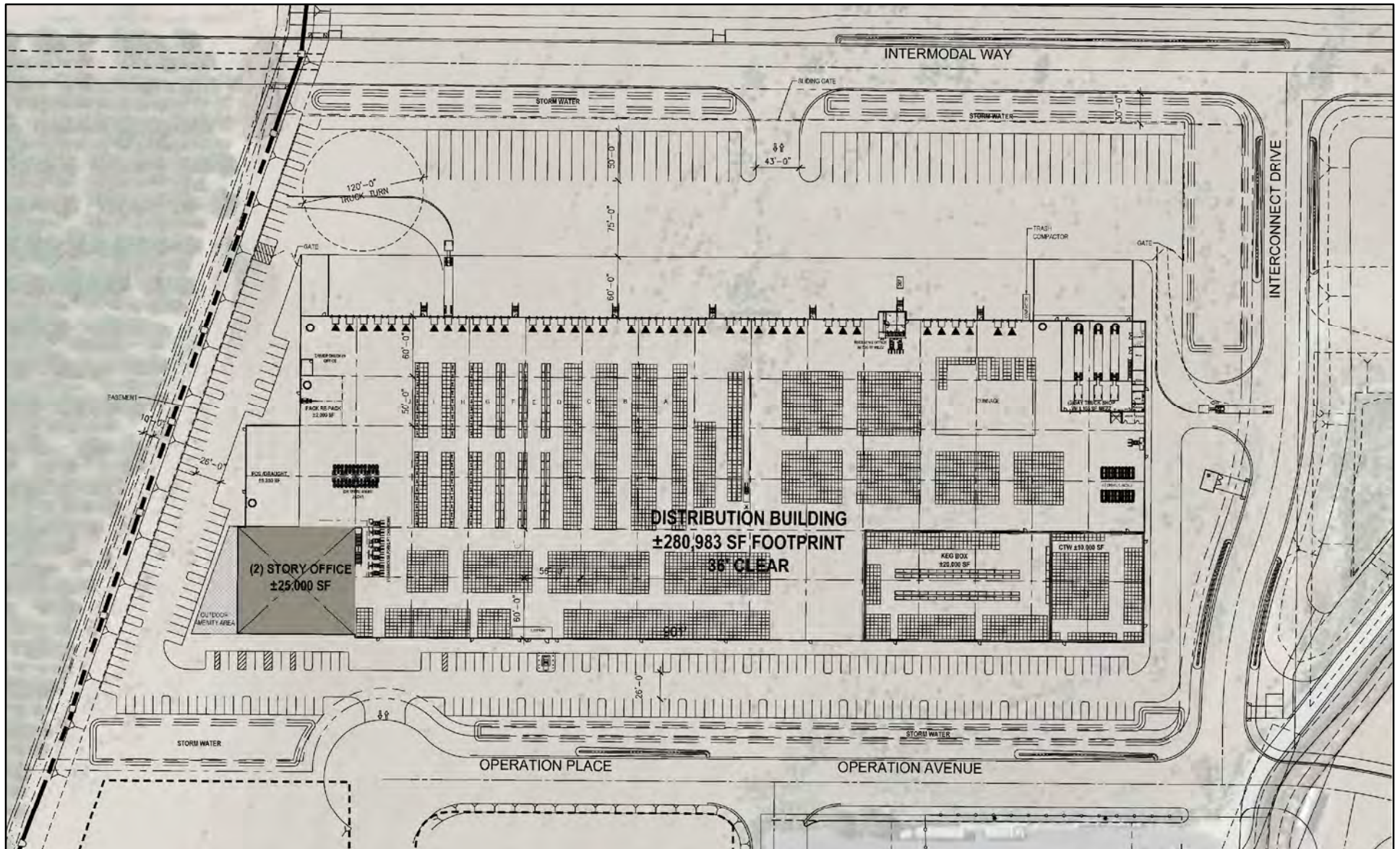


**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

**Figure 2. Project Location**

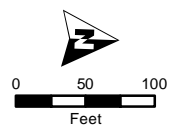
Sources: San Joaquin County GIS; ArcGIS Online World Imagery Map Service 5/4/2020; Google Maps. Map date: December 17, 2021.

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**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

Figure 3a. Conceptual Site Plan



Source: RYAN, GBxMANTECA Conceptual Site Plan V1.4, 5/31/2021. Map date: December 18, 2021.

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EAST ELEVATION



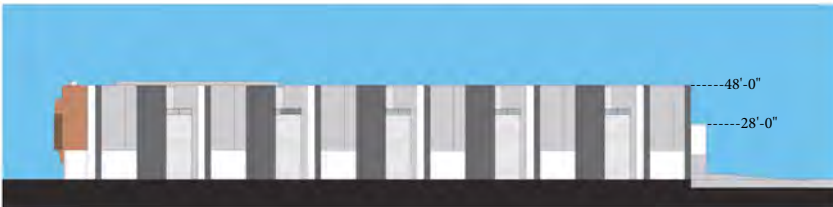
SOUTH ELEVATION



WEST ELEVATION



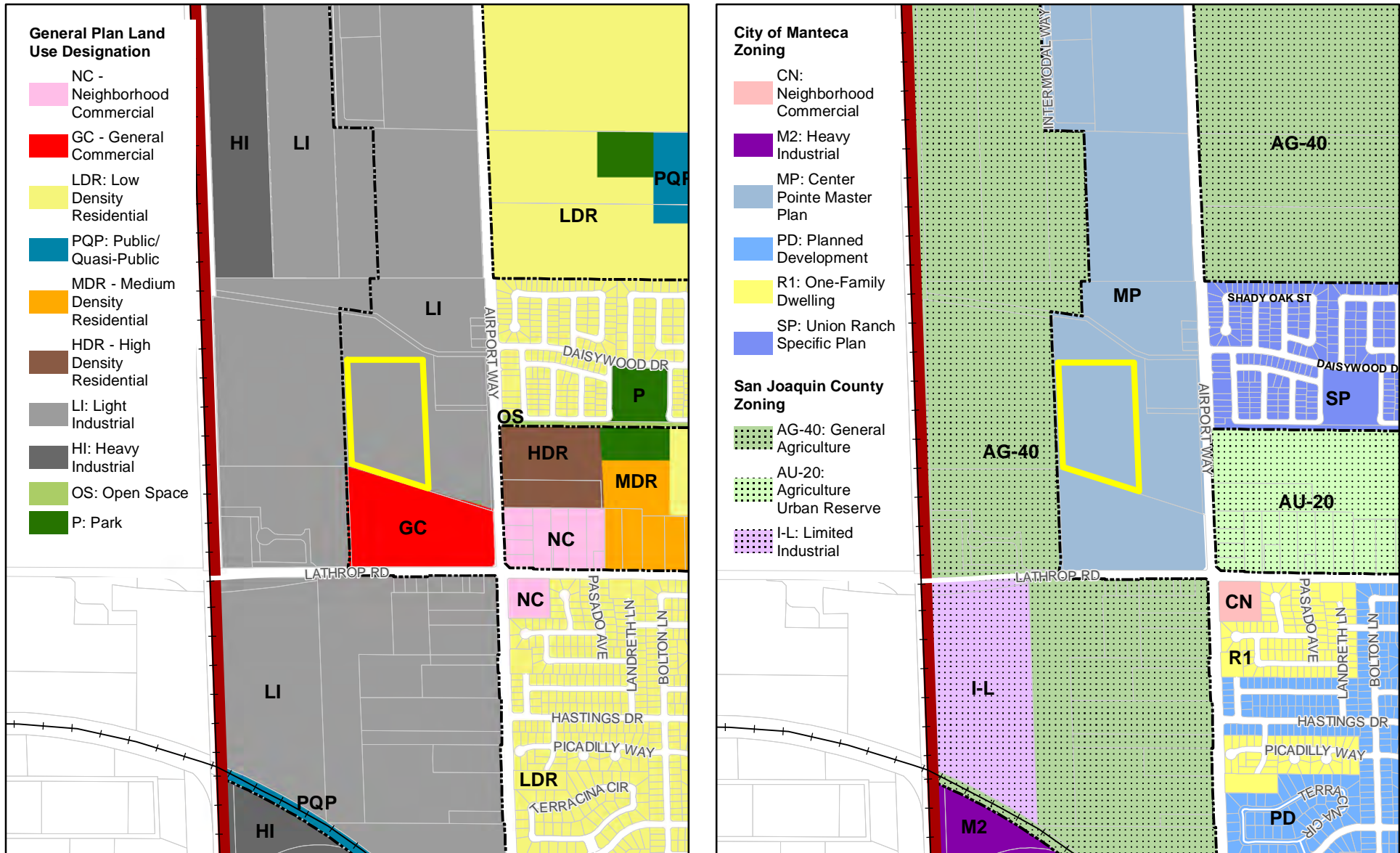
NORTH ELEVATION



**GBxMANTECA PROJECT**  
**MANTECA, CALIFORNIA**

Figure 3b. Building Elevations

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Sources: City of Manteca; San Joaquin County. Map date: December 17, 2021.

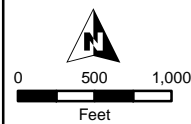


Figure 4. General Plan and Zoning Designations

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MANTECA, CALIFORNIA

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## ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

None of the environmental factors listed below would have potentially significant impacts as a result of development of this project, as described on the following pages.

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

## DETERMINATION

On the basis of this initial evaluation:

	I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
X	I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
	I find that the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
	I find that the proposed Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation 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 potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

Signature

Date

## EVALUATION INSTRUCTIONS

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impact to less than significant.

## EVALUATION OF ENVIRONMENTAL IMPACTS

In each area of potential impact listed in this section, there are one or more questions which assess the degree of potential environmental effect. A response is provided to each question using one of the four impact evaluation criteria described below. A discussion of the response is also included.

- **Potentially Significant Impact.** This response is appropriate when there is substantial evidence that an effect is significant. If there are one or more "Potentially Significant Impact" entries, upon completion of the Initial Study, an EIR is required.
- **Less than Significant With Mitigation Incorporated.** This response applies when the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact". The Lead Agency must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level.
- **Less than Significant Impact.** A less than significant impact is one which is deemed to have little or no adverse effect on the environment. Mitigation measures are, therefore, not necessary, although they may be recommended to further reduce a minor impact.
- **No Impact.** These issues were either identified as having no impact on the environment, or they are not relevant to the project.

## ENVIRONMENTAL CHECKLIST

This section of the Initial Study incorporates the most current Appendix "G" Environmental Checklist Form contained in the CEQA Guidelines. Impact questions and responses are included in both tabular and narrative formats for each of the 21 environmental topic areas.

### I. AESTHETICS

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

#### *Responses to Checklist Questions*

**Responses a), c):** The City of Manteca General Plan does not specifically designate any scenic viewsheds within the city. The existing Manteca General Plan does, however, note Manteca's scenic environmental resources including the San Joaquin River environment, and scenic vistas of the Coast Range and the Sierra.

For analysis purposes, a scenic vista can be discussed in terms of a foreground, middleground, and background viewshed. The middleground and background viewshed is often referred to as the broad viewshed. Examples of scenic vistas can include mountain ranges, valleys, ridgelines, or water bodies from a focal point of the forefront of the broad viewshed, such as visually important trees, rocks, or historic buildings. An impact would generally occur if a project would change the view to the middle ground or background elements of the broad viewshed, or remove the visually important trees, rocks, or historic buildings in the foreground.

The Project site itself does not provide any visual resources that would be considered a scenic vista because it primarily consists of a Container Yard, which was approved, but was not fully constructed and is not operational. The views of the site are not unique to the surrounding visual setting. The proposed Project does not contain resources that are exemplary of the history of the area (such as historic structures or landmarks). Views of the Project site are not unique in the region.



The Project site is generally flat with unobstructed view of the surrounding agricultural lands, the Lathrop Intermodal Terminal, and residential developments. Neither the Project site nor any of the surrounding land uses contains features typically associated with scenic vistas (e.g., ridgelines, peaks, overlooks). Therefore, little opportunity exists for project activities to obscure views of scenic vistas that may be located within the immediate area of the Project site.

More distant views of the Coast Ranges (including Mt. Diablo) and the Sierra Nevada Mountains would largely be unaffected by the development of the Project site because of the distance and limited visibility of these features. Furthermore, the City of Manteca does not identify views of these features to be “protected” and, therefore, any obstruction that does occur would not be significant.

Chapter 9, Design Standards and Guidelines of the Master Plan specifically identifies City design expectations in the context of new industrial and commercial developments within the Project site. Design standards are required of all developments. Design guidelines are recommended measures that help ensure quality design. Together, the standards and guidelines address the placement and appearance of buildings, circulation, parking and loading, landscape design, fencing and screening, signage, exterior lighting, and sustainable design practices.

The design standards from the Northwest Airport Way Master Plan are to be applied to the proposed Project in conjunction with the development standards listed in the Manteca Municipal Code. Where differences occur between the design standards of the Master Plan and the Manteca Municipal Code, the design standards of the Master Plan shall prevail. The design standards and guidelines are to be used by applicants and their consultants in the formulation of specific development proposals. The standards and guidelines will also be used by City of Manteca staff in the review of development proposals.

Upon build-out, the proposed Project would be of similar visual character to nearby and adjacent developments (such as existing light industrial and commercial uses nearby). For motorists travelling along nearby roadways, the proposed Project would blend into existing and future development and would not present unexpected or otherwise unpleasant aesthetic values within the general project vicinity. Furthermore, the proposed Project would also be consistent with the applicable design standards and development standards. Therefore, implementation of the proposed Project would have a *less than significant* impact relative to these topics.

**Response b):** The Project site is not located within view of a state scenic highway. Only one highway section in San Joaquin County is listed as a Designated Scenic Highway by the Caltrans Scenic Highway Mapping System; the segment of Interstate 580 from Interstate 5 to State Route 205. The City of Manteca is not visible from this roadway segment. Therefore, the proposed Project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. Implementation of the proposed Project would have *no impact* relative to this topic.

**Response d):** The Project site contains existing sources of light and glare associated with the Container Yard. Additionally, nearby land uses, such as the light industrial uses located to the north of the Project site, include outdoor lighting. The Union Pacific Railroad Lathrop Intermodal Terminal, the Sharpe Army Depot, scattered rural residential development, and Union Ranch also include outdoor lighting. Other nearby sources of light include the streetlights at the intersections of Airport Way and Roth Road, Airport Way and Daisywood Drive, and Airport Way and Lathrop Road, as well as vehicles traveling along Airport Way, Roth Road, Lathrop Road, Daisywood Drive, and Lovelace Road.

The proposed Project would include the installation of freestanding and building-mounted lighting associated with the light industrial uses. Such lighting would include lighting in parking lots, along pathways, and mounted on buildings for safety and security reasons. As such, the proposed Project may create a source of nighttime light, which may affect nighttime views in the surrounding area.

The Northwest Airport Way Master Plan includes Design Standards and Guidelines to minimize light impacts. Specifically, all lighting in the Northwest Airport Way Master Plan area (which includes the Project site) must comply with candle foot standards established in the Manteca Municipal Code. Night lighting in the Master Plan area shall be limited to that necessary for operations, security, safety, and identification, and it shall be screened from adjacent residential areas and not be directed in an upward manner or beyond the boundaries of the parcel on which the buildings are located. Specific design standards also apply to signage in the Master Plan area that requires signs to be illuminated only by backlighting of raised letters, internally illuminated individual letters, or by low-intensity spotlights that are screened from direct view. Internally illuminated box or can signs are prohibited in the Master Plan area. Signs are to be glare-free and light fixtures must be screened from view. Additional best management practices to minimize light trespass are described in the design guidelines and include the following recommended measures:

- Light bulbs or tubes should not be exposed.
- Light shields should reduce the spillage of light onto adjacent properties.
- Lighting should be adequate but not overly bright.
- Security lighting may be indirect or diffused and should be shielded or directed away from a residential district.

As the Project site is included in the Master Plan area, it will be required to comply with the above standards.

In addition, all street lighting would have to comply with the City of Manteca lighting standards. Section 17.50.060 of the Manteca Municipal Code identifies general lighting standards for light shielding, illumination levels, and nuisance prevention.

In summary, existing standards, including the Northwest Airport Way Master Plan Design Standards and Guidelines, establish a comprehensive and robust set of standards to ensure that the proposed Project does not introduce substantial sources of light and glare to the project vicinity. Therefore, implementation of the proposed Project would have a ***less than significant*** impact relative to this topic.

**II. AGRICULTURE AND FORESTRY RESOURCES**

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 1222(g)) or timberland (as defined in Public Resources Code section 4526)?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
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?				X

*Responses to Checklist Questions*

**Response a):** The Project site is a developed Container Yard, which involved a previous conversion of Prime Farmland to a developed use. The proposed Project does not involve any conversion of Prime Farmland. Implementation of the proposed Project would have **no impact** relative to this issue.

**Response b):** The Project site does not include any land in a Williamson Act contract. The Project site is designated as LI by the Manteca General Plan Land Use Map and is zoned MP. The proposed Project does not conflict with existing zoning for agricultural use, or a Williamson Act contract. Therefore, implementation of the proposed Project would have **no impact** relative to this issue.

**Response c):** The Project site is not forest land (as defined in Public Resources Code section 1222(g)) or timberland (as defined in Public Resources Code section 4526). The proposed Project would not conflict with existing zoning for, or cause rezoning of, forest land or timberland. Implementation of the proposed Project would have **no impact** relative to this issue.

**Response d):** The Project site is not forest land. The proposed Project would not result in the loss of forest land or conversion of forest land to non-forest use. Implementation of the proposed Project would have **no impact** relative to this issue.

**Response e):** The Project site does not contain forest land, and there is no forest land in the vicinity of the Project site. The Project site is included in the Northwest Airport Way Master Plan area and is designated LI and is zoned MP. The proposed Project does not involve any other changes in the existing environment not disclosed under the previous responses 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. Therefore, implementation of the proposed Project would have **no impact** relative to this issue.

### III. AIR QUALITY

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
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?			X	
c) Expose sensitive receptors to substantial pollutant concentrations?			X	
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

#### *Existing Setting*

The Project site is located within the San Joaquin Valley Air Pollution Control District (SJVAPCD). This agency is responsible for monitoring air pollution levels and ensuring compliance with federal and state air quality regulations within the San Joaquin Valley Air Basin (SJVAB) and has jurisdiction over most air quality matters within its borders.

#### *Responses to Checklist Questions*

**Responses a), b):** Air quality emissions would be generated during operation and construction of the proposed Project. Because of the region’s non-attainment status for ozone, PM<sub>2.5</sub>, and PM<sub>10</sub>, if project-generated emissions of either of the ozone precursor pollutants (i.e., ROG and NOx), PM<sub>10</sub>, or PM<sub>2.5</sub> would exceed the SJVAPCD’s significance thresholds, then the proposed Project uses would be considered to conflict with the attainment plans. Discussion of construction and operational-related air quality impacts is provided below.

Separately, if the proposed Project uses would result in a change in land use and corresponding increases in vehicle miles traveled, they may result in an increase in vehicle miles traveled that is unaccounted for in regional emissions inventories contained in regional air quality control plans. The proposed Project neither includes a change in land use, nor does it increase vehicle miles traveled compared to what had previously been planned for within the Northwest Airport Way Master Plan EIR (see section XVII. Transportation for further detail on project VMT).

#### *Construction*

PM<sub>10</sub> emitted during construction can vary greatly depending on the level of activity, the specific operations taking place, the equipment being operated, local soils, weather conditions, and other factors, making quantification difficult. Despite this variability in emissions, experience has shown that there are a number of feasible control measures that can be reasonably implemented to significantly reduce PM<sub>10</sub> emissions from construction activities.

Construction would result in numerous activities that would generate dust. The fine, silty soils on the Project site and often strong afternoon winds exacerbate the potential for dust, particularly in the summer months. Impacts would be localized and variable. Construction impacts would last for a period of approximately one year. The initial phase of project construction would involve grading and site preparation activities, followed by paving, building

construction, and architectural coatings. Construction activities that could generate dust and vehicle emissions are primarily related to grading, soil excavation, and other ground-preparation activities. The construction schedule was modeled within CalEEMod consistent with the construction phase lengths provided by the Project applicant (as follows), as provided in further detail in Appendix A:<sup>1</sup>

- Site prep: 5 days
- Demolition: 15 days
- Grading: 20 days
- Building Construction: 200 days
- Paving: 10 days
- Architectural Coatings (paint exterior): 40 days

Control measures are required and enforced by the SJVAPCD under Regulation VIII. The SJVAPCD considers construction-related emissions from all projects in this region to be mitigated to a less than significant level if SJVAPCD-recommended PM<sub>10</sub> fugitive dust rules and equipment exhaust emissions controls are implemented. The proposed Project would be required to comply with all applicable measures from SJVAPCD Regulation VIII. In addition, Table AIR-1 (below) provides the results of the construction-related emissions modeling results from CalEEMod.

**Table AIR-1: Project Construction Criteria Pollutant Emissions (tons/year)**

<i>Emissions Type</i>	<i>Proposed Project Emissions</i>	<i>SJVAPCD Threshold</i>	<i>Above Threshold in Proposed Project?</i>
ROG	2.3598	10	N
NO <sub>x</sub>	1.6207	10	N
CO	2.0384	100	N
PM <sub>10</sub>	0.3124	15	N
PM <sub>2.5</sub>	0.1259	15	N

*Notes: Construction is scheduled for 2022 and 2023. The numbers above reflect 2023, which is the worst annual emissions of the two years.*

*Source: CalEEMod, v.2020.4.0*

In addition, the proposed Project would also implement construction-related mitigation measures, in accordance with the Northwest Airport Way Master Plan EIR (i.e. Mitigation Measures AIR-1a and AIR-1b, which are provided below). However, it should be noted that, for the sake of a conservative estimate, as well as due to modeling limitations, not all of the measures contained in the construction-related mitigation measures list were modeled to reflect the fully mitigated scenario. Nevertheless, even without modeling some of the required measures that would further reduce construction-related emissions beyond what is provided in Table AIR-1, the proposed Project construction activities would not exceed the applicable SJVAPCD thresholds of significance for criteria pollutants.

### *Operational*

Operational-related criteria pollutant emissions would be generated primarily from passenger (employee) vehicle, delivery van, and heavy-duty truck travel generated by the proposed Project, as well as electricity and other energy usage on-site. Table AIR-1, below, provides the results of the operational-related emissions modeling results from CalEEMod. It should be noted that the

<sup>1</sup> As provided by Vickey Seidler, Senior Manager (Ryan Companies) in an email dated January 4, 2022.

heavy-duty truck modeling was modeled separately from the rest of the Project modeling, to be able to model the heavy-duty truck trip estimate of 50 miles per heavy-duty truck trip (consistent with the SJVAPCD's heavy-duty truck trip distance assumption utilized under their Rule 9510 analysis). It also should be noted that, for the sake of a conservative estimate, as well as due to modeling limitations, not all of the operational-related mitigation measures were modeled. Nevertheless, as provided in Table AIR-2, even with the assumption of an average 50-mile truck trip distance for the Project's heavy-duty trucks, and even without modeling some of the required measures that would further reduce operational-related emissions beyond those shown in Table AIR-2, below, the proposed Project operational phase would not exceed the applicable SJVAPCD thresholds of significance for criteria pollutants.

**Table AIR-2: Project Operational Criteria Pollutant Emissions (tons/year)**

<i>Emissions Type</i>	<i>Proposed Project Emissions</i>	<i>SJVAPCD Threshold</i>	<i>Above Threshold in Proposed Project?</i>
ROG	2.8516	10	N
NO <sub>x</sub>	7.4221	10	N
CO	3.7026	100	N
PM <sub>10</sub>	1.6892	15	N
PM <sub>2.5</sub>	0.5215	15	N

*Notes: The above numbers reflect the total Area, Energy, and Mobile Sources of emissions on an annual basis.*

*Source: CalEEMod, v.2020.4.0*

As shown above, the proposed Project would not exceed the applicable SJVAPCD thresholds associated with operational emissions. Nevertheless, the proposed Project would be required to implement the additional mitigation measures for the operational phase of the project (i.e. Mitigation Measure AIR-1c, AIR-1d, and through AIR-6), in accordance with the applicable mitigation measures provided in the Northwest Airport Way Master Plan EIR.

Therefore, with implementation of the following mitigation measures, the proposed Project would have a ***less than significant*** impact related to the potential to conflict with or obstruct implementation of the applicable air quality plan, or to 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.

#### *Mitigation Adopted by the City*

**Mitigation Measure AIR-1a:** *Prior to issuance of grading permits, as applicable, the Project applicant shall provide information to the City of Manteca describing the methods by which the following measures will be complied with:*

- *Off-road equipment used onsite shall achieve a fleet-average emissions equal to or less than the Tier II emissions standard of 4.8 grams of NO<sub>x</sub> per horsepower hour. This can be achieved through any combination of uncontrolled engines and engines complying with Tier II and above engine standards. Tier II emission standards are set forth in Section 2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations.*
- *Construction equipment shall be properly maintained at an offsite location; maintenance shall include proper tuning and timing of engines. Equipment maintenance records and data sheets of equipment design specifications shall be kept on-site during construction.*
- *Onsite construction equipment shall not idle for more than 5 minutes in any one hour.*

- *During the building phase, onsite electrical hook ups shall be provided for electric construction tools including saws, drills and compressors, to eliminate the need for diesel powered electric generators.*
- *Construction workers shall be encouraged to carpool to and from the construction site to the greatest extent practical. Workers shall be informed in writing and a letter shall be placed on file in the City office documenting efforts to carpool.*

**Mitigation Measure AIR-1b:** *During the architectural coating phase, paints with a volatile organic compound content less than 10 grams per liter shall be used.*

**Mitigation Measure AIR-1c:** *Prior to issuance of building permits, the Project applicant shall demonstrate compliance with all applicable requirements of San Joaquin Valley Air Pollution Control District, Rule 9510 via the submittal of a Rule 9510 Implementation Plan to the City of Manteca for review and approval. The implementation plan shall achieve a 33-percent reduction in NO<sub>x</sub> and a 45-percent reduction in PM<sub>10</sub> over the first 10 years of operations through the use of onsite emissions reduction measures or through the payment of offsite mitigation fees to the SJVAPCD for purchase of emission reductions. The requirements of the approved implementation plan shall be incorporated into the proposed Project.*

**Mitigation Measure AIR-1d:** *Prior to approval of the final site plan, the Project applicant shall demonstrate that the following anti-idling measures would be implemented:*

- *Provide available electricity hookups for trucks in the loading dock areas.*
- *Signs shall be posted in dock areas advising drivers that idling shall not occur for more than 3 minutes.*
- *Telephone numbers of the building facilities manager and the California Air Resources Board shall be posted on signs at truck entrances to report idling violations.*

**Mitigation Measure AIR-6:** *Prior to final site plan approval for any use that includes food service (i.e., restaurants, cafeterias, etc.), the applicant shall demonstrate compliance with SJVAPCD Rules 4102 (Nuisance) and 4692 (Commercial Charbroiling) to the extent that these rules are applicable. Compliance may entail the installation of kitchen exhaust vents, exhaust filtration systems, or other odor-reduction measures in accordance with accepted engineering practice. The approved plans shall be incorporated into the proposed Project.*

**Response c):** Sensitive receptors are those individuals within the population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptors include children, the elderly, and those with pre-existing serious health problems affected by air quality, and sensitive receptor locations include schools, parks and playgrounds, day care center, nursing homes, hospitals, and residences. The closest sensitive receptors are the rural residential properties located to the east of the Project site, west of Airport Way, approximately 130 meters east of the Project site. Additionally, an existing age-restricted “55+” residential community is located approximately 0.12 miles (or approximately 175 meters) east of the Project site. Based on these residential community’s characteristics, the communities contain sensitive receptors.

A toxic air contaminant (TAC) is defined as an air pollutant that may cause or contribute to an increase in mortality or in serious illness, or that may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air. However, their high toxicity or health risk may pose a threat to public health even at very low concentrations. In general, for those TACs

that may cause cancer, there is no concentration that does not present some risk. This contrasts with the criteria pollutants for which acceptable levels of exposure can be determined and for which the state and federal governments have set ambient air quality standards.

*Construction-Related Impacts on Sensitive Receptors:* The construction phase of the project would be temporary and short-term, and the implementation of all State, Federal, and SJVAPCD requirements would greatly reduce pollution concentrations generated during construction activities. As shown in Table AIR-1, the proposed Project's construction-related criteria pollutant emissions would not exceed the applicable thresholds. Therefore, dust from construction of the proposed Project would be reduced and would be consistent with SJVAPCD guidance on this topic. Impacts to sensitive receptors during construction would be negligible and this is a ***less than significant*** impact.

*Toxic Air Contaminant Impacts on Sensitive Receptors:* The proposed Project has the potential to impact nearby sensitive receptors during the proposed Project's construction and operational phases. Specifically, the proposed Project has the potential to generate diesel particulate matter (DPM) from on- and off-road construction vehicles, during the Project's construction phase. In addition, the proposed Project has the potential to impact nearby sensitive receptors during Project operation, due to the proposed Project's generation of trips by heavy-duty diesel trucks, which are also an emitter of DPM. In particular, DPM during Project operation is emitted from on-site heavy-duty truck vehicle circulation and idling, and off-site mobile travel. It is noted that the proposed Project does not use refrigerated trucks to deliver the beverages, including those that are stored in the cold storage portion of the warehouse. However, the CalEEMod modeling reflects the 20,000 sf of refrigerated space, which carries through the model with an accurate energy usage calculation for the refrigerated portion of the building; and an overestimate of mobile source emissions because truck refrigeration units (TRUs) will not be utilized.

Based on the area of refrigerated warehouse (approximately 7.4%), it was assumed that 7.4% of heavy-duty trucks would utilize TRUs and emissions from these units would generate DPM via on-site idling. Combined, these (both construction and operational) sources of DPM have the potential to generate substantial TACs on nearby sensitive receptors, including those located nearest to the Project site. The SJVAPCD has established a screening calculator entitled the "Prioritization Calculator". An estimate of DPM emissions generated by the heavy-duty trucks and delivery vans associated with the proposed Project during Project operation was calculated for on-site mobile and idling (including TRU idling) emissions, and off-site mobile emissions 0.25 miles from the Project site, combined with the exhaust DPM emissions from both on- and off-road vehicles during the Project's construction phase, amortized over 70 years, in accordance with the California Office of Environmental Health Hazard Assessment (OEHHA) guidance, as recommended by the SJVAPCD. The estimate of DPM emissions were based on the data provided in the Transportation Analysis for the proposed Project, and with diesel particulate matter mobile emission rates from CARB's EMFAC2021 database (for year 2022, San Joaquin County; emission rates for DPM; 10 MPH for on-site truck travel and 55 MPH for off-site truck travel), and from standard heavy-duty truck idling emission rates from CARB.

The results of the screening analysis show that the cancer and non-cancer risks associated with the proposed Project are below the SJVAPCD screening thresholds contained within their Prioritization Calculator. Specifically, the Prioritization Calculator estimates that the prioritization score associated with total cancer risk from proposed project DPM would be approximately 1.95, after accounting for the nearest distance to sensitive receptors (approximately 130 meters at the closest location), which is well below the SJVAPCD threshold of 10 that would require development of air toxics Health Risk Assessment (HRA) that includes



air dispersion modeling. Additionally, non-cancer (i.e. chronic and acute risks) associated with project DPM would also be well below the applicable thresholds for the Maximally Exposed Individual (i.e. greater than or equal to the Hazard Index level of 1). Therefore, the complex air dispersion modeling using software such as AERMOD is not required. See Appendix B for further detail.

Overall, as described, the proposed Project would not exceed the maximum risk values established by the SJVAPCD for TACs, as described above. All receptor types would be below the applicable SJVAPCD significance thresholds. In addition, criteria pollutant emission would be below the applicable SJVAPCD significance thresholds for criteria pollutants, as described under Impacts a) and b). Impacts to sensitive receptors from substantial pollutant concentrations would be a *less than significant* impact.

*CO Hotspots:* Areas of vehicle congestion have the potential to create pockets of CO called hotspots. These pockets have the potential to exceed the state one-hour standard of 20 ppm or the eight-hour standard of 9.0 ppm. Because CO is produced in greatest quantities from vehicle combustion and does not readily disperse into the atmosphere, adherence to ambient air quality standards is typically demonstrated through an analysis of localized CO concentrations. Hotspots are typically produced at intersections, where traffic congestion is highest because vehicles queue for longer periods and are subject to reduced speeds.

Although the SJVAPCD has not established a specific numerical screening threshold for CO impacts, the Bay Area Air Quality Management District (BAAQMD) has established that, under existing and future vehicle emissions rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix (i.e., bridges and tunnels)—in order to generate a substantial CO impact. As described in Section XVII: Transportation, the proposed Project would generate a maximum of approximately 67 AM peak hour trips and 67 PM peak hour trips, which would be significantly less than the volumes cited above. Thus, the proposed Project would not have the potential to substantially increase CO hotspots at intersections in the vicinity of the Project site, and impacts would be *less than significant*.

### **Conclusion**

The construction phase of the proposed Project would be temporary and short-term. The proposed Project would not generate significant concentrations of air emissions during construction.

TAC screening using the SJVAPCD's Prioritization Calculator showed that the proposed Project would not exceed the maximum risk values established by the SJVAPCD for TACs. All receptor types would be below the applicable SJVAPCD significance thresholds.

Under existing and future vehicle emissions rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix (i.e., bridges and tunnels)—in order to generate a substantial CO impact. The proposed Project would generate much fewer than such peak hour trips, which would be significantly lower than the thresholds for causing a significant CO impact.

Implementation of the proposed Project would not result in a significant increased exposure of sensitive receptors to localized concentrations of TACs, or create a CO hotspot. This project would have a *less than significant* impact relative to this topic.

**Response d):** The proposed Project would not generate objectionable odors that would adversely affect substantial numbers of people. People in the immediate vicinity of construction activities may be subject to temporary odors typically associated with construction activities (diesel exhaust, hot asphalt, etc.). However, any odors generated by construction activities would be minor and would be short and temporary in duration.

Examples of facilities that are known producers of operational odors include: Wastewater Treatment Facilities, Chemical Manufacturing, Sanitary Landfill, Fiberglass Manufacturing, Transfer Station, Painting/Coating Operations (e.g. auto body shops), Composting Facility, Food Processing Facility, Petroleum Refinery, Feed Lot/Dairy, Asphalt Batch Plant, and Rendering Plant. The proposed Project would not contain any of these land uses. If a project would locate receptors and known odor sources in proximity to each other further analysis may be warranted; however, if a project would not locate receptors and known odor sources in proximity to each other, then further analysis is not warranted.

The proposed Project does not include any of the aforementioned uses. Additionally, construction activities would be temporary and minor. Lastly, other emissions are evaluated in responses a-c), as provided above. As such, with implementation of Mitigation Measure AIR-1a, AIR-1b, AIR-c, AIR-1d, and AIR-6, implementation of the proposed Project would have a ***less than significant*** impact relative to this topic.

**IV. BIOLOGICAL RESOURCES**

<b>Would the project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation Incorporation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				X
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?				X
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?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
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?				X

**Regional Setting**

The City of Manteca is located in the western portion of the Great Valley Geomorphic Province of California. The Great Valley Province is a broad structural trough bounded by the tilted block of the Sierra Nevada on the east and the complexly folded and faulted Coast Ranges on the west. The San Joaquin River is located just south and west of the City. This major river drains the Great Valley Province into the San Joaquin Delta to the north, ultimately discharging into the San Francisco Bay to the northwest.

The City of Manteca is located within the San Joaquin Valley Bioregion, which is comprised of Kings County, most of Fresno, Kern, Merced, and Stanislaus counties, and portions of Madera, San Luis Obispo, and Tulare counties. The San Joaquin Valley Bioregion is the third most populous out of ten bioregions in the state, with an estimated 2 million people. The largest cities are Fresno, Bakersfield, Modesto, and Stockton. Interstate 5 and State Route 99 are the major north-south roads that run the entire length of the bioregion. Habitat in the bioregion includes vernal pools, valley sink scrub and saltbush, freshwater marsh, grasslands, arid plains, orchards, and oak savannah. Historically, millions of acres of wetlands flourished in the bioregion, but stream diversions for irrigation dried all but about five percent. Remnants of the wetland habitats are

protected in this bioregion in publicly owned parks, reserves, and wildlife areas. The bioregion is considered the state's top agricultural producing region with the abundance of fertile soil.

The region has a Mediterranean climate that is subject to cool, wet winters (often blanketed with fog) and hot, dry summers. The average annual precipitation is approximately 13.81 inches. Precipitation occurs as rain most of which falls between the months of November through April, peaking in January at 2.85 inches. The average temperatures range from December lows of 37.5 F to July highs of 94.3 F.

The Project site is generally flat and is developed with a Container Yard. There is no vegetation or habitat existing on the project site.

### *Responses to Checklist Questions*

**Response a):** The following discussion is based on a background search of special-status species that are documented in the California Natural Diversity Database (CNDDDB) and the field survey conducted by Biologist Steve McMurtry. The Project site is a developed Container Yard and has no habitat value. No special status species were identified by during the field survey conducted by Steve McMurtry.

Figure 5 shows the results of the CNDDDB background search within a 1-mile radius of the Project site, and Figure 6 shows the results of the CNDDDB background search within a 9-quad area of the Project site (i.e. approximately 630 square miles). The 9-quad background search was regional in scope and focused on the documented occurrences within 9-quad of the Project site.

No special-status species are expected to be affected by the proposed Project due to the lack of habitat, absence of special status species during field surveys, and lack of any recorded occurrences of these species within databases. Nevertheless, Mitigation Measures BIO-1a and BIO-1b are in place and require mitigation to protect nesting birds and burrowing owls through pre-construction surveys; if active nests and/or occupied burrows are found, further mitigation (such as establishing buffers) according to these mitigation measures is then required. Given the lack of habitat, implementation of the proposed Project would have **no impact** relative to this topic.

### *Mitigation Adopted by the City*

**Mitigation Measure BIO-1a:** *If ground clearing or vegetation removal activities occur during the nesting season (February 15 through August 31), then pre-construction surveys for nesting birds shall be conducted in all area suitable for nesting that are located within 250 feet of the Master Plan area. Surveys shall be conducted no more than 15 days prior to the beginning of ground disturbance. If an active nest is located, a 250-foot buffer shall be delineated and maintained around the nest until a qualified biologist has determined that fledging has occurred. Alternatively, CDFG may be consulted to determine if the protective buffer can be reduced based upon individual species responses to disturbance. This mitigation measure does not apply if ground clearing or vegetation removal activities occur outside of the nesting season (September 1 through February 14).*

**Mitigation Measure BIO-1b:** *No more than 30 days prior to the beginning of ground disturbance, a pre-construction survey for burrowing owls shall be conducted by a qualified biologist in general accordance with the Burrowing Owl Survey Protocol and Mitigation Guidelines by the California Burrowing Owl Consortium. Should the surveys be scheduled to occur during the period extending from February 1 through May 1, then surveys shall be conducted no more than 15 days prior to the start of ground disturbance. Surveys shall be conducted from 2 hours before sunset to 1 hour after sunset, or from 1 hour before sunrise to 2 hours after sunrise, and shall be conducted during weather*

*conducive to observing owls outside of their burrows. No surveys shall occur during heavy rain, high winds, or dense fog. If occupied burrows are found, mitigation for potential impacts shall follow the guidelines outlined by the Burrowing Owl Survey Protocol and Mitigation Guidelines, including passive relocation.*

**Response b):** There is no riparian habitat on the Project site. The CNDDDB record search revealed documented occurrences of five sensitive habitats within the 9-quad area of the Project site including: Coastal and Valley Freshwater Marsh, Elderberry Savanna, Great Valley Cottonwood Riparian Forest, Great Valley Mixed Riparian Forest, Great Valley Oak Riparian Forest. None of these sensitive natural communities are recorded in the CNDDDB as occurring on the Project site, and a field survey performed by Steve McMurtry verified that these habitats are absent from the Project site. Mitigation Measure BIO-2 was adopted as part of the Master Plan EIR to ensure protections to jurisdictional facilities and/or riparian habitat; however, this mitigation measure is not applicable to the proposed Project because such habitat is absent from the Project site. Implementation of the proposed Project would have **no impact** relative to this topic.

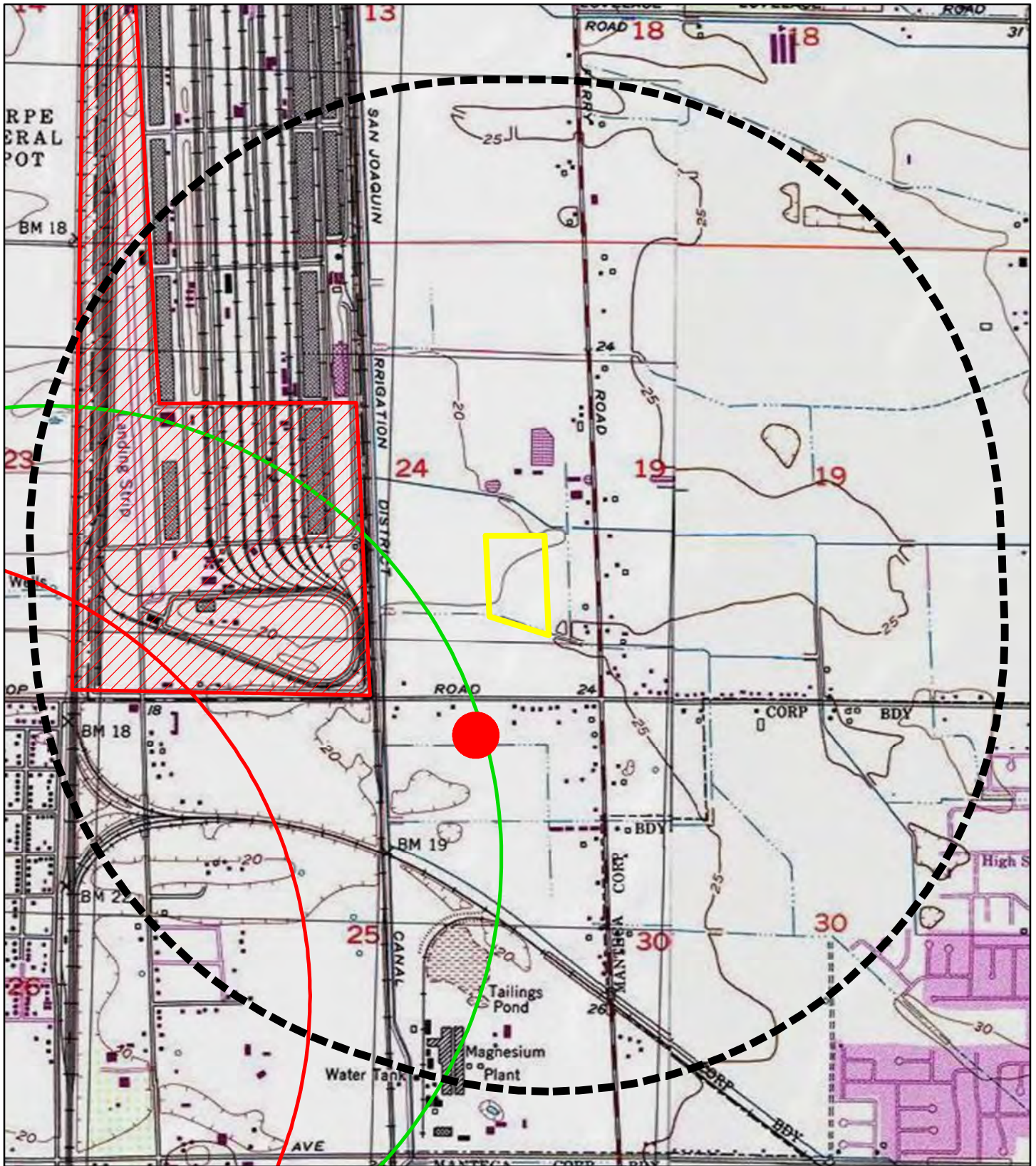
**Response c):** The Project site does not contain protected wetlands or other jurisdictional areas and there is no need for permitting associated with the federal or state Clean Water Acts. Absent any wetlands or jurisdictional waters, implementation of the proposed Project would have **no impact** relative to this topic.

**Response d):** The CNDDDB record search did not reveal any documented wildlife corridors or wildlife nursery sites on or adjacent to the Project site. The field survey did not reveal any evidence of a wildlife corridor or nursery site. Special status fish species documented within the region include: Delta smelt (*Hypomesus transpacificus*), Hardhead (*Mylopharodon conocephalus*), Central Valley steelhead (*Oncorhynchus mykiss*), Central Valley fall- /late fall-run Chinook salmon (*Oncorhynchus tshawytscha*), and Longfin smelt (*Spirinchus thaleichthys*). The closest major natural movement corridor for native fish that are documented in the region is the San Joaquin River, located to the west of the Project site. The land uses within the Project site would not have any direct disturbance to the San Joaquin River or its tributaries, and therefore, would not have any direct disturbance to the movement corridor or habitat. Implementation of the proposed Project would have **no impact** relative to this topic.

**Response e):** The Resource Conservation Element of the General Plan establishes numerous policies and implementation measures related to biological resources. As discussed throughout this chapter of the Initial Study, the Project site does not contain biological resources given that it has been fully developed. Functionally, the proposed Project is a redevelopment or intensification of an existing development. The proposed Project would not conflict with any of these policies and implementation measures, nor would it conflict with any ordinances contained in the Manteca Municipal Code. Implementation of the proposed Project would have **no impact** relative to this topic.

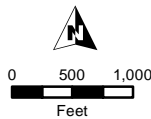
**Response f):** The proposed Project was subject to the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP) when it was developed as a Container Yard. The fees were paid and coverage was provided. Implementation of the proposed Project would have **no impact** relative to this topic.

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**Legend**

-  Project Area
-  1-mile Radius of Project Area
-  Plant (circular)
-  Animal (80m)
-  Animal (non-specific)
-  Animal (circular)



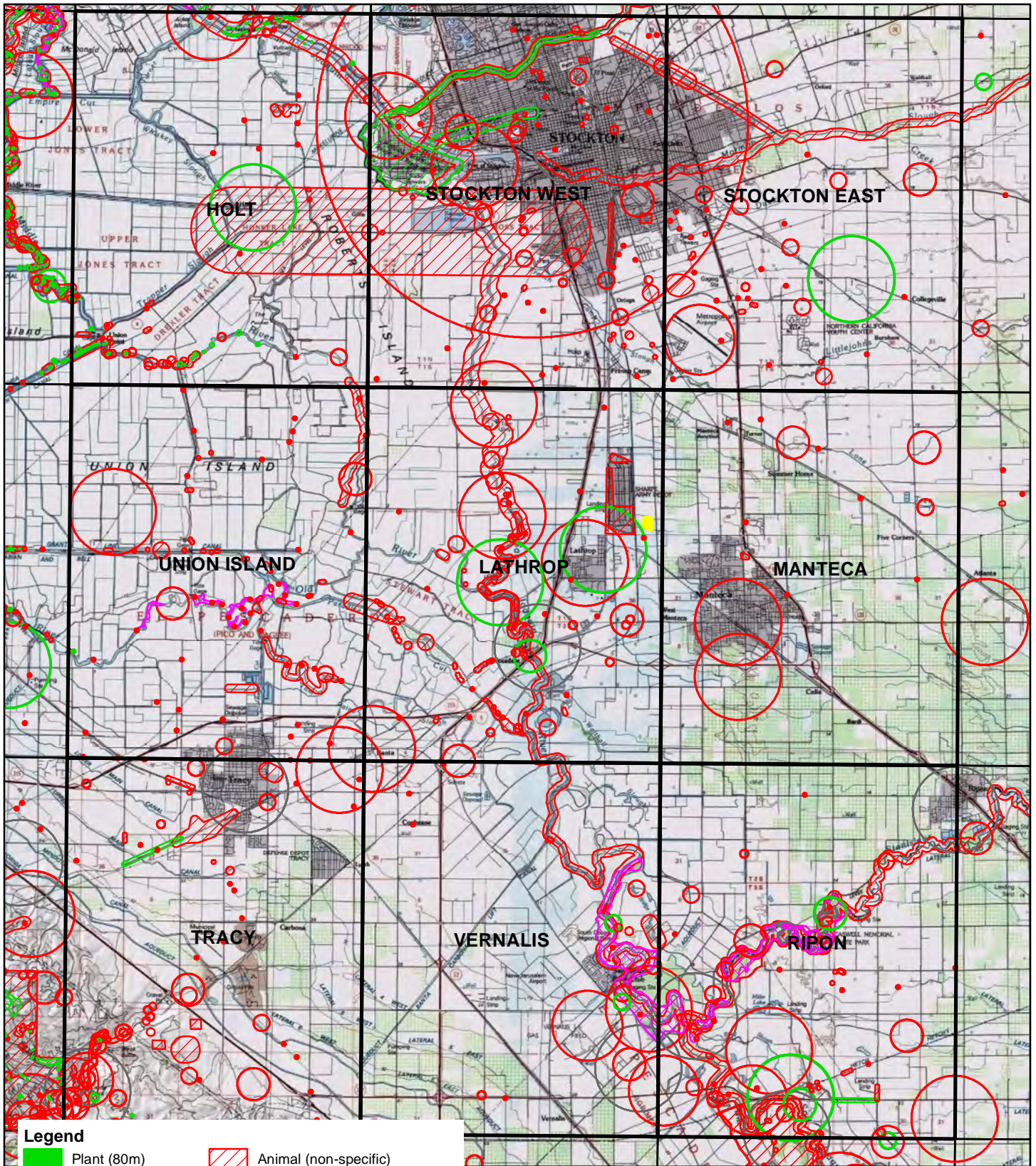
**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

**Figure 5. California Natural Diversity Database 1-mile Search**

CNDDDB version 12/7/2021. Please Note: the occurrences shown on this map represent the known locations of the species listed here as of the date of this version. There may be additional occurrences or additional species within this area which have not been surveyed and/or mapped. Lack of information in the CNDDDB about a species or an area can never be used as proof that no special status species occur in an area. Basemap: USA Topo Map. Map date: December 18, 2021.

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**Legend**

- |  |                      |  |                                  |
|--|----------------------|--|----------------------------------|
|  | Plant (80m)          |  | Animal (non-specific)            |
|  | Plant (specific)     |  | Animal (circular)                |
|  | Plant (non-specific) |  | Terrestrial Community (specific) |
|  | Plant (circular)     |  | Terrestrial Community (circular) |
|  | Animal (80m)         |  | Multiple (non-specific)          |
|  | Animal (specific)    |  | Multiple (circular)              |

CNDDDB version 12/7/2021. Please Note: the occurrences shown on this map represent the known locations of the species listed here as of the date of this version. There may be additional occurrences or additional species within this area which have not been surveyed and/or mapped. Lack of information in the CNDDDB about a species or an area can never be used as proof that no special status species occur in an area. Basemap: USA Topo Map. Map date: December 18, 2021.



**GBxMANTECA PROJECT**  
**MANTECA, CALIFORNIA**

**Figure 6. California Natural Diversity Database 9-quad Search**

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## V. CULTURAL RESOURCES

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?		X		
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?		X		
c) Disturb any human remains, including those interred outside of formal cemeteries?		X		

### *Responses to Checklist Questions*

**Response a), b):** As provided in the Northwest Airport Way Master Plan EIR, the record search showed that there are no historic or archaeological resources that have been previously recorded within the Master Plan area. In addition, during the course of the pedestrian survey, no historic or archaeological resources were discovered within the Master Plan area. However, there is always the possibility that ground-disturbing activities during project development could potentially impact previously unknown historic resources. As such, Mitigation Measure CUL-1 requires standard inadvertent discovery procedures to be implemented in the event that subsurface historical or archaeological resources are encountered during construction. With the implementation of mitigation, impacts would be reduced to a level of ***less than significant***.

### *Mitigation Adopted by the City*

***Mitigation Measure CUL-1:*** *If potentially significant historic resources are encountered during subsurface excavation activities for any Master Plan use, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate California Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.*

***Mitigation Measure CUL-2:*** *If potentially significant archaeological resources are encountered during subsurface excavation activities, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental*

*Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.*

**Response c):** There are no known burial sites within the Master Plan project area. The pedestrian survey conducted for the Northwest Airport Way Master Plan EIR did not find any evidence of human remains or burial goods within the Project site. In addition, none of the previous surveys that included the Master Plan project area or were within a 0.25-mile radius reported finding any human remains. Nonetheless, the possibility exists that subsurface construction activities may encounter previously undiscovered human remains. Accordingly, this is a potentially significant impact. Mitigation Measure CUL-4 requires standard inadvertent discovery procedures to be implemented in the event that subsurface cultural resources are encountered during construction. With the implementation of mitigation, impacts would be reduced to a level of ***less than significant***.

#### *Mitigation Adopted by the City*

**Mitigation Measure CUL-4:** *If previously unknown human remains are encountered during construction activities, Section 7050.5 of the California Health and Safety Code applies, and the following procedures shall be followed: In the event of an accidental discovery or recognition of any human remains, Public Resource Code Section 5097.98 must be followed. Once project-related ground disturbance begins and if there is accidental discovery of human remains, the following steps shall be taken:*

- *There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the San Joaquin County Coroner's Office is contacted to determine if the remains are Native American and if an investigation into cause of death is required. If the coroner determines the remains are Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the "most likely descendant" of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.*

**VI. ENERGY**

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

*Responses to Checklist Questions*

**Responses a), b):** Appendix G of the State CEQA Guidelines requires consideration of the potentially significant energy implications of a project. CEQA requires mitigation measures to reduce “wasteful, inefficient and unnecessary” energy usage (Public Resources Code Section 21100, subdivision [b][3]). According to Appendix G of the CEQA Guidelines, the means to achieve the goal of conserving energy include decreasing overall energy consumption, decreasing reliance on natural gas and oil, and increasing reliance on renewable energy sources. In particular, the proposed Project would be considered “wasteful, inefficient, and unnecessary” if it were to violate state and federal energy standards and/or result in significant adverse impacts related to project energy requirements, energy inefficiencies, energy intensiveness of materials, cause significant impacts on local and regional energy supplies or generate requirements for additional capacity, fail to comply with existing energy standards, otherwise result in significant adverse impacts on energy resources, or conflict or create an inconsistency with applicable plan, policy, or regulation, including the City of Manteca CAP.<sup>2</sup>

The amount of energy used at the Project site would directly correlate to the energy consumption (including fuel) used by vehicle trips generated during project construction, fuel used by off-road construction vehicles during construction, fuel used by vehicles during project operation, and electricity and other energy usage during project operation. The CalEEMod modeling results for the proposed Project estimate annual operational electricity usage at approximately 1,895,026 kWh/year, and annual natural gas usage at 1,513,560 kBTU/year (see Appendix A for further detail).

**Conclusion**

The proposed Project would be in compliance with all applicable federal, state, and local regulations regulating energy usage. For example statewide measures, including those intended to improve the energy efficiency of the statewide passenger and heavy-duty truck vehicle fleet (e.g. the Pavley Bill and the Low Carbon Fuel Standard) are improving vehicle fuel economies, thereby conserving gasoline and diesel fuel. These energy savings would continue to accrue over time.

As a result, the proposed Project would not result in any significant adverse impacts related to project energy requirements, energy use inefficiencies, and/or the energy intensiveness of materials by amount and fuel type for each stage of the proposed Project including construction, operations, maintenance, and/or removal. PG&E, the electricity and natural gas provider to the site, maintains sufficient capacity to serve the proposed Project. In addition, PG&E is on its way

<sup>2</sup> See Section VIII. Greenhouse Gas Emissions for a comparison of the project’s consistency with relevant CAP reduction measures.

to achieving the statewide requirement of 50% of total energy mix generated by eligible renewables by year 2030. As of 2018, PG&E generated approximately 38% of its energy from eligible renewables (PG&E, 2019). The proposed Project would comply with all existing energy standards, including the statewide Title 24 Energy Efficiency Standards, and would not result in significant adverse impacts on energy resources. Therefore, the proposed Project would not result in potentially significant environmental impacts due to inefficient, wasteful, or unnecessary use of energy resources during construction and operation, nor conflict with or construct with a State or local plan for renewable energy or energy efficiency. This is a ***less than significant*** impact.

## VII. GEOLOGY AND SOILS

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:			X	
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
ii) Strong seismic ground shaking?			X	
iii) Seismic-related ground failure, including liquefaction?		X		
iv) Landslides?			X	
b) Result in substantial soil erosion or the loss of topsoil?		X		
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?		X		
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?		X		
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

### *Responses to Checklist Questions*

**Responses a.i), a.ii), a.iv):** Figure 7 shows the earthquake faults in the vicinity of the Project site. As shown in the figure, the site is not located within a currently designated Alquist-Priolo Earthquake Fault Zone, and known surface expression of active faults does not exist within the site. However, the site is located within a seismically active region. The U.S. Geological Survey identifies potential seismic sources within approximately 20 miles of the Project site. Two of the closest known faults classified as active by the U.S. Geological Survey are an unnamed fault east of the City of Tracy, located approximately 8 miles to the west, and the San Joaquin fault, located approximately 16 miles to the southwest. The Midway fault is located approximately 20 miles to

the west. Other faults that could potentially affect the proposed Project include the Corral Hollow-Carnegie fault, the Greenville fault, the Antioch fault, and the Los Positas fault.

### **Geologic Hazards**

Potential seismic hazards resulting from a nearby moderate to major earthquake could generally be classified as primary and secondary. The primary seismic hazard is ground rupture, also called surface faulting. The common secondary seismic hazards include ground shaking and ground lurching.

#### **Ground Rupture**

Because the property does not have known active faults crossing the site, and the site is not located within an Earthquake Fault Special Study Zone, ground rupture is unlikely at the subject property.

#### **Ground Shaking**

According to the California Geological Survey's Probabilistic Seismic Hazard Assessment Program, Manteca is considered to be within an area that is predicted to have a 10 percent probability that a seismic event would produce horizontal ground shaking of 10 to 20 percent within a 50-year period. This level of ground shaking correlates to a Modified Mercalli intensity of V to VII, light to strong. As a result of these factors the California Geological Survey has defined the entire county as a seismic hazard zone. There will always be a potential for groundshaking caused by seismic activity anywhere in California, including the Project site.

#### **Landslides**

The proposed Project site is not susceptible to landslides because the area is essentially flat. This is a less than significant impact.

#### **Conclusion**

In order to minimize potential damage to the proposed site improvements, all construction in California is required to be designed in accordance with the latest seismic design standards of the California Building Standards Code. Design in accordance with these standards would reduce any potential impact to a less than significant level. Because all development in the Project site must be designed in conformance with these State standards, any potential impact would be considered *less than significant*.

**Responses a.iii), c), d):** Liquefaction normally occurs when sites underlain by saturated, loose to medium dense, granular soils are subjected to relatively high ground shaking. During an earthquake, ground shaking may cause certain types of soil deposits to lose shear strength, resulting in ground settlement, oscillation, loss of bearing capacity, landsliding, and the buoyant rise of buried structures. The majority of liquefaction hazards are associated with sandy soils, silty soils of low plasticity, and some gravelly soils. Cohesive soils are generally not considered to be susceptible to liquefaction. In general, liquefaction hazards are most severe within the upper 50 feet of the surface, except where slope faces or deep foundations are present.

Expansive soils are those that undergo volume changes as moisture content fluctuates; swelling substantially when wet or shrinking when dry. Soil expansion can damage structures by cracking foundations, causing settlement and distorting structural elements. Expansion is a typical



characteristic of clay-type soils. Expansive soils shrink and swell in volume during changes in moisture content, such as a result of seasonal rain events, and can cause damage to foundations, concrete slabs, roadway improvements, and pavement sections.

Soil expansion is dependent on many factors. The more clayey, critically expansive surface soil and fill materials will be subjected to volume changes during seasonal fluctuations in moisture content. Figure 8 shows the soils within the Project site. There are no expansive (i.e. shrink-swell) soils within the Project site. The soils encountered at the Project site consist of Veritas fine sandy loam, and Tinnin loamy course sand.

Future development of the proposed Project could expose people or structures to adverse effects associated with liquefaction and/or soil expansion. Construction of the proposed Project would be required to comply with the City's General Plan policies related to geologic and seismic hazards. For example, Policy S-P-2 provides that the City will require new development to mitigate the potential impacts of geologic hazards through building review, and Policy S-P-3 provides that the City will require new development to mitigate the potential impacts of seismic-induced settlement of uncompacted fill and liquefaction due to the presence of a high-water table. To that end, General Plan Policy S-P-1 requires that all proposed development prepare geological reports and/or geological engineering reports for projects located in areas of potentially significant geological hazards, including potential subsidence (collapsible surface soils) due to groundwater extraction. Moreover, Mitigation Measure GEO-1 would ensure that the Project applicant will submit a design-level geotechnical study and buildings plans to the City of Manteca for review and approval.

Therefore, with implementation of Mitigation Measure GEO-1, this potential impact would be ***less than significant***.

#### *Mitigation Adopted by the City*

***Mitigation Measure GEO-1:*** *Prior to issuance of building permits, the Project applicant shall submit a design-level geotechnical study and building plans to the City of Manteca for review and approval. The building plans shall demonstrate that they incorporate all applicable recommendations of the design-level geotechnical study and comply with all applicable requirements of the most recent version of the California Building Standards Code. A licensed professional engineer shall prepare the plans, including those that pertain to soil engineering, structural foundations, pipeline excavation, and installation. The approved plans shall be incorporated into the proposed Project. All onsite soil engineering activities shall be conducted under the supervision of a licensed Geotechnical Engineer or Certified Engineering Geologist.*

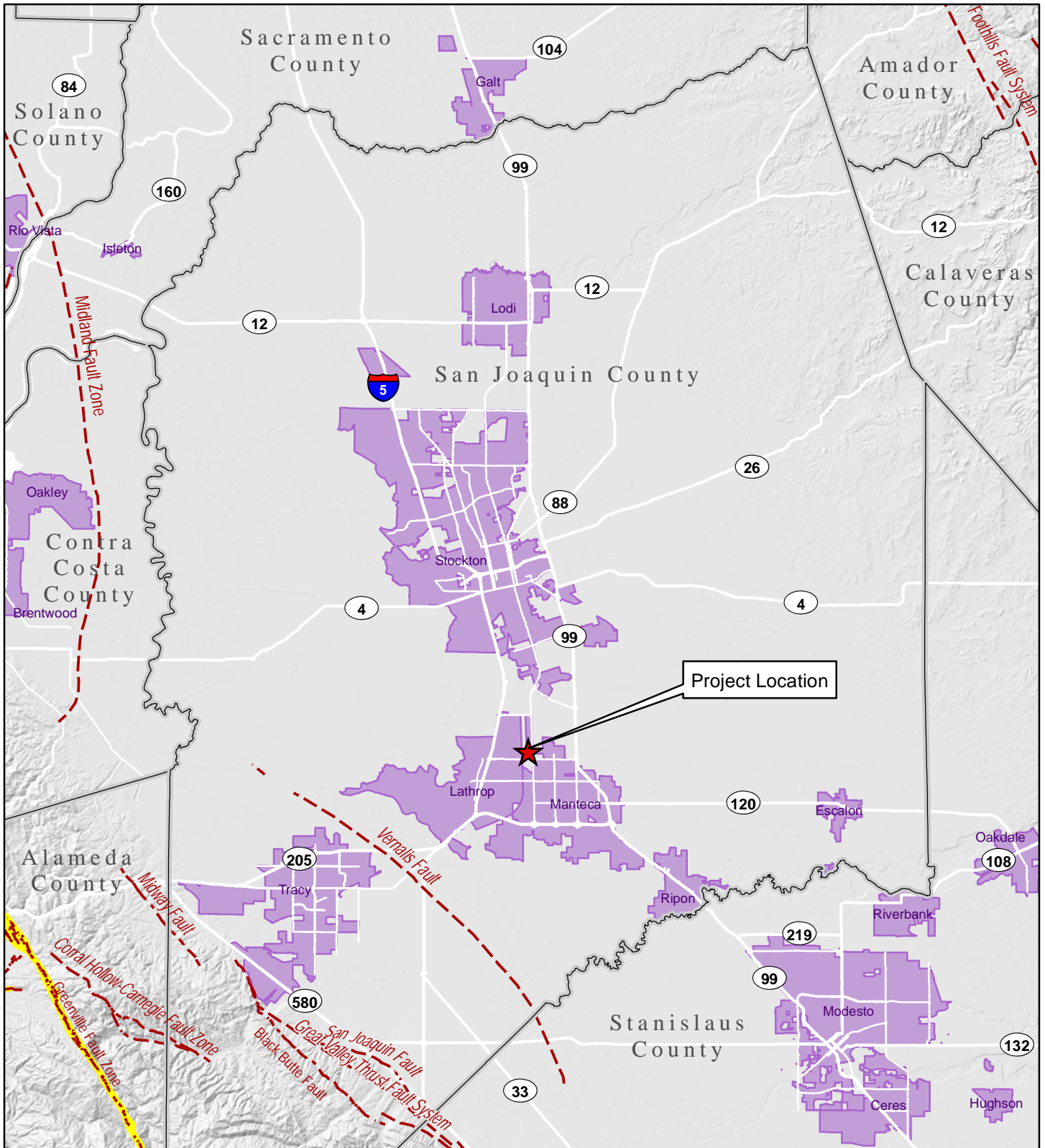
**Response b):** The majority of the Project site is already impervious, and drainage flows to the basin that was built as part of the Container Yard project. The proposed Project is not anticipated to create any new impervious surface areas or ground disturbance of top soil. Nevertheless, without implementation of appropriate Best Management Practices (BMPs) related to prevention of soil erosion during construction, development of the proposed Project could result in a potentially significant impact with respect to soil erosion. Mitigation Measure HYD-1 requires the Project applicant to prepare and submit a Stormwater Pollution Prevention Plan identifying specific actions and BMPs to prevent stormwater pollution during construction activities. The SWPPP shall include, among other things, temporary erosion control measures to be employed for disturbed areas. Implementation of the following mitigation measure, therefore, would ensure the impact is ***less than significant***.

**Response e):** No septic systems will be used or developed as part of the proposed Project. Therefore, **no impact** would occur related to soils incapable of adequately supporting the use of septic tanks.

**Response f):** There are no paleontological resources or unique sites located on the Project site. In the event that plant or animal fossils are discovered during subsurface excavation activities, Mitigation Measure CUL-3 would all excavation within 50 feet of the fossil to cease until a paleontologist has determined the significance of the find and provided recommendations in accordance with Society of Vertebrate Paleontology standards. If the find is determined to be significant and the City determines that avoidance is not feasible, the paleontologist would design and implement a data recovery plan consistent with the Society of Vertebrate Paleontology standards, to be submitted to the City for review and approval. With implementation of Mitigation Measure CUL-3, impacts to paleontological resources or unique geologic features are not expected. This is a **less than significant** impact.

*Mitigation Adopted by the City*

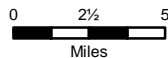
**Mitigation Measure CUL-3:** *In the event that plant or animal fossils are discovered during subsurface excavation activities for the proposed Project, all excavation within 50 feet of the fossil shall cease until a qualified paleontologist has determined the significance of the find and provides recommendations in accordance with Society of Vertebrate Paleontology standards. The paleontologist shall notify the City of Manteca to determine procedures to be followed before construction is allowed to resume at the location of the find. If the find is determined to be significant and the City determines that avoidance is not feasible, the paleontologist shall design and implement a data recovery plan consistent with the Society of Vertebrate Paleontology standards. The plan shall be submitted to the City for review and approval. Upon approval, the plan shall be incorporated into the project.*



Project Location

**Legend**

- - - Quaternary Fault
- Alquist Priolo Fault Zone
- Incorporated Area
- County Boundary

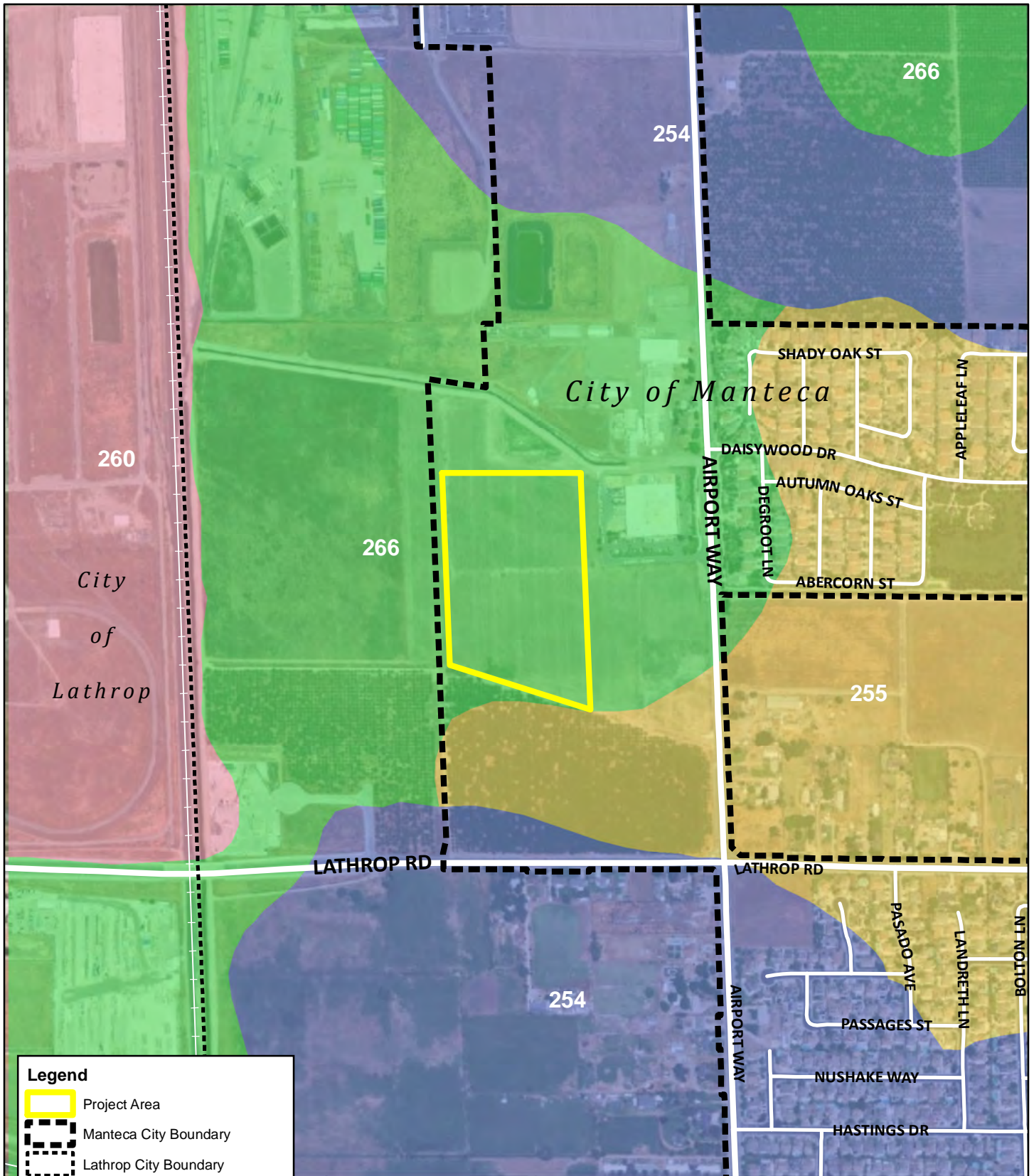


**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

Figure 7. Earthquake Fault Map

Source: San Joaquin County GIS; USGS; California State GeoPortal. Map date: December 17, 2021.

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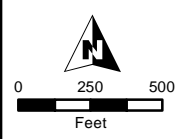


**Legend**

- Project Area
- Manteca City Boundary
- Lathrop City Boundary

**NRCS Soil Description**

- 254: Timor loamy sand
- 255: Tinnin loamy coarse sand
- 260: Urban land
- 266: Veritas fine sandy loam



**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

**Figure 8. Soils Map**

Sources: San Joaquin County GIS; NRCS Web Soil Survey; ArcGIS Online World Imagery Map Service 5/4/2020. Map date: December 17, 2021.

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## VIII. GREENHOUSE GAS EMISSIONS

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gasses?			X	

### *Existing Setting*

Various gases in the Earth's atmosphere, classified as atmospheric greenhouse gases (GHGs), play a critical role in determining the Earth's surface temperature. Solar radiation enters Earth's atmosphere from space, and a portion of the radiation is absorbed by the Earth's surface. The Earth emits this radiation back toward space, but the properties of the radiation change from high-frequency solar radiation to lower-frequency infrared radiation.

Naturally occurring GHGs include water vapor (H<sub>2</sub>O), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and ozone (O<sub>3</sub>). Several classes of halogenated substances that contain fluorine, chlorine, or bromine are also GHGs, but they are, for the most part, solely a product of industrial activities. Although the direct GHGs, including CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O, occur naturally in the atmosphere, human activities have changed their atmospheric concentrations. From the pre-industrial era (i.e., ending about 1750) to 2011, concentrations of these three GHGs have increased globally by 40, 150, and 20 percent, respectively (IPCC, 2013).

Greenhouse gases, which are transparent to solar radiation, are effective in absorbing infrared radiation. As a result, this radiation that otherwise would have escaped back into space is now retained, resulting in a warming of the atmosphere. This phenomenon is known as the greenhouse effect. Among the prominent GHGs contributing to the greenhouse effect are carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), ozone (O<sub>3</sub>), water vapor, nitrous oxide (N<sub>2</sub>O), and chlorofluorocarbons (CFCs).

Emissions of GHGs contributing to global climate change are attributable in large part to human activities associated with the industrial/manufacturing, utility, transportation, residential, and agricultural sectors. Consumption of fossil fuels in the transportation sector was the single largest source of California's GHG emissions in 2018, accounting for 41% of total GHG emissions in the state. This category was followed by the industrial sector (24%), the electricity generation sector (including both in-state and out of-state sources) (15%) and the agriculture and forestry sector (8%) (California Energy Commission, 2016).

As the name implies, global climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants, which are pollutants of regional and local concern, respectively. California produced approximately 425 million gross metric tons of carbon dioxide equivalents (MMTCO<sub>2</sub>e) in 2018 (California Energy Commission, 2021). Given that the U.S. EPA estimates that worldwide emissions from human activities totaled nearly 46 billion gross metric tons of carbon dioxide equivalents (BMTCO<sub>2</sub>e) in 2010, California's incremental contribution to global GHGs is approximately 2% (U.S. EPA, 2014).

Carbon dioxide equivalents are a measurement used to account for the fact that different GHGs have different potential to retain infrared radiation in the atmosphere and contribute to the greenhouse effect. This potential, known as the global warming potential of a GHG, is also dependent on the lifetime, or persistence, of the gas molecule in the atmosphere. Expressing GHG emissions in carbon dioxide equivalents takes the contribution of all GHG emissions to the greenhouse effect and converts them to a single unit equivalent to the effect that would occur if only CO<sub>2</sub> were being emitted.

### *Responses to Checklist Questions*

**Responses a), b):** Existing science is inadequate to support quantification of impacts that project specific GHG emissions have on global climatic change. This is readily understood when one considers that global climatic change is the result of the sum total of GHG emissions, both man-made and natural that occurred in the past; that is occurring now; and will occur in the future. The effects of project specific GHG emissions are cumulative, and unless reduced or mitigated, their incremental contribution to global climatic change could be considered significant.

The SJVAPCD's *Guidance for Assessing and Mitigating Air Quality Impacts* (SJVAPCD, 2015) provides an approach to assessing a project's impacts on greenhouse gas emissions by evaluating the project's emissions to the "reduction targets" established in ARB's AB 32 Scoping Plan. For instance, the SJVAPCD's guidance recommends that projects should demonstrate that "*project specific GHG emissions would be reduced or mitigated by at least 29%, compared to Business as Usual (BAU), including GHG emission reductions achieved since the 2002-2004 baseline period, consistent with GHG emission reduction targets established in ARB's AB 32 Scoping Plan. Projects achieving at least a 29% GHG emission reduction compared to BAU would be determined to have a less than significant individual and cumulative impact for GHG.*"

Subsequent to the SJVAPCD's approval of the *Final Draft Guidance for Assessing and Mitigating Air Quality Impacts* (SJVAPCD 2015), the California Supreme Court issued an opinion that affects the conclusions that should/should not be drawn from a GHG emissions analysis that is based on consistency with the AB 32 Scoping Plan. More specifically, in *Center for Biological Diversity v. California Department of Fish and Wildlife*, the Court ruled that showing a "project-level reduction" that meets or exceeds the Scoping Plan's overall statewide GHG reduction goal is not necessarily sufficient to show that the project's GHG impacts will be adequately mitigated: "*the Scoping Plan nowhere related that statewide level of reduction effort to the percentage of reduction that would or should be required from individual projects...*" According to the Court, the lead agency cannot simply assume that the overall level of effort required to achieve the statewide goal for emissions reductions will suffice for a specific project.

Given this Court decision, reliance on a 29 percent GHG emissions reduction from projected BAU levels compared to the project's estimated 2020 levels as recommended in the SJVAPCD's guidance documents is not an appropriate basis for an impact conclusion in the MND. Given that the SJVAPCD staff has concluded that "*existing science is inadequate to support quantification of impacts that project specific GHG emissions have on global climatic change,*" this MND instead relies on consistency with the local reduction strategies contained within the existing City of Manteca Climate Action Plan (CAP) (2013) for this analysis.

The City of Manteca adopted its CAP in October 2013. The purpose of the CAP is to: 1) outline a course of action for the City government and the community of Manteca to reduce per capita greenhouse gas emissions by amounts required to show consistency with AB 32 goals and adapt to effects of climate change, and 2) provide clear guidance to City staff regarding when and how to implement key provisions of the CAP, and 3) provide a streamlined mechanism for projects



that are consistent with the CAP to demonstrate that they would not contribute significant greenhouse gas impacts.

The GHG Plan is considered a “Qualified Plan,” according to CEQA Guidelines Section 15183.5.2.

The approach still relies on the Appendix G of the CEQA Guidelines thresholds which indicate that climate change-related impacts are considered significant if implementation of the proposed Project would do any of the following:

1. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

These two CEQA Appendix G threshold questions are provided within the Initial Study checklist and are the thresholds used for the subsequent analysis. The focus of the analysis is on the project’s consistency with the CAP. The CAP contains an inventory of GHG emissions, reduction strategies, and a means to implement, monitor, and fund the Plan. The purpose of the CAP is to outline a course of action for the City government and the community of Manteca to reduce per capita greenhouse gas emissions by amounts required to show consistency with AB 32 goals for the year 2020, and to adapt to effects of climate change. The CAP also provides clear guidance to City staff regarding when and how to implement key provisions of the CAP. Lastly, the CAP provides a streamlined mechanism for projects that are consistent with the CAP to demonstrate that they would not contribute significant greenhouse gas impacts. The analysis provided herein includes quantitative modeling to show the construction and operational emissions of GHGs as a result of the project, however, the conclusions are based on the fact that the project is consistent with the reduction strategies contained within the CAP.

#### *Project Greenhouse Gas Emissions*

The proposed project would generate GHGs during the construction and operational phases of the proposed project. The primary source of construction-related GHGs from the proposed project would result from emissions of CO<sub>2</sub> associated with the construction of the proposed project, and worker vehicle trips. The proposed project would require limited grading, and would also include site preparation, building construction, architectural coating, and paving phases. Sources of GHGs during project operation would include CO<sub>2</sub> associated with operational vehicle trips and on-site energy usage (e.g. electricity). Other sources of GHG emissions would be minimal.

Table GHG-1 provides the estimated GHG emissions that would be generated during project construction and operation.

**Table GHG-1: Project Mitigated Construction and Operational GHG Emissions (metric tons/year)**

<i>Year</i>	<i>CO<sub>2</sub>e</i>
<b>Construction</b>	
2022	260.5
2023	528.2
<b>Operation</b>	
Annual	1,075.6

Source: CalEEMod, v.2020.4.0

### *Project Consistency with the Manteca CAP*

Table GHG-2, below provides a consistency analysis of the relevant Manteca CAP policies in comparison to the proposed project.

**TABLE GHG-2: PROJECT CONSISTENCY WITH THE MANTECA CAP**

<i>No.</i>	<i>Strategy</i>	<i>Consistency Determination</i>
CD-1	The City shall encourage projects consistent with the development densities allowed by the General Plan and are contiguous to existing development meet compact development criteria.	<b>Consistent:</b> The project is consistent with the development densities allowed by the General Plan.
CD-2	The City shall encourage projects that are at or near the maximum densities allowed by the General Plan and zoning designations to achieve more compact development.	<b>Consistent:</b> The project is near the maximum density allowed by the General Plan and zoning designations.
TDM-1	Notify developers of large commercial and industrial developments of the requirements of SJVAPCD Rule 9410 to implement TDM programs that reduce commute trips.	<b>Consistent:</b> The City would notify the developer of the project regarding the requirements of SJVAPCD Rule 9410 to implement TDM programs that reduce commute trips.
TEF-1	The City shall provide developers of projects with the potential for employing more than 100 persons at a single work site with information on end-of-trip facilities appropriate for the type of business and size of the project that will assist in their compliance with SJVAPCD Rule 9410.	<b>Consistent:</b> The City would notify the developer of the project regarding the potential for employing more than 100 persons at a single work site with information on end-of-trip facilities
ENB-1	The City shall require developers to exceed Title 24 energy efficiency standards by at least 10 percent. The City recognizes that it may not be feasible for all buildings and structures to exceed Title 24 by this amount because of the form or function of the building. Projects that cannot meet the reduction level may provide solar panels or other non-building-related energy efficiency measures such as exterior lighting or water savings.	<b>Consistent:</b> The project developer would be required to develop building plans consistent with this measure. Specifically, the proposed Project anticipates installation of and 800 kW solar facility.

Based on CAP measure ENB-1, the proposed Project would be required to exceed the Title 24 energy efficiency requirements by at least 10 percent, if feasible, or (if not feasible), require implementation of solar panels or other non-building related energy efficiency measures such as exterior or water savings. The proposed Project anticipates installation of an 800 kW solar facility, which will provide significant energy savings and would be consistent with the requirements of the State law, local regulations, and the City of Manteca's recommendations related to climate action planning.

### *Project Consistency with SJCOG's RTP/SCS*

In addition, the proposed project would not conflict with the implementation of regional transportation-related GHG targets outlined in San Joaquin Council of Governments' (SJCOG) 2018 Regional Transportation Plan and Sustainable Communities Strategy (2018 RTP/SCS). The 2018 RTP/SCS includes the Northwest Airport Way Master Plan in their population and employment projections, and VMT increases associated with buildout of the City of Manteca.

### *Conclusion*

Overall, the proposed project would be consistent with the strategies as described in the City of Manteca CAP and it functions as an implementation project toward achieving the City's Climate Action Plan. Since the proposed project would not conflict with the Manteca CAP (including consistency with the growth projections generated by the Manteca CAP or SJCOG's RTP/SCS, the proposed project would not generate a significant cumulative impact to GHGs.

The proposed project would not generate GHG emissions that would have a significant impact on the environment or conflict with any applicable plans, policies, or regulations. Therefore, impacts related to greenhouse gases are ***less than significant***.

**IX. HAZARDS AND HAZARDOUS MATERIALS**

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?		X		
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?		X		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			X	
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?			X	
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X	

*Responses to Checklist Questions*

**Responses a), b):** The Project site is a developed Container Yard. Since the proposed Project does not include demolition, risks associated with demolition of buildings that may contain potential hazards (such as lead and/or asbestos associated with building demolition) are not further discussed herein.

*Short-Term Impacts*

Project construction activities may involve the use and transport of hazardous materials. These materials may include fuels, oils, mechanical fluids, and other chemicals used during construction. However, under normal conditions, human health and the environment would not be exposed to hazardous materials. In addition, Mitigation Measure HYD-1 requires the Project applicant to implement a Stormwater Pollution Prevention Plan during construction activities to prevent contaminated runoff from leaving the Project site.

*Long-Term Impacts*

Typically, light industrial/warehouse and commercial/retail land uses do not generate, store, or dispose of significant quantities of hazardous materials. Such uses also do not normally involve dangerous activities that could expose persons onsite or in the surrounding areas to large quantities of hazardous materials. While the specific tenants for this project are not known, general landscaping and maintenance will include the use of pest control, herbicide, and janitorial products such as commercial cleaners.

Small quantities of hazardous materials would be used onsite, including cleaning solvents (such as degreasers, paint thinners, and aerosol propellants), paints (both latex- and oil-based), acids and bases (such as many cleaners), disinfectants, and fertilizers. These substances would be stored in secure areas. The potential risks posed by the use and storage of these hazardous materials are primarily limited to the immediate vicinity of the materials. Transport of these materials would be performed by commercial vendors who would be required to comply with various federal and state laws regarding hazardous materials transportation.

Overall, with implementation the proposed Project would have a *less than significant* impact relative to these issues.

**Response c):** The Project site is not located within ¼ mile of an existing school. The nearest school (George McParland Elementary School) is located approximately 0.73 miles to the southeast of the Project site, at its closest point. East Union High School, located east of the Project site, is also approximately 1.19 miles from the Project site. Joseph Widmer Elementary, located west of the Project site, is also approximately 1.18 miles from the Project site. Therefore, implementation of the proposed Project would result in a *less than significant* impact relative to this topic.

**Response d):** A Phase I Environmental Site Assessment (ESA) was prepared for the Master Plan EIR, and it concluded that there were no Recognized Environmental Concerns (REC)s within the Master Plan area. Subsequently, a Phase I ESA was prepared specifically for the Project site. This subsequent Phase I ESA also concluded that there were no RECs. The most recent Phase I ESA is included in Appendix F of this Initial Study.

According to the California Department of Toxic Substances Control (DTSC) there are no Federal Superfund Sites, State Response Sites, or Voluntary Cleanup Sites on, or in the near vicinity of the Project site. The Project site is not included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5. The nearest sites identified within these databases are located approximately 0.70 and 0.88 miles to the west and north of the Project site:

- Defense Distribution Depot San Joaquin – Sharpe Site (site CA8210020832): This site is a hazardous waste facility, which has a current status of Undergoing Closure. Operations at DDRW-Sharpe generate various types of hazardous wastes which are stored in containers on-site in Building 605. When a sufficient quantity of hazardous waste has accumulated, a contractor transfers the waste off-site to an approved treatment and/or disposal facility.
- Sharpe Army Depot (39970002): This site was previously known as Sharpe Army Depot and was operated by the U.S. Army. Defense Distribution Depot San Joaquin California (DDJC)-Sharpe was established in 1941 and consists of 727 acres. The Sharpe facility was listed on the federal National Priorities List in July 1987. On July 19, 1989, the U.S. Army, U.S.EPA, the RWQCB, and DTSC entered into a Federal Facility Agreement (FFA) for Sharpe. Past disposal sites include burial areas, burn pits, fire training areas, and leaking

underground storage tanks. Soil and groundwater contamination by volatile organic compounds (VOCs), primarily trichloroethylene (TCE) and perchloroethylene (PCE), has been found at the site. Presently, two offsite TCE plumes can be found west of the Central Area as well as in the North Balloon. Elevated arsenic concentrations have also been detected in the soils and groundwater at Sharpe. Lead and chromium contamination has also been found in the soil. DDJC--Sharpe completed its Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Five-Year Review in July of 2020.

Implementation of the proposed Project would result in a *less than significant* impact relative to this environmental topic.

**Response e):** The Federal Aviation Administration (FAA) establishes distances of ground clearance for take-off and landing safety based on such items as the type of aircraft using the airport. The Project site is not located within two miles of a private airstrip or public airport, or within an airport land use plan. The closest airport or airstrip is the Stockton Metropolitan Airport, located approximately 4 miles north of the Project site. Implementation of the proposed Project would have a *less than significant* impact with regards to this environmental issue.

**Response f):** The Office of Emergency Services (OES) maintains an Emergency Operations Plan (EOP) that serves as the official Emergency Plan for San Joaquin County. It includes planned operational functions and overall responsibilities of County Departments during an emergency situation. The Emergency Plan also contains a threat summary for San Joaquin County, which addresses the potential for natural, technological and human-caused disasters (County Code, Title 4-3007).

The County OES also prepared a Hazardous Materials Area Plan (§2720 H&S, 2008) that describes the hazardous materials response system developed to protect public health, prevent environmental damage and ensure proper use and disposal of hazardous materials. The plan establishes effective response capabilities to contain and control releases, establishes oversight of long-term cleanup and mitigation of residual releases, and integrates multi-jurisdiction and agency coordination. This plan is now implemented by the San Joaquin County Environmental Health Department.

The San Joaquin County Environmental Health Department maintains a Hazardous Materials Management Plan/ Hazardous Materials Business Plan (HMMP/HMBP). The HMMP/HMBP describes agency roles, strategies and processes for responding to emergencies involving hazardous materials. The Environmental Health Department maintains a Hazardous Materials Database and Risk and Flood Maps available to the public on its website.

In San Joaquin County, all major roads are available for evacuation, depending on the location and type of emergency that arises. The proposed Project does not include any actions that would impair or physically interfere with any of San Joaquin County's emergency plans or evacuation routes. Construction activities are not expected to result in any unknown significant road closures, traffic detours, or congestion that could hinder the emergency vehicle access or evacuation in the event of an emergency. Operational traffic generated by the Project site would not be significant relative to emergency access.

The Project site would provide adequate emergency vehicular access via driveway connections with adjoining roadways and an internal circulation network. All driveways and internal roadways would be designed to accommodate large emergency vehicles such as fire engines. These improvements would contribute to effective emergency response and evacuation, and they

would promote efficient circulation in the Project vicinity. Furthermore, the proposed Project does not propose any permanent road closures, lane reductions, or other adverse circulation conditions that may adversely affect emergency response or evacuation in the Project vicinity. Therefore, impacts would be less than significant.

Implementation of the proposed Project would have a *less than significant* impact with regards to this environmental issue.

**Response g):** The risk of wildfire is related to a variety of parameters, including fuel loading (vegetation), fire weather (winds, temperatures, humidity levels and fuel moisture contents), and topography (degree of slope). Steep slopes contribute to fire hazard by intensifying the effects of wind and making fire suppression difficult. Fuels such as grass are highly flammable because they have a high surface area to mass ratio and require less heat to reach the ignition point, while fuels such as trees have a lower surface area to mass ratio and require more heat to reach the ignition point.

The city has areas with an abundance of flashy fuels (i.e., grassland) in the outlying residential parcels and open lands that, when combined with warm and dry summers with temperatures often exceeding 100 degrees Fahrenheit, create a situation that results in higher risk of wildland fires. Most wildland fires are human caused, so areas with easy human access to land with the appropriate fire parameters generally result in an increased risk of fire.

According to CalFire, the City of Manteca contains areas with “moderate” and “non-wildland fuel” ranks. The areas warranting “moderate” fuel ranks possess combustible material in sufficient quantities combined with topographic characteristics that pose a wildfire risk. CalFire data for the areas immediately surrounding the Project site also include “moderate” and “non-wildland fuel” ranks. Areas west of Interstate 5, approximately 15 miles or further southwest of the Project site, are designated as “moderate” and “high” fuel ranks.

The Project site is located in an area with a “Local Responsibility Zone (LRA) Unzoned” rank. The site is not located on a steep slope, and is essentially flat. The Project site is also located in an area with existing agricultural and/or urban development, with existing or future agricultural and/or urban development located on all sides. Therefore, this is a *less than significant* impact and no mitigation is required.

## X. HYDROLOGY AND WATER QUALITY

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?		X		
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
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;		X		
(ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;		X		
(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		X		
(iv) Impede or redirect flood flows?			X	
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?		X		

### *Responses to Checklist Questions*

#### **Responses a), c.i), c.ii), c.iii), e):**

#### *Construction*

Construction activities including grading could temporarily increase soil erosion rates during and shortly after project construction. Construction-related erosion could result in the loss of soil and could adversely affect water quality in nearby surface waters.

Temporary stockpiles of sediment or other materials also have the potential to erode and be carried into the stormwater system and waterways. Construction activities will likely involve the use of gasoline and diesel-powered vehicles and equipment that pose a potential risk of accidental fuel and related chemical releases that could enter the drainage system and degrade water quality. As described below, BMPs would be implemented and maintained just before and during any project construction activities to protect surface water in the drainages and the San Joaquin River during all earthwork activities.



The RWQCB requires a project-specific SWPPP to be prepared for each project that disturbs an area one acre or larger, which includes the Project site. The SWPPP is required to include project specific BMPs that are designed to control drainage and erosion. Mitigation Measure HYD-1 would require the preparation of a SWPPP to ensure that the proposed Project prepares and implements a SWPPP throughout the construction phase of the proposed Project. By implementing and maintaining proper BMPs, the potential for short-term sediment introduction should be minimized. The SWPPP (Mitigation Measure HYD-1) would reduce the potential for the proposed Project to violate water quality standards during construction.

### *Operation*

The infiltration and runoff process is altered when a site is developed. Buildings, sidewalks, roads, and parking lots introduce asphalt, concrete, and roofing materials to the landscape. These materials are relatively impervious, which means that they absorb less rainwater. As impervious surfaces are added to the ground conditions, the natural infiltration process is reduced. As a result, the volume and rate of storm water runoff increases. The increased volumes and rates of storm water runoff can result in flooding if adequate storm drainage facilities are not provided.

There are no rivers, streams, or water courses located on or immediately adjacent to the Project site. As such, there is low potential for the proposed Project to alter a water course, which could lead to on or offsite flooding. Drainage improvements associated with the Project site would be located on the Project site, and the proposed Project would not alter or adversely impact offsite drainage facilities.

The proposed Project would not generate new or altered stormwater discharge into streams. Existing streams/crossings would be maintained, and no new crossings are proposed as part of the proposed Project.

The proposed Project is subject to the requirements of Chapter 13.28 of the Manteca Municipal Code – Stormwater Management and Discharge Control. The purpose of these requirements is to “establish minimum storm water management requirements and controls to protect and safeguard the general health, safety and welfare of the public residing in watersheds within the City of Manteca.” These requirements are intended to assist in the protection and enhancement of the water quality of watercourses, water bodies, and wetlands in a manner pursuant to and consistent with the Federal Water Pollution Control Act (Clean Water Act, 33 USC Section 1251 et seq.), Porter- Cologne Water Quality Control Act (California Water Code Section 13000 et seq.) and National Pollutant Discharge Elimination System (“NPDES”) Permit No. CAS000004, as such permit is amended and/or renewed.

Additionally, mitigation is proposed that would require the Project applicant to prepare and submit a stormwater quality control plan for the proposed Project as a whole to the City of Manteca for review and approval that would demonstrate adequate water quality protection prior to issuance of building or grading permits. The plan would be required to document the expected target pollutants and types of treatments that would be required of the building site to address those pollutants during operation. The expected polluted runoff from the paved internal roadways and proposed treatment must be included in the plan. The plan would also describe any monitoring effort and performance measures required and what entity would provide oversight to ensure that stormwater quality is sufficiently treated so as not to impede downstream detention basin performance or degrade water quality downstream.

Mitigation Measure HYD-2 requires a drainage plan that demonstrates attainment of pre-project runoff volumes and peak flows prior to release at the outlet canal. As required under Mitigation

Measure HYD-4, the drainage plan must also describe the volume reduction measures and treatment controls used to reach attainment. With implementation of the following mitigation measures, the proposed Project would have a **less than significant** impact relative to this environmental topic.

#### *Mitigation Adopted by the City*

**Mitigation Measure HYD-1:** *Prior to the issuance of grading or building permits for each proposed activity within the Master Plan area, the Project applicant shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the City of Manteca for approval that identifies specific actions and Best Management Practices (BMPs) to prevent stormwater pollution during construction activities. The SWPPP shall identify a practical sequence for BMP implementation, monitoring, and maintenance; site restoration; contingency measures; responsible parties; and agency contacts. The SWPPP shall include but not be limited to the following elements:*

- *Temporary erosion control measures shall be employed for disturbed areas.*
- *Specific measures shall be identified to protect the onsite open drainages during construction of the proposed resort.*
- *Specific measures shall be identified to protect the French Camp Outlet Canal and Drain 3 during any construction activities.*
- *No disturbed surfaces shall be left without erosion control measures in place during the winter and spring months.*
- *Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures.*
- *The construction contractor shall prepare Standard Operating Procedures for the handling of hazardous materials on the construction site to eliminate or reduce discharge of materials to storm drains.*
- *BMP performance and effectiveness shall be determined either by visual means where applicable (e.g., observation of above-normal sediment release), or by actual water sampling in cases where verification of contaminant reduction or elimination (such as inadvertent petroleum release) is required by the RWQCB to determine adequacy of the measure.*
- *In the event of significant construction delays or delays in final landscape installation, native grasses or other appropriate vegetative cover shall be established on the construction site as soon as possible after disturbance, as an interim erosion control measure throughout the wet season.*

**Mitigation Measure HYD-2:** *Prior to the issuance of building or grading permits for any development activities that occur pursuant to the Master Plan, the Project applicant shall submit a stormwater quality control plan to the City of Manteca for review and approval. The plan shall include a detailed drainage plan and identify expected site-specific pollutants and required measures to treat those pollutants before they reach the regional detention basins and, ultimately, the French Camp Outlet Canal and San Joaquin River. The approved measures shall be incorporated into the proposed Project. The plan will describe monitoring and performance measures and standards required in order to ensure water quality is adequately protected during operation of all proposed sites within the Project site. Examples of stormwater pollution prevention measures and practices to be incorporated into the plan include but are not limited to:*

- *Strategically placed bioswales and landscaped areas that promote percolation of runoff*

- *Pervious pavement*
- *Roof drains that discharge to landscaped areas*
- *Trash enclosures with screen walls and roofs*
- *Stenciling on storm drains*
- *Curb cuts in parking areas to allow runoff to enter landscaped areas*
- *Rock-lined areas along landscaped areas in parking lots*
- *Catch basins*
- *Oil/water separators*
- *Regular sweeping of parking areas and cleaning of storm drainage facilities*
- *Employee training to inform maintenance personnel of stormwater pollution prevention measures*

**Mitigation Measure HYD-4:** *Prior to the issuance of building or grading permits for the proposed Project, the Project applicant shall submit a stormwater quality control plan for the project as a whole to the City of Manteca for review and approval. The plan shall include a detailed drainage plan that demonstrates attainment of pre-project runoff requirements prior to release at the outlet canal and describes the volume reduction measures and treatment controls used to reach attainment. The drainage plan shall identify all expected flows from the Project site and the location, size, and type of facilities used to retain and treat the runoff volumes and peak flows to meet pre-project conditions. The approved drainage plan shall be incorporated into the proposed Project.*

**Response b):** The Master Plan area is located in the Eastern San Joaquin Subbasin. Groundwater levels in Eastern San Joaquin County have been in decline, due to overdraft, and there is a significant cone of depression east of Stockton and northeast of the Project site. There may be some contribution from the site in support of agricultural or domestic uses, but there are no onsite or nearby domestic wells that would be directly affected. The specific volume, location, and seasonal timing of recharge would not be expected to adversely impact overall groundwater supply in the area; therefore, this project does not have the potential to significantly interfere with groundwater recharge.

The proposed Project uses would be served with potable water for domestic purposes, irrigation, and fire flow from the City of Manteca, through the City's Municipal Well System and an agreement with SSJID for treated surface water. A Water Supply Assessment was prepared by the City of Manteca and concluded that adequate long-term water supplies exist to serve the Master Plan uses, including the uses at the Project site. As such, the Master Plan uses would not contribute to groundwater overdraft.

The proposed Project would not substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted). In addition, construction activities would be temporary and minor. Therefore, project construction and operation would not substantially deplete or interfere with groundwater supply or quality. This impact would be ***less than significant***.

**Response c.iv), d):** As shown in Figure 9, the western portion of the Project site is located within the 500-year flood zone. The 500-year flood zone by definition indicates an area protected by levees from the 1% annual chance flood.

The risks of flooding hazards on the Project site and immediate surroundings are primarily related to large, infrequent storm events. These risks of flooding are greatest during the rainy season between November and March. Flooding events can result in damage to structures, injury or loss of human and animal life, exposure to waterborne diseases, and damage to infrastructure. In addition, standing floodwater can destroy agricultural crops, undermine infrastructure and structural foundations, and contaminate groundwater.

In 2007, the State of California passed a series of laws referred to as Senate Bill (SB) 5 directing the Department of Water Resources (DWR) to prepare flood maps for the Central Valley flood system and the State Plan of Flood Control, which includes a system of levees and flood control facilities located in the Central Valley. This legislation set specific locations within the area affected by the 200-year flood event as the urban level of flood protection (ULOP) for the Central Valley.

SB5 “requires all cities and counties within the Sacramento-San Joaquin Valley, as defined in California Government Code Sections 65007(h) and (j), to make findings related to an ULOP or national Federal Emergency Management Agency (FEMA) standard of flood protection before: (1) entering into a development agreement for any property that is located within a flood hazard zone; (2) approving a discretionary permit or other discretionary entitlement, or ministerial permit that would result in the construction of a new residence, for a project that is located within a flood hazard zone; or (3) approving a tentative map, or a parcel map for which a tentative map was not required, for any subdivision that is located within a flood hazard zone.” In 2016, the City of Manteca approved a Memorandum of Understanding to pursue 200-year urban level of flood protection to satisfy SB 5.

However, according to FEMA’s Flood Map Service Center (FIRM Panel #06077C0610F), the Project site is located outside of the 100-year floodplain. Additionally, according to the USACE, the Project site is located outside of the 200-year floodplain. Therefore, the release of pollutants due to project inundation is unlikely, either during project construction or operation.

As shown in Figure 10, the Project site is located within a dam inundation area for the New Melones Dam and the San Luis Dam. Dam failure is generally a result of structural instability caused by improper design or construction, instability resulting from seismic shaking, or overtopping and erosion of the dam. Larger dams that are higher than 25 feet or with storage capacities over 50 acre-feet of water are regulated by the California Dam Safety Act, which is implemented by the California Department of Water Resources, Division of Safety of Dams (DSD). The DSD is responsible for inspecting and monitoring these dams. The Act also requires that dam owners submit to the California Office of Emergency Services inundation maps for dams that would cause significant loss of life or personal injury as a result of dam failure. The County Office of Emergency Services is responsible for developing and implementing a Dam Failure Plan that designates evacuation plans, the direction of floodwaters, and provides emergency information.

Regular inspection by DSD and maintenance by the dam owners ensure that the dams are kept in safe operating condition. As such, failure of these dams is considered to have an extremely low probability of occurring and is not considered to be a reasonably foreseeable event.

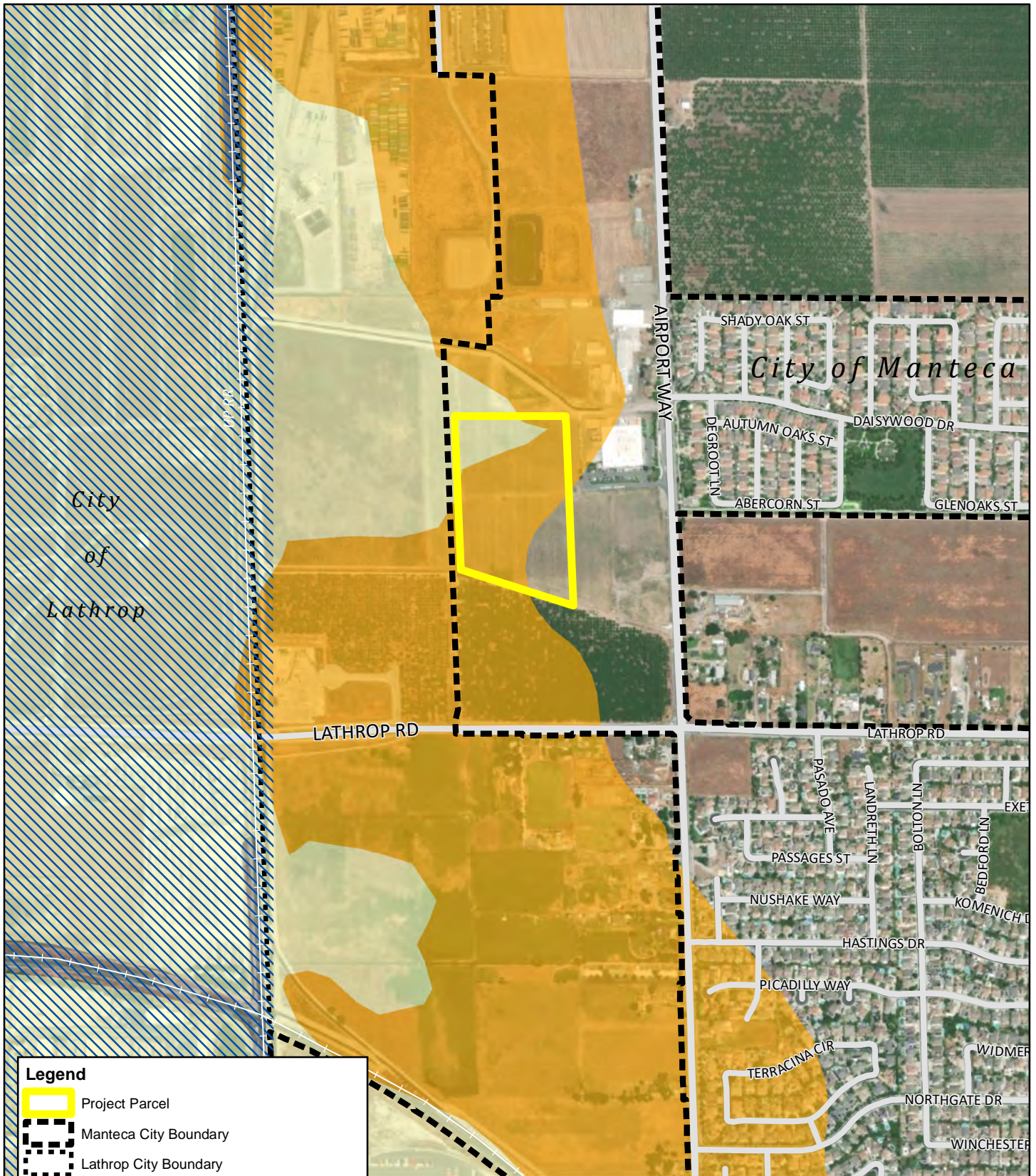
The proposed Project would not expose people or structures to a significant risk of loss, injury or death involving flooding as a result of the failure of a levee or dam.

The Project site is not anticipated to be inundated by a tsunami because it is located at an elevation of approximately 23 feet above sea level and is approximately 60 miles away from the Pacific Ocean which is the closest ocean waterbody.





The Project site is not anticipated to be inundated by a seiche because it is not located in close proximity to a water body capable of creating a seiche.

Implementation of the proposed Project would have a *less than significant* impact relative to the risk of release of pollutants due to project inundation by flood hazards, seiches, and tsunamis, or the potential to alter the course of a stream or river in a manner that would impede or redirect flood flows.




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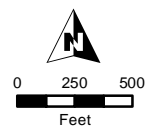


**Legend**

-  Project Parcel
-  Manteca City Boundary
-  Lathrop City Boundary
-  USACE 200-yr Flood Zone

**FEMA Flood Zones**

-  500-yr Flood Zone
-  Area with Reduced Flood Risk due to Levee
-  Area of Minimal Flood Hazard



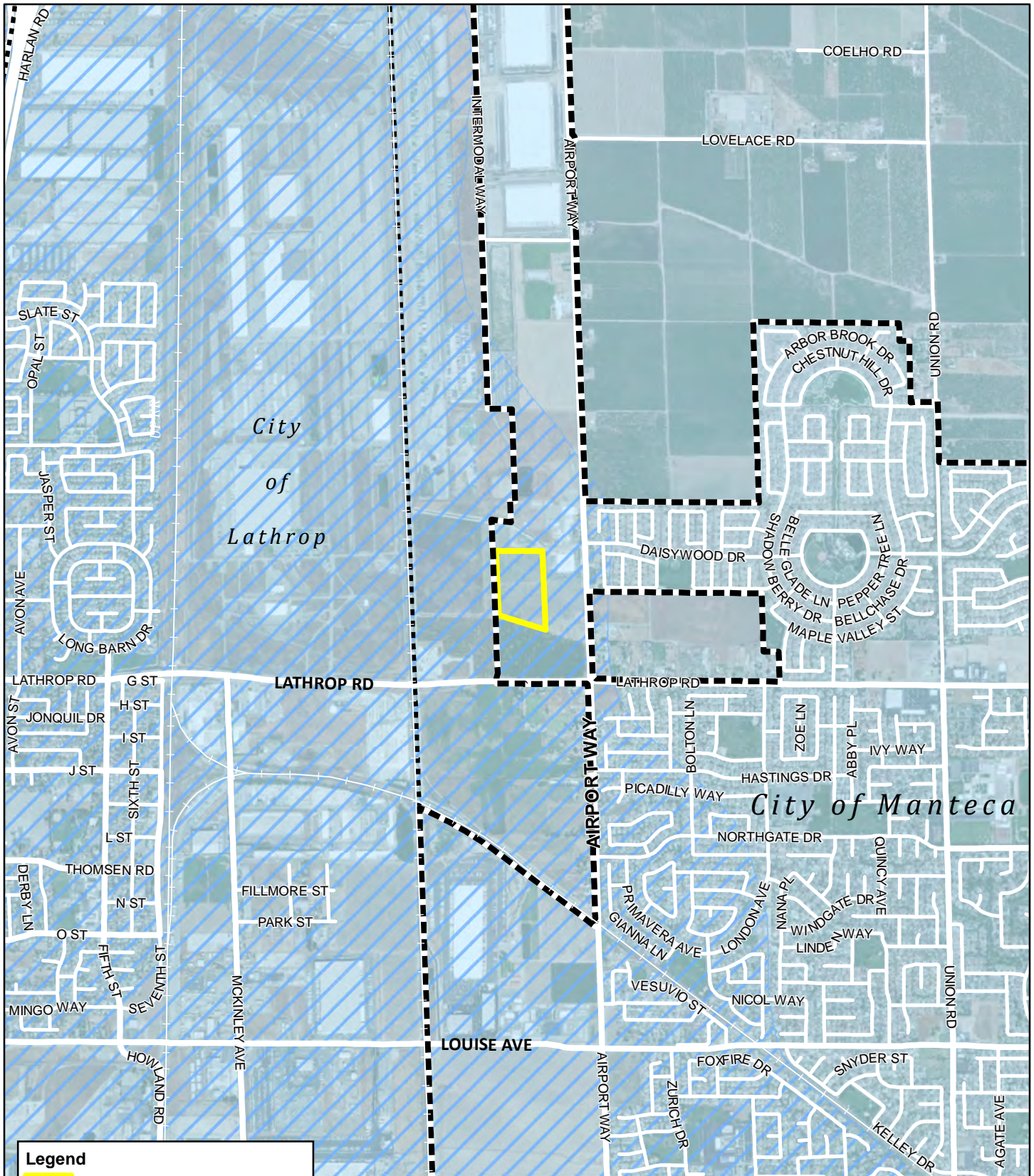
**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

**Figure 9. Flood Map**






Sources: San Joaquin County GIS; FEMA; DWR; ArcGIS Online  
World Imagery Map Service 5/4/2020. Map date: December 17, 2021.


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**Legend**

-  Project Area
-  Manteca City Boundary
-  Lathrop City Boundary
-  San Luis Dam Inundation Area
-  New Melones Dam Inundation Area

  
 0 500 1,000  
 Feet

**GBxMANTECA PROJECT  
MANTECA, CALIFORNIA**

**Figure 10. Dam Inundation Map**

Sources: San Joaquin County GIS; ArcGIS Online World Imagery  
Map Service 5/4/2020. Map date: December 29, 2020.

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**XI. LAND USE AND PLANNING**

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Physically divide an established community?			X	
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?			X	

*Responses to Checklist Questions*

**Response a):** The Project site is located within the Manteca City limits and is adjacent primarily to existing urban and agricultural uses. The proposed Project would not physically divide an established community. Implementation of the proposed Project would have a **less than significant** impact relative to this topic.

**Response b):** The key land use planning documents that are directly related to, or that establish a framework within which the proposed Project must be consistent, include:

- City of Manteca General Plan; and
- City of Manteca Zoning Ordinance.

The Project site is designated as LI by the City's General Plan Land Use Map, and the Project site is zoned MP – Master Plan for the City of Manteca Zoning Map. Under the General Plan Update, the Project site would remain under the same land uses as under the existing General Plan.

According to the City of Manteca 2023 General Plan, the LI designation provides for industrial parks, warehouses, distribution centers, light manufacturing, public and quasi-public uses and similar and compatible uses.

The purpose of the MP - Master Plan Zoning District is to establish a process for the consideration and regulation of areas suitable for proposed comprehensive development with detailed development plans and of those areas that require special planning.

The proposed Project would not require changes to any land use designations, and would be consistent with the existing zoning, and is supportive to the utility demands for each of these uses. In addition, the proposed Project would not conflict with any goals, policies, or implementing actions contained within the General Plan, or within the proposed General Plan Update. Therefore, impacts to land use compatibility would be **less than significant**.

## XII. MINERAL RESOURCES

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?			X	
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?			X	

### *Existing Setting*

The California Geological Survey identifies areas that contain or that could contain significant mineral resources so as to provide context for local agency land use decisions and to protect availability of known mineral resources. Classifications ranging from Mineral Resource Zone (MRZ) -1 to MRZ-4 are based on knowledge of a resource's presence and the quality of the resource. No mineral extraction operations are known to exist in or adjacent to the Project site. The Project site is within MRZ-1, as delineated by the Mineral Resources and Mineral Hazards Mapping Program (MRMHMP) (California Department of Conservation, 2012). MRZ-1 is defined by the MRMHMP as being in areas where adequate information indicates that no significant mineral deposits are present, or where it is judged that little likelihood exists for their presence.

### *Responses to Checklist Questions*

**Responses a), b):** As noted above, the Project site is located within MRZ-1. The proposed Project would not result in the loss of an available known mineral resources nor result in the loss of availability of locally-important mineral resource recovery sites delineated in a local general plan, specific plan, or other land use plan. Additionally, there are no oil and gas extraction wells within or near the property. Therefore, the impact is ***less than significant*** to this environmental topic.

**XIII. NOISE**

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?		X		
b) Generation of excessive groundborne vibration or groundborne noise levels?			X	
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?				X

*Environmental Setting*

**Fundamentals of Acoustics**

Acoustics is the science of sound. Sound may be thought of as mechanical energy of a vibrating object transmitted by pressure waves through a medium to human (or animal) ears. If the pressure variations occur frequently enough (at least 20 times per second), then they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound and is expressed as cycles per second or Hertz (Hz).

Noise is a subjective reaction to different types of sounds. Noise is typically defined as (airborne) sound that is loud, unpleasant, unexpected or undesired, and may therefore be classified as a more specific group of sounds. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a very large and awkward range of numbers. To avoid this, the decibel scale was devised. The decibel scale uses the hearing threshold (20 micropascals), as a point of reference, defined as 0 dB. Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The decibel scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels (dB) correspond closely to human perception of relative loudness.

The perceived loudness of sounds is dependent upon many factors, including sound pressure level and frequency content. However, within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by A-weighted sound levels. There is a strong correlation between A-weighted sound levels (expressed as dBA) and the way the human ear perceives sound. For this reason, the A-weighted sound level has become the standard tool of environmental noise assessment.

The decibel scale is logarithmic, not linear. In other words, two sound levels 10-dB apart differ in acoustic energy by a factor of 10. When the standard logarithmic decibel is A-weighted, an increase of 10-dBA is generally perceived as a doubling in loudness. For example, a 70-dBA sound is half as loud as an 80-dBA sound, and twice as loud as a 60 dBA sound.

Community noise is commonly described in terms of the ambient noise level, which is defined as the all-encompassing noise level associated with a given environment. A common statistical tool is the average, or equivalent, sound level (Leq), which corresponds to a steady-state A weighted sound level containing the same total energy as a time varying signal over a given time period (usually one hour). The Leq is the foundation of the composite noise descriptor, Ldn, and shows very good correlation with community response to noise.

The day/night average level (DNL or Ldn) is based upon the average noise level over a 24-hour day, with a +10-decibel weighing applied to noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours. The nighttime penalty is based upon the assumption that people react to nighttime noise exposures as though they were twice as loud as daytime exposures. Because Ldn represents

Table NOISE-1 lists several examples of the noise levels associated with common situations.

**Table NOISE-1: Typical Noise Levels**

<i>Common Outdoor Activities</i>	<i>Noise Level (dBA)</i>	<i>Common Indoor Activities</i>
	--110--	Rock Band
Jet Fly-over at 300 m (1,000 ft)	--100--	
Gas Lawn Mower at 1 m (3 ft)	--90--	
Diesel Truck at 15 m (50 ft), at 80 km/hr (50 mph)	--80--	Food Blender at 1 m (3 ft) Garbage Disposal at 1 m (3 ft)
Noisy Urban Area, Daytime Gas Lawn Mower, 30 m (100 ft)	--70--	Vacuum Cleaner at 3 m (10 ft)
Commercial Area Heavy Traffic at 90 m (300 ft)	--60--	Normal Speech at 1 m (3 ft)
Quiet Urban Daytime	--50--	Large Business Office
Quiet Urban Nighttime	--40--	Theater, Large Conference Room
Quiet Suburban Nighttime	--30--	Library
Quiet Rural Nighttime	--20--	Bedroom at Night, Concert Hall
	--10--	Broadcast/Recording Studio
Lowest Threshold of Human Hearing	--0--	Lowest Threshold of Human

SOURCE: CALTRANS, TECHNICAL NOISE SUPPLEMENT, TRAFFIC NOISE ANALYSIS PROTOCOL. SEPTEMBER, 2013.

### *Effects of Noise on People*

The effects of noise on people can be placed in three categories:

- Subjective effects of annoyance, nuisance, and dissatisfaction;
- Interference with activities such as speech, sleep, and learning; and
- Physiological effects such as hearing loss or sudden startling.

Environmental noise typically produces effects in the first two categories. Workers in industrial plants can experience noise in the last category. There is no completely satisfactory way to measure the subjective effects of noise or the corresponding reactions of annoyance and dissatisfaction. A wide variation in individual thresholds of annoyance exists and different tolerances to noise tend to develop based on an individual's past experiences with noise.

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise

level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

With regard to increases in A-weighted noise level, the following relationships occur:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived;
- Outside of the laboratory, a 3 dBA change is considered a just-perceivable difference;
- A change in level of at least 5 dBA is required before any noticeable change in human response would be expected; and
- A 10 dBA change is subjectively heard as approximately a doubling in loudness, and can cause an adverse response.

Stationary point sources of noise – including stationary mobile sources such as idling vehicles – attenuate (lessen) at a rate of approximately 6 dBA per doubling of distance from the source, depending on environmental conditions (i.e. atmospheric conditions and either vegetative or manufactured noise barriers, etc.). Widely distributed noises, such as a large industrial facility spread over many acres, or a street with moving vehicles, would typically attenuate at a lower rate.

### *Existing and Future Noise and Vibration Environments*

#### **Existing Noise Receptors**

Some land uses are considered more sensitive to noise than others. Land uses often associated with sensitive receptors generally include residences, schools, libraries, hospitals, and passive recreational areas. Sensitive noise receptors may also include threatened or endangered noise sensitive biological species, although many jurisdictions have not adopted noise standards for wildlife areas. Noise sensitive land uses are typically given special attention in order to achieve protection from excessive noise.

Sensitivity is a function of noise exposure (in terms of both exposure duration and insulation from noise) and the types of activities involved. In the vicinity of the project site, sensitive land uses include existing single-family residential uses located east of the project site.

#### *Existing General Ambient Noise Levels*

The existing ambient noise environment in the project vicinity is primarily defined by traffic on Airport Way. Saxelby Acoustics conducted a continuous noise measurement survey to quantify the existing ambient noise environment at the project site. The noise measurement location is shown on Figure 2 in the Noise Study (Appendix). A summary of the noise level measurement survey results is provided in Table Noise-2. Appendix B in the Noise Study contains the complete results of the noise monitoring.

The sound level meter was programmed to record the maximum, median, and average noise levels at the project site during the survey. The maximum value, denoted  $L_{max}$ , represents the highest noise level measured. The average value, denoted  $L_{eq}$ , represents the energy average of all of the noise received by the sound level meter microphone during the monitoring period. The median value, denoted  $L_{50}$ , represents the sound level exceeded 50 percent of the time during the monitoring period.

A Larson Davis Laboratories (LDL) Model 820 precision integrating sound level meter was used for the ambient noise level measurement survey. The meter was calibrated before and after use with a CAL200 acoustical calibrator to ensure the accuracy of the measurements. The equipment

used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

**Table Noise-2: Summary of Existing Background Noise Measurement Data**

<b>Location</b>	<b>Date</b>	<b>Ldn</b>	<b>Daytime Leq</b>	<b>Daytime L50</b>	<b>Daytime Lmax</b>	<b>Nighttime Leq</b>	<b>Nighttime L50</b>	<b>Nighttime Lmax</b>
LT-1: 100 ft. to CL of Monterey Rd.	4/29/2021	72	69	63	86	64	55	82

Notes:

- All values shown in dBA
- Daytime hours: 7:00 a.m. to 10:00 p.m.
- Nighttime Hours: 10:00 p.m. to 7:00 a.m.

Source: Saxelby Acoustics 2021

### **Evaluation of Project Operational Noise at Residential Receptors**

#### **Loading Dock Noise Generation**

To determine typical noise levels associated with the proposed loading docks, noise level measurement data from a United Natural Foods, Inc. (UNFI) warehouse was used. The noise level measurements were conducted at a distance of 200 feet from the center of the loading dock and circulation area. Activities during the peak hour of loading dock activities included truck arrival/departures, truck idling, truck backing, air brake release, and operation of truck-mounted refrigeration units.

The results of the loading dock noise measurements indicate that a busy hour generated an average noise level of 61 dBA Leq at a distance of 200 feet from the center of the loading dock truck maneuvering lanes. This analysis assumes that the proposed loading docks would operate at this level of activity in a busy hour during either daytime (7:00 a.m. to 10:00 p.m.) or nighttime (10:00 p.m. to 7:00 a.m.).

#### **Truck Shop**

To determine typical noise levels associated with the Truck Shop on the project site, noise level measurement data from a Sacramento Unified School District bus repair facility was utilized. The noise level measurements were conducted at a distance of 120 feet from the repair shop entrance. Primary noise generation emanated from pneumatic tools.

The results of the bus repair shop noise measurements indicate that a busy hour generated an average noise level of 61 dBA Leq and 76 dBA Lmax at a distance of 120 feet from the bay of the bus repair shop. This analysis conservatively assumes that the Truck Shop could operate at this level of activity in a busy hour.

#### **Parking Lot Circulation**

Based upon the project traffic study, the peak hour trips for the project would be 60 passenger vehicles and 11 tractor-trailers. Based upon noise measurements conducted of vehicle movements in parking lots, the sound exposure level (SEL) for a single passenger vehicle is 71 dBA at a distance of 50 feet while the SEL of a tractor-trailer is 85 dBA at the same distance.

Saxelby Acoustics used the SoundPLAN noise model to calculate noise levels at the nearest sensitive receptors. Input data included the loading dock, truck shop, and parking lot noise



generation, as discussed above. The results of this analysis are displayed graphically in Figure 3 in the Noise Study in terms of the nighttime (10:00 p.m. to 7:00 a.m.) average (Leq) value. Daytime (7:00 a.m. to 10:00 p.m.) operations would occur at the same level as nighttime operations. Maximum values are expected to be no more than 20 dBA higher than average (Leq) values.

#### *Construction Noise Environment*

During the construction of the proposed project noise from construction activities would temporarily add to the noise environment in the project vicinity. As shown in Table Noise-3, activities involved in construction would generate maximum noise levels ranging from 76 to 90 dB at a distance of 50 feet.

**Table Noise-3: Construction Equipment Noise**

<b>Type of Equipment</b>	<b>Maximum Level, dBA at 50 feet</b>
Auger Drill Rig	84
Backhoe	78
Compactor	83
Compressor (air)	78
Concrete Saw	90
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Jackhammer	89
Pneumatic Tools	85

Source: Roadway Construction Noise Model User's Guide. Federal Highway Administration. FHWA-HEP-05-054. January 2006.

#### *Construction Vibration Environment*

The primary vibration-generating activities associated with the proposed project would occur during construction when activities such as grading, utilities placement, and parking lot construction occur. Table Noise-4 shows the typical vibration levels produced by construction equipment.

**Table Noise-4: Vibration Levels for Various Construction Equipment**

<b>Type of Equipment</b>	<b>Peak Particle Velocity at 25 feet (inches/second)</b>	<b>Peak Particle Velocity at 50 feet (inches/second)</b>	<b>Peak Particle Velocity at 100 feet (inches/second)</b>
Large Bulldozer	0.089	0.031	0.011
Loaded Trucks	0.076	0.027	0.010
Small Bulldozer	0.003	0.001	0.000
Auger/drill Rigs	0.089	0.031	0.011
Jackhammer	0.035	0.012	0.004
Vibratory Hammer	0.070	0.025	0.009
Vibratory Compactor/roller	0.210 (Less than 0.20 at 26 feet)	0.074	0.026

Source: *Transit Noise and Vibration Impact Assessment Guidelines*. Federal Transit Administration. May 2006.

### *Regulatory Setting – Manteca General Plan*

#### **Federal**

There are no federal regulations related to noise that apply to the Proposed Project.

#### **State**

There are no state regulations related to noise that apply to the Proposed Project.

#### **Local**

#### **City of Manteca General Plan**

Exterior and interior noise standards for residential land uses are established within the City of Manteca General Plan Noise Element. Policies contained in the Noise Element applicable to the proposed project include:

#### **The City of Manteca General Plan – Existing (2003) General Plan**

The City of Manteca General Plan Noise Element contains goals, policies, and implementation measures for assessing noise impacts within the City. Listed below are the noise goals, policies, and implementation measures that are applicable to the proposed Project (City of Manteca as amended through 2016):

#### Goals: Noise

- N-1. Protect the residents of Manteca from the harmful and annoying effects of exposure to excessive noise.
- N-3. Ensure that the downtown core noise levels remain acceptable and compatible with commercial and higher density residential land uses.
- N-4. Protect public health and welfare by eliminating existing noise problems where feasible, by establishing standards for acceptable indoor and outdoor noise, and by preventing significant increases in noise levels.
- N-5. Incorporate noise considerations into land use planning decisions, and guide the location and design of transportation facilities to minimize the effects of noise on adjacent land uses.

#### Policies: Noise

- N-P-2. New development of residential or other noise-sensitive land uses will not be permitted in noise-impacted areas unless effective mitigation measures are incorporated into the project design to satisfy the performance standards in Table 9-1.

**Table Noise-5: Maximum Allowable Noise Exposure Mobile Noise Sources**

<i>Land Use<sup>4</sup></i>	<i>Outdoor Activity Areas<sup>1</sup></i>	<i>Interior Spaces</i>	
		<i>Ldn/CNEL, dB</i>	<i>Leq/CNEL, dB<sup>3</sup></i>
Residential	60 <sup>2</sup>	45	--

Land Use <sup>4</sup>	Outdoor Activity Areas <sup>1</sup>	Interior Spaces	
		Ldn/CNEL, dB	Leq/CNEL, dB <sup>3</sup>
Transient Lodging	60 <sup>2</sup>	45	--
Hospitals, Nursing Homes	60 <sup>2</sup>	45	--
Theatres, Auditoriums, Music Halls	--	--	35
Churches, Music Halls	60 <sup>2</sup>	--	40
Office Buildings	65	--	45
Schools, Libraries, Museums	--	--	45
Playgrounds, Neighborhood Parks	70	--	--

Notes: <sup>1</sup> Outdoor activity areas for residential development are considered to be backyard patios or decks of single family dwellings, and the common areas where people generally congregate for multi-family developments. Outdoor activity areas for non-residential developments are considered to be those common areas where people generally congregate, including pedestrian plazas, seating areas, and outside lunch facilities. Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.

<sup>2</sup> In areas where it is not possible to reduce exterior noise levels to 60 dB L<sub>dn</sub> or below using a practical application of the best noise-reduction technology, an exterior noise level of up to 65 L<sub>dn</sub> will be allowed.

<sup>3</sup> Determined for a typical worst-case hour during periods of use.

<sup>4</sup> Where a proposed use is not specifically listed on the table, the use shall comply with the noise exposure standards for the nearest similar use as determined by the City.

Source: City of Manteca General Plan, Noise Element, Table 9-1.

- N-P-3. The City may permit the development of new noise-sensitive uses only where the noise level due to fixed (non-transportation) noise sources satisfies the noise level standards of Table 9-2. Noise mitigation may be required to meet Table 9-2 performance standards.

**Table Noise-6: Performance Standards for Stationary Noise Sources or Projects Affected by Stationary Noise Sources<sup>1,2</sup>**

Noise Level Descriptor	Daytime (7 AM - 10 PM)	Nighttime (10 PM - 7 AM)
Hourly Leq, dB	50	45
Maximum Level, dB	70	65

Notes: <sup>1</sup> Each of the noise levels specified above should be lowered by five (5) dB for simple noise tones, noises consisting primarily of speech or music, or recurring impulsive noises. Such noises are generally considered by residents to be particularly annoying and are a primary source of noise complaints.

<sup>2</sup> No standards have been included for interior noise levels. Standard construction practices should, with the exterior noise levels identified, result in acceptable interior noise levels.

Source: City of Manteca General Plan, Noise Element, Table 9-2.

- N-P-5. In accord with the Table 9-2 standards, the City shall regulate construction-related noise impacts on adjacent uses.

### Implementation Measures: Noise

- N-I-1. New development in residential areas with an actual or projected exterior noise level of greater than 60 dB Ldn will be conditioned to use mitigation measures to reduce exterior noise levels to less than or equal to 60 dB Ldn.
- N-I-3. In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are increased by 10 dB or more. An increase from 5-10 dB may be substantial. Factors to be considered in determining the significance of increases from 5-10 dB include:
  - the resulting noise levels
  - the duration and frequency of the noise
  - the number of people affected
  - the land use designation of the affected receptor sites
  - public reactions or controversy as demonstrated at workshops or hearings, or by correspondence
  - prior CEQA determinations by other agencies specific to the project
- N-I-4. Control noise at the source through use of insulation, berms, building design and orientation, buffer space, staggered operating hours and other techniques. Use noise barriers to attenuate noise to acceptable levels.

### **The City of Manteca General Plan – Proposed General Plan Update**

It is expected that the City's General Plan update may be adopted prior to the approval of the 320 Airport Way project. Therefore, the goals and policies of the proposed General Plan are also considered in this document. The City of Manteca General Plan Update noise goals, policies, and implementation measures are included below:

#### Goals

- Goal S-5: Protect the quality of life by protecting the community from harmful and excessive noise.

#### Policies

- S-5.1 Incorporate noise considerations into land use, transportation, and infrastructure planning decisions, and guide the location and design of noise-producing uses to minimize the effects of noise on adjacent noise-sensitive land uses, including residential uses and schools.
- S-5.2 Ensure that Downtown noise levels remain acceptable and compatible with a pedestrian-oriented environment and higher density residential land uses.
- S-5.3 Areas within Manteca exposed to existing or projected exterior noise levels from mobile noise sources exceeding the performance standards in Table S-1 shall be designated as noise-impacted areas.
- S-5.4 Require residential and other noise-sensitive development projects to satisfy the noise level criteria in Tables S-1 and S-2.

- S-5.5 Require new stationary noise sources proposed adjacent to noise sensitive uses to be mitigated so as to not exceed the noise level performance standards in Table S-2, or a substantial increase in noise levels established through a detailed ambient noise survey.
- S-5.6 Regulate construction-related noise to reduce impacts on adjacent uses to the criteria identified in Table S-2 or, if the criteria in Table S-2 cannot be met, to the maximum level feasible using best management practices and complying with the MMC Chapter 9.52.
- S-5.7 Where the development of residential or other noise-sensitive land use is proposed for a noise-impacted area or where the development of a stationary noise source is proposed in the vicinity of noise-sensitive uses, an acoustical analysis is required as part of the environmental review process so that noise mitigation may be considered in the project design. The acoustical analysis shall:
  - Be the responsibility of the applicant.
  - Be prepared by a qualified acoustical consultant experienced in the fields of environmental noise assessment and architectural acoustics.
  - Include representative noise level measurements with sufficient sampling periods and locations to adequately describe local conditions and the predominant noise sources.
  - Estimate existing and projected (20 years) noise levels in terms of the standards of Table S-1 or Table S-2, and compare those levels to the adopted policies of the Noise Element.
  - Recommend appropriate mitigation measures to achieve compliance with the adopted policies and standards of the Noise Element.
  - Estimate noise exposure after the prescribed mitigation measures have been implemented.
  - If necessary, describe a post-project assessment program to monitor the effectiveness of the proposed mitigation measures.
- S-5.8 Apply noise level criteria applied to land uses other than residential or other noise-sensitive uses consistent with noise performance levels of Table S-1 and Table S-2.
- S-5.9 Enforce the Sound Transmission Control Standards of the California Building Code concerning the construction of new multiple occupancy dwellings such as hotels, apartments, and condominiums.
- S-5.10 Ensure that new equipment and vehicles purchased by the City comply with noise level performance standards consistent with the best available noise reduction technology.
- S-5.11 Require the Manteca Police Department to actively enforce requirements of the California Vehicle Code relating to vehicle mufflers and modified exhaust systems.
- S-5.12 For new residential development backing on to a freeway or railroad right-of-way, the developer shall be required to provide appropriate mitigation measures to satisfy the performance standards in Table S-1.
- S-5.13 It is recognized that the City and surrounding areas are considered to be urban in nature and rely upon both the industrial and agricultural economy of the area. Therefore, it is recognized that noise sources of existing uses may exceed generally accepted standards.

- S-5.14 Carefully review and give potentially affected residents an opportunity to fully review any proposals for the establishment of helipads or heliports.
- S-5.15 Recognizing that existing noise-sensitive uses may be exposed to increase noise levels due to circulation improvement projects associated with development under the General Plan and that it may not be feasible to reduce increased traffic noise levels to the criteria identified in Table S-1, the following criteria may be used to determine the significance of noise impacts associated with circulation improvement projects:
  - Where existing traffic noise levels are less than 60 dB Ldn at the outdoor activity areas of noise-sensitive uses, a +5 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant; and
  - Where existing traffic noise levels range between 60 and 65 dB Ldn at the outdoor activity areas of noise-sensitive uses, a +3 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant; and
  - Where existing traffic noise levels are greater than 65 dB Ldn at the outdoor activity areas of noise-sensitive uses, a + 1.5 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant.
- S-5.16 Work with the Federal Railroad Administration and passenger and freight rail operators to reduce exposure to rail and train noise, including establishing train horn “quiet zones” consistent with the federal regulations.

### Implementation

- S-5a Require an acoustical analysis that complies with the requirements of S-5.7 where:
  - Noise sensitive land uses are proposed in areas exposed to existing or projected noise levels exceeding the levels specified in Table S-1 or S-2.
  - Proposed transportation projects are likely to produce noise levels exceeding the levels specified in Table S-1 or S-2 at existing or planned noise sensitive uses.
- S-5b Assist in enforcing compliance with noise emissions standards for all types of vehicles, established by the California Vehicle Code and by federal regulations, through coordination with the Manteca Police Department and the California Highway Patrol.
- S-5c Update the City’s Noise Ordinance (Chapter 9.52) to reflect the noise standards established in this Noise Element and proactively enforce the City’s Noise Ordinance, including requiring the following measures for construction:
  - Restrict construction activities to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturdays. No construction shall be permitted outside of these hours or on Sundays or federal holidays, without a specific exemption issued by the City.
  - A Construction Noise Management Plan shall be submitted by the applicant for construction projects, when determined necessary by the City. The Construction Noise Management Plan shall include proper posting of construction schedules, appointment of a noise disturbance coordinator, and methods for assisting in noise reduction measures.

- Noise reduction measures may include, but are not limited to, the following:
  - a. Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically attenuating shields or shrouds) wherever feasible.
  - b. Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. This muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available. This could achieve a reduction of 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures.
  - c. Temporary power poles shall be used instead of generators where feasible.
  - d. Stationary noise sources shall be located as far from adjacent properties as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City of provide equivalent noise reduction.
  - e. The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.
  - f. Delivery of materials shall observe the hours of operation described above.
  - g. Truck traffic should avoid residential areas to the extent possible.
- S-5d In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are have a substantial increase. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:
  - When existing noise levels are less than 60 dB, a 5 dB increase in noise will be considered substantial;
  - When existing noise levels are between 60 dB and 65 dB, a 3 dB increase in noise will be considered substantial;
  - When existing noise levels exceed 65 dB, a 1.5 dB increase in noise will be considered substantial.

*Additional or alternative criteria can be used for determining a substantial increase in noise levels. For instance, if the overall increase in noise levels occurs where no noise-sensitive uses are located, then the City may use their discretion in determining if there is any impact at all. In such a case, the following alternative factors may be used for determining a*

*substantial increase in noise levels:*

- the resulting noise levels;
  - the duration and frequency of the noise;
  - the number of people affected;
  - conforming or non-conforming land uses;
  - the land use designation of the affected receptor sites;
  - public reactions or controversy as demonstrated at workshops or hearings, or by correspondence; and
  - prior CEQA determinations by other agencies specific to the project.
- S-5e Control noise at the source through use of insulation, berms, building design and orientation, buffer space, staggered operating hours, and similar techniques. Where such techniques would not meet acceptable levels, use noise barriers to attenuate noise associated with new noise sources to acceptable levels.
  - S-5f Require that all noise-attenuating features are designed to be attractive and to minimize maintenance.
  - S-5g Evaluate new transportation projects, such as truck routes, rail or public transit routes, and transit stations, using the standards contained in Table S-1. However, noise from these projects may be allowed to exceed the standards contained in Table S-1, if the City Council finds that there are special overriding circumstances.
  - S-5h Work with the Federal Rail Authority and passenger and freight rail service providers to establish a Quiet Zone at at-grade crossings in the City. Where new development would be affected by the train and rail noise, require project applicants to fund a fair-share of: a) studies associated with the application for a Quiet Zone, and b) alternative safety measures associated with the Quiet Zone (including, but not limited to signage, gates, lights, etc.).
  - S-5i Work in cooperation with Caltrans, the Union Pacific Railroad, San Joaquin Regional Rail Commission, and other agencies where appropriate to maintain noise level standards for both new and existing projects in compliance with Table S-1.
  - S-5j The City shall require new residential projects located adjacent to major freeways, truck routes, hard rail lines, or light rail lines to follow the FTA screening distance criteria to ensure that groundborne vibrations to do not exceed acceptable levels.



**Table Noise-7: Maximum Allowable Noise Exposure From Mobile Noise Sources**

Land Use <sup>1</sup>	Outdoor Activity Areas <sup>2,3</sup>	Interior Spaces	
		Ldn/ CNEL, dBA	Leq, dBA <sup>4</sup>
Residential	60	45	-
Motels/Hotels	65	45	-
Mixed-Use	65	45	-
Hospitals, Nursing Homes	60	45	-
Theaters, Auditoriums	-	-	35
Churches	60	-	40
Office Buildings	65	-	45
Schools, Libraries, Museums	70	-	45
Playgrounds, Neighborhood Parks	70	-	-
Industrial	75	-	45
Golf Courses, Water Recreation	70	-	-

<sup>1</sup>Where a proposed use is not specifically listed, the use shall comply with the standards for the most similar use as determined by the City.

<sup>2</sup>Outdoor activity areas for residential development are considered to be the back yard patios or decks of single family units and the common areas where people generally congregate for multi-family developments. Where common outdoor activity areas for multi-family developments comply with the outdoor noise level standard, the standard will not be applied at patios or decks of individual units provided noise-reducing measures are incorporated (e.g., orientation of patio/deck, screening of patio with masonry or other noise-attenuating material). Outdoor activity areas for non-residential developments are the common areas where people generally congregate, including pedestrian plazas, seating areas, and outside lunch facilities; not all residential developments include outdoor activity areas.

<sup>3</sup>In areas where it is not possible to reduce exterior noise levels to achieve the outdoor activity area standard w using a practical application of the best noise-reduction technology, an increase of up to 5 Ldn over the standard will be allowed provided that available exterior noise reduction measures have been implemented and interior noise levels are in compliance with this table

<sup>4</sup>Determined for a typical worst-case hour during periods of use.

**Table Noise-8: Performance Standards for Stationary Noise Sources**

Noise Level Descriptor	Daytime	Nighttime
	7 am to 10 pm	10 pm to 7 am
Hourly Leq, dBA	a. 55	b. 45

<sup>1</sup>Each of the noise levels specified above should be lowered by 5 dB for simple noise tones, noises consisting primarily of speech or music, or recurring impulsive noises. Such noises are generally considered to be particularly annoying and are a primary source of noise complaints.

<sup>2</sup>No standards have been included for interior noise levels. Standard construction practices should, with the exterior noise levels identified, result in acceptable interior noise levels.

<sup>3</sup>Stationary noise sources which are typically of concern include, but are not limited to, the following:

- |                      |                                       |
|----------------------|---------------------------------------|
| HVAC Systems         | Cooling Towers/Evaporative Condensers |
| Pump Stations        | Lift Stations                         |
| Emergency Generators | Boilers                               |
| Steam Valves         | Steam Turbines                        |
| Generators           | Fans                                  |
| Air Compressors      | Heavy Equipment                       |
| Conveyor Systems     | Transformers                          |
| Pile Drivers         | Grinders                              |
| Drill Rigs           | Gas or Diesel Motors                  |
| Welders              | Cutting Equipment                     |
| Outdoor Speakers     | Blowers                               |

<sup>4</sup>The types of uses which may typically produce the noise sources described above include but are not limited to: industrial facilities, pump stations, trucking operations, tire shops, auto maintenance shops, metal fabricating shops, shopping centers, drive-up windows, car washes, loading docks, public works projects, batch plants, bottling and canning plants, recycling centers, electric generating stations, race tracks, landfills, sand and gravel operations, and athletic fields.

## City of Manteca Municipal Code Noise Ordinance

Section 9.52.030 of the City of Manteca Municipal Code prohibits excessive or annoying noise or vibration to residential and commercial properties in the City. The following general rules are outline in the ordinance:

### 9.52.030 Prohibited noises—General standard

No person shall make, or cause to suffer, or permit to be made upon any public property, public right-of-way or private property, any unnecessary and unreasonable noises, sounds or vibrations which are physically annoying to reasonable persons of ordinary sensitivity or which are so harsh or so prolonged or unnatural or unusual in their use, time or place as to cause or contribute to the unnecessary and unreasonable discomfort of any persons within the neighborhood from which said noises emanate or which interfere with the peace and comfort of residents or their guests, or the operators or customers in places of business in the vicinity, or which may detrimentally or adversely affect such residences or places of business. (Ord. 1374 § 1(part), 2007)

### 17.58.050 D. Exempt Activities

8. Construction activities when conducted as part of an approved Building Permit, except as prohibited in Subsection 17.58.050(E)(1) (Prohibited Activities) below.

### 17.58.050 E. Prohibited Activities

1. Construction Noise. Operating or causing the operation of tools or equipment on private property used in alteration, construction, demolition, drilling, or repair work daily between the hours of 7:00 p.m. and 7:00 a.m., so that the sound creates a noise disturbance across a residential property line, except for emergency work of public service utilities.

## *Impacts and Mitigation Measures*

### **Thresholds of Significance**

Consistent with Appendix G of the CEQA Guidelines, the Project will have a significant impact related to noise if it will result in:

Would the Project:

- a. Generate 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. Generate 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?

### *Determination of a Significant Increase in Noise Levels*

#### **Existing (2003) General Plan Policies**

The CEQA guidelines define a significant impact of a Project if it “increases substantially the ambient noise levels for adjoining areas”. Implementation Measure N-I-3 of the City of Manteca General Plan Noise Element provides specific guidance for assessing increases in ambient noise, as follows:

*In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are increased by 10 dB or more. An increase from 5-10 dB may be substantial. Factors to be considered in determining the significance of increases from 5-10 dB include:*

- *the resulting noise levels*
- *the duration and frequency of the noise*
- *the number of people affected*
- *the land use designation of the affected receptor sites*
- *public reactions/controversy as demonstrated at workshops/hearings, or by correspondence*
- *prior CEQA determinations by other agencies specific to the Project*

#### **Proposed General Plan Policies**

Under the City’s proposed General Plan Update, the following policy S-5d will apply when evaluating substantial noise increases:

In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels increase substantially. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:

- When existing noise levels are less than 60 dB, a 5 dB increase in noise will be considered substantial;
- When existing noise levels are between 60 dB and 65 dB, a 3 dB increase in noise will be considered substantial;
- When existing noise levels exceed 65 dB, a 1.5 dB increase in noise will be considered substantial.

Additional or alternative criteria can be used for determining a substantial increase in noise levels. For instance, if the overall increase in noise levels occurs where no noise-sensitive uses are located, then the City may use their discretion in determining if there is any impact at all. In such a case, the following alternative factors may be used for determining a substantial increase in noise levels:

- the resulting noise levels;
- the duration and frequency of the noise;
- the number of people affected;
- conforming or non-conforming land uses;

- the land use designation of the affected receptor sites;
- public reactions or controversy as demonstrated at workshops or hearings, or by correspondence; and
- prior CEQA determinations by other agencies specific to the Project.

### *Responses to Checklist Questions*

**Response a):** Would the project generate 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?

### **Operational Noise at Sensitive Receptors**

As shown on Figure 3 in the Noise Study, the proposed project is predicted to generate noise levels of up to 24 dBA Leq at the nearest sensitive receptors. These noise levels comply with the City of Manteca nighttime (10:00 p.m. to 7:00 a.m.) noise levels standard of 45 dBA Leq.

It should be noted that maximum noise levels generated by the loading docks, truck shop, and on-site vehicle circulation are predicted to be 20 dBA, or less, than the average (Leq) values. The City of Manteca's maximum (Lmax) nighttime noise level standard is 65 dBA Lmax, which is 20 dBA higher than the Leq standard. Therefore, where average noise levels are in compliance with the Leq standards, maximum noise levels will also meet the City's standards. Based upon the predicted average noise levels of 24 dBA, the maximum noise levels will be 44 dBA and comply with the City maximum standards.

Therefore, impacts resulting from operations noise would be required *less-than-significant* and do not require mitigation.

### **Construction Noise**

During the construction of the Project, including roads, water, sewer lines, and related infrastructure, noise from construction activities would add to the noise environment in the Project vicinity. Existing receptors adjacent to the proposed construction activities are located north, southwest, and east of the site.

As indicated in Table Noise-3, activities involved in construction would generate maximum noise levels ranging from 82 to 96 dB Lmax at a distance of 50 feet. Noise would also be generated during the construction phase by increased truck traffic on area roadways. A significant Project-generated noise source would be truck traffic associated with transport of heavy materials and equipment to and from construction sites. This noise increase would be of short duration and would likely occur primarily during daytime hours.

Construction activities would be temporary in nature and are exempt from noise regulation during the hours of 7:00 AM to 7:00 PM, as outlined in the City's Municipal Code:

### **17.58.050 D. Exempt Activities**

8. Construction activities when conducted as part of an approved Building Permit, except as prohibited in Subsection 17.58.050(E)(1) (Prohibited Activities) below.

### **17.58.050 E. Prohibited Activities**

1. Construction Noise. Operating or causing the operation of tools or equipment on private property used in alteration, construction, demolition, drilling, or repair work daily between the hours of 7:00 p.m. and 7:00 a.m., so that the sound creates a noise disturbance across a residential property line, except for emergency work of public service utilities.

Therefore, with implementation of Mitigation Measures 1(a) and 1(b), temporary construction noise impacts would be reduced to *less than significant*.

*Mitigation Measures*

**Mitigation Measure NOI-1(a):** *Construction activities shall adhere to the requirements of the City of Manteca Municipal Code with respect to hours of operation. This requirement shall be noted in the improvements plans prior to approval by the City's Public Works Department.*

**Mitigation Measure NOI-2(b):** *All equipment shall be fitted with factory equipped mufflers, and in good working order. This requirement shall be noted in the improvements plans prior to approval by the City's Public Works Department.*

**Response b):** Construction vibration impacts include human annoyance and building structural damage. Human annoyance occurs when construction vibration rises significantly above the threshold of perception. Building damage can take the form of cosmetic or structural.

The Table Noise-4 data indicate that construction vibration levels anticipated for the project are less than the 0.2 in/sec threshold at distances of 26 feet. Sensitive receptors which could be impacted by construction related vibrations, especially vibratory compactors/rollers, are located approximately 26 feet, or further, from typical construction activities. At these distances construction vibrations are not predicted to exceed acceptable levels. Additionally, construction activities would be temporary in nature and would likely occur during normal daytime working hours. This is a *less-than-significant* impact and no mitigation is required.

**Response c):** There are no airports in the project vicinity. Therefore, this impact is not applicable to the proposed project. Implementation of the proposed Project would have no impact relative to this topic.

#### XIV. POPULATION AND HOUSING

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

##### *Responses to Checklist Questions*

**Response a):** The proposed Project would not include upsizing of offsite infrastructure or roadways. The installation of new infrastructure would be limited to the internal Project site. The sizing of the infrastructure would be specific to the size of the building and the number and type of vehicles that would travel to and from the Project site. Implementation of the proposed Project would not induce substantial population growth in an area, either directly or indirectly.

The proposed Project is estimated to generate approximately 280 employees. Not all employees would live and work in the City of Manteca. Employees are projected to live in several communities in the San Joaquin County, including Manteca, Lathrop, Ripon, Stockton and other unincorporated areas of San Joaquin County. It is not anticipated that people would commute to this job from areas outside the region.

The land uses for the Project site have been established for over a decade. SJCOG develops their projections based on long range planning documents from the communities that they serve. For instance, the growth projections that SJCOG establishes for Manteca are derived from the City of Manteca General Plan, Master Plans, etc. The proposed Project is part of the Northwest Airport Master Plan, which is known by SJCOG and is assumed within their growth projections.

Although the proposed Project would create new jobs, which could create some population growth, it is anticipated that such new jobs would be for the existing labor force within Manteca and the surrounding communities. Therefore, implementation of the proposed Project would have **no impact** relative to this topic.

**Response b):** The Project site is currently vacant and does not contain housing. The proposed Project would not displace housing or people. Implementation of the proposed Project would have **no impact** relative to this topic.

**XV. PUBLIC SERVICES**

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?		X		
Police protection?			X	
Schools?			X	
Parks?			X	
Other public facilities?				X

*Responses to Checklist Questions*

**Response a):**

**Fire Protection**

The Project site is currently under the jurisdiction of the Manteca Fire Department. The Manteca Fire Department serves approximately 71,164 residents throughout approximately 17.2 square miles within the City limits. The Manteca Fire Department operates out of four (4) facilities that are strategically located in the City of Manteca. The nearest fire station to the Project site is Manteca Fire Station #4 located at 1465 Lathrop Road, approximately 1.0 miles southeast of the Project site.

The Manteca Fire Department maintains a goal for the initial company of three (3) firefighters to arrive on scene for fire and emergency medical service (EMS) incidents within five (5) minutes 90% of the time (Response Effectiveness). In 2016, the Department averaged a response time for Code 3 emergencies such as fires, medical calls or auto accidents at 4:20 minutes City-wide. The Department is currently meeting the Response Effectiveness goal. The City’s currently ISO PPC is rated Class 2 on a scale of 1 to 10, with Class 1 being the highest possible protection rating and Class 10 being the lowest, which is better than most of the jurisdictions in San Joaquin and Stanislaus County.

The City of Manteca receives funds for the provision of public services through development fees, property taxes, and connection and usage fees. As land is developed within the City and annexed into the City of Manteca, these fees apply. The City of Manteca reviews these fee structures on an annual basis to ensure that they provide adequate financing to cover the provision of city services. The City’s Community Development, Public Works, and Finance Departments are responsible for continual oversight to ensure that the fee structures are adequate. The City reviews the referenced fees and user charges on an annual basis to determine the correct level of adjustment required to reverse any deficits and assure funding for needed infrastructure going forward. The City includes discussion of these fees and charges as part of the annual budget hearings.

The City of Manteca General Plan 2023 includes policies and implementation measures that would allow for the Department to continue providing adequate facilities and staffing levels. Below is a list of relevant policies:

- The City shall endeavor to maintain an overall fire insurance (ISO) rating of 4 or better (Policy PF-P-42).
- The City shall endeavor through adequate staffing and station locations to maintain the minimum feasible response time for fire and emergency calls (PF-P-43).
- The City shall provide fire services to serve the existing and projected population (PF-P-44).
- The City will establish the criteria for determining the circumstances under which fire service will be enhanced (PF-P-45).
- The Fire Department shall continuously monitor response times and report annually on the results of the monitoring (PF-I-24).
- The City shall encourage a pattern of development that promotes the efficient and timely development of public services and facilities (LU-P-3).

Impact fees from new development are collected based upon projected impacts from each development. The adequacy of impact fees is reviewed on an annual basis to ensure that the fee is commensurate with the service. Payment of applicable impact fees by new development, and ongoing revenues that would come from property taxes, sales taxes, and other revenues generated by the proposed Project, would fund capital and labor costs associated with fire protection services. Payment of such fees is adequate to ensure that the proposed Project would not result in any CEQA impacts related to this topic, including the potential for the proposed Project to cause substantial adverse physical impact associated with the provision of new or physically alternated governmental services, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts. Therefore, with implementation of Mitigation Measure PSU-1, the impact of the proposed Project on the need for additional fire services facilities is ***less than significant***.

#### *Mitigation Adopted by the City*

***Mitigation Measure PSU-1:*** *Prior to issuance of building permits for any project uses, the Project applicant shall provide the City of Manteca will all applicable fire protection development fees in accordance with the latest adopted fee schedule.*

#### **Police Protection**

The Project site is currently under the jurisdiction of the Manteca Police Department. In 2019, the MPD had 74 sworn officers. The Manteca Police Department operates out of its headquarters located at 1001 W. Center Street. The Project site is located approximately 2.75 miles northwest of the headquarters.

The Manteca Police Department is organized into two divisions: Operations and Services. Additionally, the Police Department operates a Public Affairs Unit. For budgeting purposes, the Police Department is organized into the following programs: administration, patrol, investigations, support services, dispatch, code enforcement, jail services, and animal services.



Response times are an important benchmark of police service. Response times can vary greatly depending on the size of the city and department, geographical location, and levels of crime. Smaller cities usually have faster response times, due simply to the geography.

The City of Manteca receives funds for the provision of public services through development fees, property taxes, and connection and usage fees. As land is developed within the City and annexed into the City of Manteca, these fees apply. The City of Manteca reviews these fee structures on an annual basis to ensure that they provide adequate financing to cover the provision of city services. The City's Community Development, Public Works, and Finance Departments are responsible for continual oversight to ensure that the fee structures are adequate. The City reviews the referenced fees and user charges on an annual basis to determine the correct level of adjustment required to reverse any deficits and assure funding for needed infrastructure going forward. The City includes discussion of these fees and charges as part of the annual budget hearings.

The Police Department had previously requested that the projects developed in the Master Plan area implement Crime Prevention Through Environmental Design practices, as well as other techniques intended to deter and prevent criminal activity. This request will be incorporated into the Conditions of Approval for the Master Plan uses. Furthermore, as part of the City of Manteca's standard design review process, the Police Department will have the opportunity to review and comment on the site plans of each the Master Plan uses (including the proposed Project), including the application of criminal activity deterrence and prevention practices and techniques.

The City's General Plan includes policies and implementation measures that would allow for the Manteca Police Department to continue providing adequate staffing levels. Below is a list of relevant policies:

- The City shall endeavor through adequate staffing and patrol arrangements to maintain the minimum feasible police response times for police calls. As of 2019, the City had 74 sworn officers. With a population of 84,800 (as of 2020), that equates to a staffing level of .87 officers per 1000 residents.
- The City shall provide police services to serve the existing and projected population. The Police Department will continuously monitor response times and report annually on the results of the monitoring.

Impact fees from new development are collected based upon projected impacts from each applicable development. The adequacy of impact fees is reviewed on an annual basis to ensure that the fee is commensurate with the service. Payment of the applicable impact fees by the Project applicant, and ongoing revenues that would come from property taxes, sales taxes, and other revenues generated by the proposed Project, would fund capital and labor costs associated with police services. Payment of such fees is adequate to ensure that the proposed Project would not result in any CEQA impacts related to this topic, including the potential for the proposed Project to cause substantial adverse physical impact associated with the provision of new or physically alternated governmental services, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts.

Based on the current adequacy of existing response times and the ability of the Manteca Police Department to serve the City, it is anticipated that the existing police department facilities are

sufficient to serve the proposed Project. Consequently, any impacts would be *less than significant*.

### Schools

Most schools within the City of Manteca are part of the Manteca Unified School District (MUSD). The MUSD provides school services for grades kindergarten through 12 (K-12) within the communities of Manteca, Manteca, Stockton, and French Camp. The District is approximately 113 square miles and serves more than 23,000 students. Within the City of Manteca, there are three elementary schools (Manteca Elementary School, Joseph Widmer School, and Mossdale Elementary School) and one high school (Sierra High School). River Islands has two charter elementary schools, located within the Banta Unified School District (River Islands Technology Academy and the S.T.E.A.M. Academy).

MUSD provides school services for grades K through 12 within the communities of Manteca, Lathrop, Stockton, and French Camp. MUSD operates 14 elementary and middle schools (grades K-8), four high schools (grades 9-12), one community day school (grades 7-12), and one vocational academy (grades 11-12). The schools in the City had a total enrollment of approximately 14,279 students, of which 9,416 were enrolled in elementary and middle school (grades K – 8) and 4,863 were enrolled in high school (grades 9 – 12).

The proposed Project does not include any residential units, and therefore would not directly increase the student population in the area.

The MUSD collects impact fees from new developments under the provisions of The Leroy F. Greene School Facilities Act of 1998, enacted by Senate Bill 50 (“SB 50”). SB 50 restricts the ability of local agencies to deny or condition land use approvals on the basis that school facilities are inadequate and precludes local agencies from requiring anything other than payment of the prevailing developer fee adopted by the local school district. SB 50 sets forth the “exclusive methods of considering and mitigating impacts on school facilities” resulting from any planning and/or development project, regardless of whether its character is legislative, adjudicative, or both. Govt. Code § 65996(a) (emphasis added).

Section 65995(h) provides that “[t]he payment or satisfaction of a fee, charge, or other requirement levied or imposed pursuant to Section 17620 of the Education Code in the amount specified in Section 65995 ... is hereby deemed to be full and complete mitigation of the impacts of any legislative or adjudicative act, or both, involving but not limited to, the planning, use, or development of real property ... on the provision of adequate school facilities.”

The reference in Section 65995(h) to fees “imposed pursuant to Section 17620 of the Education Code in the amount specified in Section 65995” is to per-square-foot school fees that can be imposed by school districts on new residential and commercial and industrial construction. Pursuant to this authority, the District has adopted a Level 1 fee in the amount of \$3.79 per square foot of assessable space of new residential construction. Payment of this Level 1 fee by the applicant constitutes full and complete mitigation of all impacts of the proposed Project on the District’s school facilities as a matter of law. (Gov’t Code § 65995(h).)

Under SB 50, the City of Manteca is legally precluded from concluding, under CEQA or otherwise, that payment of the prevailing Level 1 fee will not completely mitigate the impacts of the proposed Project. Government Code § 65995(a) sets forth the “exclusive methods of considering and mitigating impacts on school facilities” when evaluating a development project. Because the methods of both “considering and mitigating” impacts on school facilities set forth in

Government Code section 65996(a) are exclusive, SB 50 obviates the need for CEQA documents even to contain a description and analysis of a development project's impacts on school facilities. See *Chawanakee Unified Sch. Dist. v. Cty. of Madera*, 196 Cal. App. 4th 1016, 1027 (2011). Further, these statutes prohibit local agencies from concluding that payment of the authorized fees do not constitute full and complete mitigation of a project's school facilities impacts. Local agencies have no power to supersede the legislature's express and unambiguous directives on this subject. Nor does the City possess the authority to deny or condition the proposed Project unless the applicant agrees to pay fees or provide other mitigation beyond the duly adopted Level 1 fee. Under Government Code § 65995(a), a "local agency may not deny or refuse to approve a legislative or adjudicative act, or both, involving, but not limited to, the planning, use, or development of real property . . . on the basis of a person's refusal to provide school facilities mitigation that exceeds the amounts authorized pursuant to [SB 50.]" In short, payment of the Level 1 fee is "deemed to provide full and complete school facilities mitigation and, notwithstanding [Government Code] Section 65858, or [CEQA], or any other provision of state or local law, a state or local agency may not deny or refuse to approve [the] development of real property ... on the basis that school facilities are inadequate."

Payment of the applicable impact fees from new development, and ongoing revenues that would come from taxes, would fund capital and labor costs associated with school services. The adequacy of fees is reviewed on an annual basis to ensure that the fee is commensurate with the service. Payment of the applicable impact fees, and ongoing revenues that would come from property taxes and other revenues generated by the proposed Project, would fund improvements associated with school services.

The provisions of State law are considered full and complete mitigation for the purposes of analysis under CEQA for school construction needed to serve new development. In fact, State law expressly precludes the City from reaching a conclusion under CEQA that payment of the Leroy F. Greene School Facilities Act school impact fees would not completely mitigate new development impacts on school facilities. Consequently, the City of Manteca is without the legal authority under CEQA to impose any fee, condition, or other exaction on the proposed Project for the funding of new school construction other than the fees allowed by the Leroy F. Greene School Facilities Act. Additionally, local agencies are prohibited from using the inadequacy of school facilities as a basis for denying or conditioning approvals. Although MUSD may collect higher fees than those imposed by the Leroy F. Greene School Facilities Act, no such fees are required to mitigate the impact under CEQA. Because the proposed Project would pay fees as required by The Leroy F. Greene School Facilities Act, this impact would be *less than significant*.

### **Parks**

CEQA requires that the proposed Project is analyzed to determine whether any substantial adverse impacts would be associated with any new or physically altered governmental facilities that may be required to serve the proposed Project (in this case, for park and recreation facilities). The proposed Project directly increases the number of persons in the area as a result of an increase in employment potential. The proposed Project does not include any residential units.

The proposed Project does not include the construction of residential uses, does not directly increase the need for additional parks. Implementation of the proposed Project would have a **no impact** relative to this topic.

### **Other Public Facilities**

The proposed Project would not result in a need for other public facilities that are not addressed above, or in Section XVIII, Utilities and Service Systems. Implementation of the proposed Project would have ***no impact*** relative to this issue.

*XVI. RECREATION*

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?			X	
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?				X

*Responses to Checklist Questions*

**Responses a):** The proposed Project does not include the construction of residential uses, and therefore does not generate additional direct demand on park services. Thus, the potential impact would be reduced to a *less than significant* level.

**Responses b):** The proposed Project does not include the construction of recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. Implementation of the proposed Project would have *no impact* relative to this topic.

**XVII. TRANSPORTATION**

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

**Introduction**

This discussion provides the results of the Transportation Impact Analysis (TIA) conducted for the proposed GBxManteca Project located at 2261 Operation Place. The proposed project would construct an industrial warehousing / distribution building on the south-east corner of the Intermodal Way / Interconnect Drive intersection in the Northwest Airport Way Master Plan Area. The proposed project would be located approximately 1.75 mile (9,250 feet ) south of the Roth Road / Airport Way signalized intersection, and approximately 0.25 miles (1,450 feet) north of the Lathrop Road / Airport Way signalized intersection. The proposed GBxManteca Project would encompass 23.5 acres and would provide the following three access driveways:

- One driveway on Operation Place for employees;
- A second driveway on Interconnect Way for trucks and employee; and
- A third driveway on Intermodal Way (with a sliding gate) for trucks

The GBxManteca Project Suite will provide a total of 251 automobile parking stalls located on the south and east sides of the distribution building. On the west side of the GBxManteca building, a total of 56 truck trailer parking stalls and 40 truck loading docks will be provided adjacent to Intermodal Way.

The proposed project would construct Interconnect Way, connecting Intermodal Way with Operation Avenue, providing the primary access route for truck to access the project site. The proposed project would also construct Operation Place, connecting Interconnect Way with the cul-de-sac on the southern end of the project site.

**Project Trip Generation**

Trip generation rates are provided in Table Trans-1, projected trips generated by the proposed GBxManteca Project for Weekday Daily, AM Peak Hour, and PM Peak Hour Conditions for All Vehicles (Table Trans-2), Employee Vehicles – Passenger Cars, SUV and Light Duty Trucks (Table Trans-3), and Delivery CA Legal / STAA Trucks ((Table Trans-4). Trips generated are based on blended trip rates from the Trip Generation Manual 11th Edition (Institute of Transportation Engineers, 2021) and the City of Manteca Travel Demand Forecasting (TDF) Model that was developed for the General Plan 2020/2040 Update.

**Table Trans-1: GBxManteca (2261 Operation Place) Project Trip Generation Rates**

Land Use (ITE Code)	Gross Floor Area (Sq. Ft.)	Vehicle Trip Rate <sup>1</sup>						
		Daily	AM			PM		
		Total	Total	In	Out	Total	In	Out
Warehousing Industrial (Blended Trip Rate of 10% - 110, 14% - 130, 16% - 150, 48% - 154 5% -155, 4%-156, and 3% -157)	294,943 Square Feet	2.245	0.23	0.16	0.07	0.23	0.08	0.15

<sup>1</sup> Trip rates are based on the Trip Generation Manual 11<sup>th</sup> Edition (Institute of Transportation Engineers 2021).

Source: Fehr & Peers, 2022

**Table Trans-2: Project Trip Generation (All Vehicles)**

Project	Gross Floor Area (Sq. Ft.)	Daily (All Vehicles)	AM Peak Hour (All Vehicles)			PM Peak Hour (All Vehicles)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2261 Operation Place)	294,943 Square Feet	662	67	46	21	67	22	45

Source: Fehr & Peers, 2022

**Table Trans-3: Project Trip Generation (Employee Vehicles – Passenger Cars, SUV and Light Duty Trucks)**

Project	Gross Floor Area (Sq. Ft.)	Daily (Employee Vehicles)	AM Peak Hour (Employee Vehicles)			PM Peak Hour (Employee Vehicles)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2261 Operation Place)	294,943 Square Feet	530	56	44	12	60	17	43

Source: Fehr & Peers, 2022

**Table Trans-4: Project Trip Generation – Trucks (Delivery CA Legal and STAA)**

Project	Gross Floor Area (Sq. Ft.)	Daily (CA Legal and STAA Trucks)	AM Peak Hour (CA Legal and STAA Trucks)			PM Peak Hour (CA Legal and STAA Trucks)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2261 Operation Place)	294,943 Square Feet	132	11	2	9	7	5	2

Source: Fehr & Peers, 2022

**Responses to Checklist Questions**

**Responses a):** An analysis of level of service is provided below to ensure that the proposed project’s traffic operations are consistent with the Circulation Element of the General Plan.

Roadway segment level of service analysis – existing conditions

In addition to Vehicle Miles Traveled, the secondary and non-CEQA measure analyzed for the transportation analysis is segment level of service for Existing (Year 2022) and Existing With

GBxManteca Project Weekday Average Daily Traffic (ADT) Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

Table Trans-5 presents the existing weekday ADT volumes for twenty-six (26) study roadway segments in the project study area. The Project Trip Generation analysis showed that on a daily basis, the proposed GBxManteca Project would add a total of 662 vehicles to the surrounding transportation network, consisting of 530 employee vehicles, and 132 California Legal or STAA Trucks. On a typical weekday, the proposed GBxManteca Project would add 132 California Legal or STAA Trucks on Intermodal Way between Roth Road and Interconnect Drive.

The results of the roadway segment level of service analysis showed that the proposed GBxManteca Project would not result in any roadways operating below acceptable level of service thresholds on the surrounding transportation network. All twenty-six roadway segments would continue to operate at acceptable Level of Service C or D under Existing With Project Conditions.

**Table Trans-5: Existing Level of Service Analysis – No Project versus With GBxManteca Project Average Daily Traffic Volumes**

Roadway Segment - Location	Existing (No Project)		Existing With Project		With Project - No Project	
	ADT Volume	LOS	ADT Volume	LOS	ADT Volume	Percentage Change
1. Roth Road – Between Intermodal Way and Airport Way	9,700	D	9,779	D	79	0.8 %
2. Roth Road – Between Intermodal Way and McKinley Avenue	9,600	D	9,759	D	159	1.7 %
3. Roth Road – Between McKinley Avenue and Harlan Road	9,800	D	9,959	D	159	1.6 %
4. Roth Road – Between Harlan Road and NB I-5 Off/On-Ramps	14,800	D	14,959	D	159	1.1 %
5. Roth Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	8,500	C	8,553	C	53	0.6 %
6. Airport Way – Between French Camp Road and Roth Road	7,400	C	7,479	C	79	1.1 %
7. Airport Way – Between Roth Road and Lovelace Road	6,700	C	6,806	C	106	1.6 %
8. Airport Way – Between Lovelace Road and Daisywood Drive	7,000	C	7,106	C	106	1.5 %
9. Airport Way – Between Daisywood Drive and Pinnacle Drive	7,500	D	7,606	D	106	1.4 %
10. Airport Way – Between Pinnacle Drive and Lathrop Road	8,800	D	9,224	D	424	4.8 %
11. Airport Way – Between Lathrop Road and Northgate Drive	9,800	D	9,986	D	186	1.9 %
12. Airport Way – Between Northgate Drive and Louise Avenue	10,500	D	10,686	D	186	1.8 %
13. Airport Way – Between Louise Avenue and Crom Avenue	14,800	D	14,986	D	186	1.3 %



14. Airport Way – Between Crom Avenue and Yosemite Avenue	15,600	D	15,786	D	186	1.2 %
15. Lathrop Road – Between Union Road and Airport Way	16,700	D	16,833	D	133	0.8 %
16. Lathrop Road – Between Airport Way and McKinley Avenue	21,400	D	21,506	D	106	0.5 %
17. Lathrop Road – Between McKinley Avenue and 5 <sup>th</sup> Street	21,000	D	21,095	D	95	0.5 %
18. Lathrop Road – Between 5 <sup>th</sup> Street and Harlan Road	20,600	D	20,695	D	95	0.5 %
19. Lathrop Road – Between Harlan Road and NB I-5 Off/On-Ramps	24,500	D	24,595	D	95	0.4 %
20. Lathrop Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	16,200	C	16,248	C	48	0.3 %
21. Spartan Way – Between SB I-5 Off/On -Ramps and Golden Valley Parkway	9,200	C	9,211	C	11	0.1 %
22. Intermodal Way – Between Roth Road and 5.11 Tactical Building	1,650	C	1,782	C	132	8.0 %
23. Intermodal Way – Between 5.11 Tactical Building and Tactical Way	950	C	1,082	C	132	13.9 %
24. Intermodal Way – Between Tactical Way and Street A	190	C	322	C	132	69.5 %
25. Intermodal Way – Between Street A and Interconnect Drive	N/A	C	133	C	132	N/A
26. Pinnacle Drive – Between Airport Way and Operation Court	35	C	565	C	530	1,514 %

Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update

Source: Fehr & Peers, 2022

### Roadway segment level of service analysis – cumulative conditions

In addition to Vehicle Miles Traveled, the secondary measure analyzed for the transportation analysis was segment level of service for Cumulative No Project and Cumulative With GBxManteca Project Weekday Average Daily Traffic (ADT) Conditions. Table Trans-6 presents the projected ADT volumes for twenty-six (26) study roadway segments in the project study area using the City of Manteca / City of Lathrop Travel Demand Forecasting (TDF) Model.

The Project Trip Generation analysis showed that on a daily basis, the proposed GBxManteca Project would add a total of 662 vehicles to the surrounding transportation network, consisting of 530 employee vehicles, and 132 California Legal or STAA Trucks. On a typical weekday, the proposed GBxManteca Project would add 132 California Legal or STAA Trucks on Intermodal Way between Roth Road and Interconnect Drive.

The results of the roadway segment level of service analysis showed that the proposed GBxManteca Project would not result in any roadways operating below acceptable level of service

thresholds on the surrounding transportation network. All twenty-six roadway segments would continue to operate at acceptable Level of Service C or D under Existing With Project Conditions.

**Table Trans-6: Cumulative Level of Service Analysis – No Project versus With GBxManteca Project Average Daily Traffic Volumes**

Roadway Segment - Location	No Project		With Project		With Project - No Project	
	ADT Volume	LOS	ADT Volume	LOS	ADT Volume	Percentage Change
1. Roth Road – Between Intermodal Way and Airport Way	17,790	D	17,869	D	79	0.4 %
2. Roth Road – Between Intermodal Way and McKinley Avenue	17,420	D	17,579	D	159	0.9 %
3. Roth Road – Between McKinley Avenue and Harlan Road	19,380	D	19,539	D	159	0.8 %
4. Roth Road – Between Harlan Road and NB I-5 Off/On-Ramps	24,600	D	24,759	D	159	0.6 %
5. Roth Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	32,610	D	32,663	D	53	0.2 %
6. Airport Way – Between French Camp Road and Roth Road	17,640	C	17,719	C	79	0.4 %
7. Airport Way – Between Roth Road and Lovelace Road	19,800	C	19,906	C	106	0.5 %
8. Airport Way – Between Lovelace Road and Daisywood Drive	16,010	C	16,116	C	106	0.7 %
9. Airport Way – Between Daisywood Drive and Pinnacle Drive	15,980	C	16,086	C	106	0.7 %
10. Airport Way – Between Pinnacle Drive and Lathrop Road	24,980	D	25,404	D	424	1.7 %
11. Airport Way – Between Lathrop Road and Northgate Drive	22,190	D	22,376	D	186	0.8 %
12. Airport Way – Between Northgate Drive and Louise Avenue	20,840	D	21,026	D	186	0.9 %
13. Airport Way – Between Louise Avenue and Crom Avenue	23,300	D	23,486	D	186	0.8 %
14. Airport Way – Between Crom Avenue and Yosemite Avenue	23,180	D	23,366	D	186	0.8 %
15. Lathrop Road – Between Union Road and Airport Way	21,650	D	21,783	D	133	0.6 %
16. Lathrop Road – Between Airport Way and McKinley Avenue	24,460	D	24,566	D	106	0.4 %
17. Lathrop Road – Between McKinley Avenue and 5 <sup>th</sup> Street	26,030	D	26,125	D	95	0.4 %
18. Lathrop Road – Between 5 <sup>th</sup> Street and Harlan Road	25,410	D	25,505	D	95	0.4 %

19. Lathrop Road – Between Harlan Road and NB I-5 Off/On-Ramps	35,350	D	35,445	D	95	0.3 %
20. Lathrop Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	39,330	D	39,378	D	48	0.1 %
21. Spartan Way – Between SB I-5 Off/On -Ramps and Golden Valley Parkway	47,830	D	47,841	D	11	0.1 %
22. Intermodal Way – Between Roth Road and 5.11 Tactical Building	2,380	C	2,512	C	132	5.5 %
23. Intermodal Way – Between 5.11 Tactical Building and Tactical Way	1,780	C	1,912	C	132	7.4 %
24. Intermodal Way – Between Tactical Way and Street A	1,190	C	1,322	C	132	11.4 %
25. Intermodal Way – Between Street A and Interconnect Drive	600	C	732	C	132	22.0 %
26. Pinnacle Drive – Between Airport Way and Operation Court	800	C	1,330	C	530	66.3 %

Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update

Source: Fehr & Peers, 2022

#### Intersection level of service analysis – existing conditions

The tertiary and non-CEQA measure analyzed for the transportation analysis is intersection level of service for Existing (Year 2022) and Existing With GBxManteca Project Weekday AM and PM Peak Hour Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

Table Trans-7 presents the existing AM and PM peak hour intersection level of service for the fourteen (14) study intersections in the project study area. The Project Trip Generation analysis showed that during the AM peak hour, the proposed GBxManteca Project would add a total of 67 vehicles to the surrounding transportation network, consisting of 56 employee vehicles, and 311 California Legal or STAA Trucks. During the PM peak hour, the proposed GBxManteca Project would add a total of 67 vehicles to the surrounding transportation network, consisting of 60 employee vehicles, and 7 California Legal or STAA Trucks.

The results of the intersection level of service analysis showed that the proposed GBxManteca Project would not result in any intersections operating below acceptable level of service thresholds on the surrounding transportation network. All fourteen (14) study intersections would continue to operate at acceptable Level of Service D or better under Existing With Project Conditions.

**Table 7: Existing Level of Service Analysis – No Project versus With GBxManteca Project Weekday AM and PM Peak Hours**

Intersection (Control)	Existing (No Project)		Existing With Project	
	Delay AM(PM)	LOS AM(PM)	Delay AM(PM)	LOS AM(PM)
1. Roth Road / Airport Way (Signal)	12.0 (13.1)	B (B)	14.0 (15.4)	B (B)
2. Roth Road / Intermodal Way (Signal)	8.5 (9.2)	A (A)	9.1 (9.8)	A (A)
3. Roth Road / I-5 SB Ramps (SSSC)	18.5 (22.1)	C (C)	21.2 (22.1)	C (C)
4. Roth Road / I-5 NB Ramps (SSSC)	13.1 (15.7)	B (C)	14.4 (16.2)	B (C)
5. Airport Way / Lovelace Road (Signal)	9.7 (9.0)	A (A)	10.1 (9.5)	B (A)
6. Airport Way / Daisywood Drive (Signal)	6.7 (5.8)	A (A)	7.1 (6.2)	A (A)
7. Airport Way / Lathrop Road (Signal)	26.6 (27.0)	C (C)	28.1 (28.7)	C (C)
8. Airport Way / Louise Avenue (Signal)	28.5 (29.6)	C (C)	29.4 (30.5)	C (C)
9. Lathrop Road / I-5 SB Ramps (Signal)	14.4 (17.8)	B (B)	16.2 (18.5)	B (B)
10. Lathrop Road / I-5 NB Ramps (Signal)	13.1 (17.4)	B (B)	14.4 (19.2)	B (B)
11. Lathrop Road / Union Road (Signal)	31.7 (30.8)	C (C)	32.3 (31.9)	C (C)
12. Lathrop Road / SR 99 SB Ramps / Main Street (Signal)	21.1 (24.0)	C (C)	22.2 (24.8)	C (C)
13. Lathrop Road / SR 99 NB Ramps (Signal)	10.1 (9.9)	B (A)	10.8 (10.2)	B (B)
14. Airport Way / Pinnacle Drive (SSSC)	9.5 (10.1)	A (B)	9.8 (10.3)	A (B)

**Notes:**

SSSC = Side-Street Stop Control; LOS = Level of Service

<sup>1</sup> For signalized intersections and all-way stop controlled intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).

Source: Fehr & Peers, 2022

**Intersection level of service analysis – cumulative conditions**

The tertiary and non-CEQA measure analyzed for the transportation analysis is intersection level of service for Cumulative No Project and Cumulative With GBxManteca Project Weekday AM and PM Peak Hour Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

Table Trans-8 presents the projected AM and PM peak hour intersection level of service for the fourteen (14) study intersections in the project study area using the City of Manteca / City of Lathrop Travel Demand Forecasting (TDF) Model.

Under Cumulative No Project Conditions, traffic associated with land use growth in the City of Manteca and City of Lathrop contributes to the increase in traffic volumes along Lathrop Road. As displayed, the following intersection would operate unacceptably:

Union Road/Lathrop Road would operate unacceptably at LOS F during both AM peak hour and PM peak hours. Major intersection expansion would be required to accommodate the projected Cumulative No Project traffic volumes at this intersection during the AM and PM peak hour. The eastbound approach was modified to include two left turn pockets; the westbound approach was modified to include two left turn pockets, two through lanes, and a right turn pocket; the northbound approach was modified to include two northbound through lanes and a right turn pocket. It is important to note that the expansion of this intersection would require right-of-way acquisition from parcels with existing, established land uses around the intersection.

**Table Trans-8: Cumulative Level of Service Analysis – No Project versus With GBxManteca Project Weekday AM and PM Peak Hours**

Intersection (Control)	Cumulative (No Project)		Cumulative With Project	
	Delay AM(PM)	LOS AM(PM)	Delay AM(PM)	LOS AM(PM)
1. Roth Road / Airport Way (Signal) <sup>2</sup>	22.5 (23.1)	C (C)	22.2 (24.4)	C (C)
2. Roth Road / Intermodal Way (Signal) <sup>2</sup>	10.2 (10.8)	B (B)	11.2 (11.4)	B (B)
3. Roth Road / I-5 SB Ramps (Signal) <sup>2</sup>	13.9 (18.0)	B (B)	14.5 (19.2)	B (B)
4. Roth Road / I-5 NB Ramps (Signal) <sup>2</sup>	13.2 (14.4)	B (B)	13.7 (15.1)	B (B)
5. Airport Way / Lovelace Road (Signal) <sup>2</sup>	9.1 (9.2)	A (A)	9.8 (9.6)	A (A)
6. Airport Way / Daisywood Drive (Signal) <sup>2</sup>	6.9 (7.2)	A (A)	7.5 (7.6)	A (A)
7. Airport Way / Lathrop Road (Signal) <sup>2</sup>	33.2 (32.6)	C (C)	34.4 (33.9)	C (C)
8. Airport Way / Louise Avenue (Signal) <sup>2</sup>	26.2 (28.5)	C (C)	27.7 (29.4)	C (C)
9. Lathrop Road / I-5 SB Ramps (Signal) <sup>2 3</sup>	17.8 (21.3)	B (C)	18.2 (22.4)	B (C)
10. Lathrop Road / I-5 NB Ramps (Signal) <sup>2 3</sup>	34.1 (25.4)	C (C)	34.8 (26.1)	C (C)
11. Lathrop Road / Union Road (Signal)	<b>89.8 (80.2)</b>	<b>F (F)</b>	<b>90.2 (80.7)</b>	<b>F (F)</b>
12. Lathrop Road / SR 99 SB Ramps / Main Street (Signal)	47.4 (45.3)	D (D)	48.1 (46.2)	D (D)
13. Lathrop Road / SR 99 NB Ramps (Signal)	11.2 (10.8)	B (B)	11.6 (11.2)	B (B)
14. Airport Way / Pinnacle Drive (SSSC)	10.2 (10.5)	B (B)	12.7 (11.5)	B (B)

Notes:

**Bold** indicates unacceptable operations.

SSSC = Side-Street Stop Control; LOS = Level of Service

<sup>1</sup> For signalized intersections, roundabouts, and all-way stop controlled intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).

<sup>2</sup> Intersection lane configuration and/or traffic control are different from Existing Conditions due to planned intersection and roadway improvements.

<sup>3</sup> The future interchange design has not been formalized. Delay and LOS are estimated using an improved tight-diamond interchange configuration and are subject to change.

Source: Fehr & Peers, 2022

The results of the intersection level of service analysis showed that the proposed GBxManteca Project would not result in any additional intersections operating below acceptable level of service thresholds on the surrounding transportation network. Thirteen (13) of the fourteen (14) study intersections would continue to operate at acceptable Level of Service D or better under Cumulative With Project Conditions. The Union Road/Lathrop Road intersection would continue to operate unacceptably at LOS F during both AM peak hour and PM peak hours. The City of Manteca has identified improvements to the intersection of Union Road / Lathrop Road that are needed under the Cumulative With Project Conditions. The improvements identified are beyond the current intersection geometrics, and include a new traffic signal controller and improved signal timings. With these improvements under the Cumulative With Project Conditions, AM and PM peak hour operations at the Union Road / Lathrop Road intersection would marginally improve, reducing average vehicle delay and corresponding level of service (from LOS F to LOS E) for both Without and With the Pending / Undeveloped NAWAMP Area scenarios. Based on a discussion with the Engineering Department, the Union Road / Lathrop Road intersection will also be fully evaluated after the General Plan Update is completed as part of the 2023 PFIP Update. The goal will be to improve Union Road / Lathrop Road operations from LOS E to LOS D conditions under the Cumulative with Project Conditions, and each of the contributing development project, including the proposed Project, will pay the current PFIP fee prior to issuance of building permits.

### Recommended Conditions of Approval

The following conditions should be incorporated into the Conditions of Approval for the proposed project to ensure consistency with the General Plan and existing capital improvement plans that fund local and regional traffic improvements:

- **Traffic COA #1** – The developer shall pay for the total cost of construction of Interconnect Way between Intermodal Drive and Operation Place and require all truck traffic to use Intermodal Drive to access the GBxManteca Project.
- **Traffic COA #2** – The developer shall pay for the total cost of construction of Operation Place between Interconnect Drive and GBxManteca Project driveway and install an all-way stop controlled intersection at the Operation Place / Pinnacle Drive three-legged intersection.
- **Traffic COA #3** – The developer shall pay their fair share for improvements identified in the City of Manteca Public Facilities Implementation Plan (PFIP) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve intersections in the City of Manteca.
- **Traffic COA #4** – The developer shall pay their fair share of the SJCOG Regional Transportation Impact Fee (RTIF) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve the Roth Road Corridor in the City of Manteca, City of Lathrop, and San Joaquin County.
- **Traffic COA #5** – Intersection improvements at the Union Road/Lathrop Road intersection include a new traffic signal controller and improved signal timings to improve LOS. The City

is also anticipated to update the PFIP with additional improvements that would improve the LOS further. The developer shall pay their fair share for improvements identified in the PFIP to accommodate the projected Cumulative No Project and Cumulative. Under Cumulative Plus Project Conditions, the GBxManteca Project contributes to 3 percent of the total intersection volume.

**Response b):** SB 743 created several statewide changes to the evaluation of transportation and traffic impacts under CEQA. First, it directs OPR to amend the CEQA Guidelines to establish new metrics for determining the significance of transportation impacts of projects within transit priority areas (TPAs) and allows OPR to extend use of the new metrics beyond TPAs. The California Natural Resources Agency certified and adopted the amended CEQA Guidelines in December 2018. In the amended CEQA Guidelines, OPR selected Vehicle Miles Traveled (VMT) as the primary transportation impact metric to be applied throughout the State of California.

The amended CEQA Guidelines state that “generally, VMT is the most appropriate measure of transportation impacts” and the provisions requiring the use of VMT shall apply statewide as of July 1, 2020. The amended CEQA Guidelines further state that land use “projects within one-half mile of either an existing major transit stop or a stop along an existing high-quality transit corridor should be presumed to cause a less-than-significant transportation impact.”

Second, SB 743 establishes that aesthetic and parking impacts of a residential, mixed-use residential, or employment center projects on an infill site within a TPA shall not be considered significant impacts on the environment.

Third, SB 743 added section 21099 to the Public Resources Code, which states that automobile delay, as described by level of service (LOS) or similar measures of vehicular capacity or traffic congestion, shall not be considered a significant impact on the environment upon certification of the CEQA Guidelines by the Natural Resources Agency. Since the amended CEQA Guidelines were certified in December 2018, LOS or similar measures of vehicular capacity or traffic congestion are not considered a significant impact on the environment under CEQA.

Lastly, SB 743 establishes a new CEQA exemption for a residential, mixed-use, and employment center project a) within a TPA, b) consistent with a specific plan for which an EIR has been certified, and c) consistent with an SCS. This exemption requires further review if the project or circumstances changes significantly.

#### Technical Advisory on Evaluating Transportation Impacts

To aid in SB 743 implementation, in December 2018 OPR released a Technical Advisory on Evaluating Transportation Impacts in CEQA (Technical Advisory). The Technical Advisory provides advice and recommendations to CEQA lead agencies on how to implement the SB 743 changes. This includes technical recommendations regarding the assessment of VMT, thresholds of significance, VMT mitigation measures, and screening thresholds for certain land use projects. Lead agencies may consider and use these recommendations at their discretion and with the provision of substantial evidence to support alternative approaches.

The Technical Advisory identifies “screening thresholds” to quickly identify when a project should be expected to cause a less-than-significant impact without conducting a detailed study. The Technical Advisory suggests that projects meeting one or more of the following criteria should be expected to have a less-than-significant impact on VMT.

Small projects – projects consistent with a SCS and local general plan that generate or attract fewer than 110 trips per day.

Projects near major transit stops – certain projects (residential, retail, office, or a mix of these uses) proposed within ½ mile of an existing major transit stop or an existing stop along a high-quality transit corridor.

Affordable residential development – a project consisting of a high percentage of affordable housing may be a basis to find a less-than-significant impact on VMT.

Local-serving retail – local-serving retail development tends to shorten trips and reduce VMT. The Technical Advisory encourages lead agencies to decide when a project will likely be local-serving, but generally acknowledges that retail development including stores larger than 50,000 square feet might be considered regional-serving. The Technical Advisory suggests lead agencies analyze whether regional-serving retail would increase or decrease VMT (i.e., not presume a less-than-significant).

Projects in low VMT areas – residential and office projects that incorporate similar features (i.e., density, mix of uses, transit accessibility) as existing development in areas with low VMT will tend to exhibit similarly low VMT.

The Technical Advisory also identifies recommended numeric VMT thresholds for residential, office, and retail projects, as described below.

Residential development that would generate vehicle travel exceeding 15 percent below existing (baseline) residential VMT per capita may indicate a significant transportation impact. Existing VMT per capita may be measured as a regional VMT per capita or as city VMT per capita.

Office projects that would generate vehicle travel exceeding 15 percent below existing regional VMT per employee may indicate a significant transportation impact.

Retail projects (and other non-residential/non-office projects) that results in a net increase in total VMT may indicate a significant transportation impact.

For mixed-use projects, the Technical Advisory suggests evaluating each component independently and applying the significance threshold for each project type included. Alternatively, the lead agency may consider only the project's dominant use.

The Technical Advisory also provides guidance on impacts to transit. Specifically, the Technical Advisory suggests that lead agencies generally should not treat the addition of new transit users as an adverse impact. As an example, the Technical Advisory suggests that “an infill development may add riders to transit systems and the additional boarding and alighting may slow transit vehicles, but it also adds destinations, improving proximity and accessibility. Such development also improves regional vehicle flow by adding less vehicle travel onto the regional network.”

#### *VMT-Focused Transportation Impact Study Guide*

On May 20, 2020, the VMT-Focused Transportation Impact Study Guide (TISG) was adopted. The TISG provides guidance on how Caltrans will review land use projects, with focus on VMT analysis and supporting state land use goals, state planning priorities, and GHG emission reduction goals; as well as identifying land use projects' possible transportation impacts to the State Highway System and potential non-capacity increasing mitigation measures.

The TISG emphasizes that VMT analysis is Caltrans' primary review focus, and references OPR's Technical Advisory as a basis for the guidance in the TISG. Notably, the TISG recommends the use of the recommended thresholds in the Technical Advisory for land use projects. The TISG also



references the Technical Advisory for screening thresholds that would identify projects and areas presumed to have a less-than-significant transportation impact. Caltrans supports streamlining for projects that meet these screening thresholds because they help achieve VMT reduction and mode shift goals.

#### VMT Analysis

The proposed GBxManteca Project does not qualify as a small project for screening purposes, and it is not located in a low VMT area. Therefore, consistent with the discussion of SB 743 provided above vehicle travel was evaluated using VMT as the primary metric. The following describes the baseline VMT levels for industrial land uses in the City of Manteca. The Baseline VMT and Cumulative Project VMT was developed using the City of Manteca travel demand model that was derived from the San Joaquin Council of Government's (SJCOG) Regional Travel Demand Model. The model was developed in 2020 and calibrated to adjusted pre COVID-19 traffic counts.

Roadway improvements and land use projections consistent with the SJCOG Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS), City of Manteca General Plan, and City of Lathrop General Plan were added to the Cumulative Conditions Model.

A model-wide analysis was preformed to obtain daily trips and travel distance for all Industrial Transportation Analysis Zones (TAZs), and the product of daily trips and travel distance was summed up to obtain VMT estimates. It should be noted that the VMT analysis was based on Interconnect Way being constructed to provide access to and from Intermodal Way, Roth Road and the I-5 / Roth Road interchange for project-generated California Legal and STAA Truck traffic.

Table Trans-9 presents modeled Baseline Citywide and Cumulative With GBxManteca Project VMT per industrial employee. The proposed GBxManteca Project will result in a decrease in VMT when compared to baseline citywide, from 75.3 to 75.1 vehicle miles per employee. This represents a 0.26% decrease when compared to baseline city-wide average. Therefore, the construction of the GBxManteca Project will improve the jobs to housing balance in the City of Manteca and provide an overall benefit to reducing VMT per employee, fuel consumption and greenhouse gas emissions. In order to have a less than significant impact relative to this primary CEQA topic, the GBxManteca Project will be required to have all trucks access the facility using Intermodal Way and only employee access will be allowed from Airport Way.

**Table Trans-9: GBxManteca Project Vehicle Miles Traveled (VMT) Analysis**

<i>Scenario</i>	<i>VMT Per Industrial Employee</i>	<i>VMT Reduction Per Industrial Employee</i>	<i>Percentage Reduction Per Industrial Employee</i>
Baseline Citywide	75.3		
Cumulative With GBxManteca Project	75.1	- 0.2	-0.26%

*Note: Citywide VMT includes All industrial land Uses in the City of Manteca*

*Source: City of Manteca Travel Demand Model - Fehr & Peers, 2022*

**Responses c), d):** The proposed project would develop a distribution facility, which would build out a portion of the Northwest Airport Way Master Plan area, as planned. No site circulation or access issues have been identified that would cause a traffic safety problem/hazard or any unusual traffic congestion or delay within the proposed project. The volumes on the internal roadways would be relatively low. Implementation of the proposed project would have a **less than significant** impact relative to this topic.

*XVIII. TRIBAL CULTURAL RESOURCES*

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

*Responses to Checklist Questions*

**Responses a), b):** AB 52 Tribal Consultation is a requirement by which public agencies are required to consult with California Native American tribes that are traditionally and culturally affiliated with the geographic area of a proposed project that is subject to CEQA, if the tribes request formal notification and subsequently consultation.

In order to participate in AB 52 tribal consultation, a tribe must specifically request, in writing, to be notified by lead agencies through formal notification of proposed projects in the geographic area with which the tribe is traditionally and culturally affiliated. However, there are no tribes that have requested such formal notification of proposed projects in the City of Manteca. Therefore, according to AB 52, there is no requirement that a lead agency (i.e. City of Manteca) engage in AB 52 tribal consultation.

No Tribal Cultural Resources (TCRs) have been documented in the Project site. Nevertheless, the Project site is located in a region where significant cultural resources have been recorded and there remains a potential that undocumented archaeological resources that may meet the TCR definition could be unearthed or otherwise discovered during ground-disturbing and construction activities. Examples of significant archaeological discoveries that may meet the TCR definition would include villages and cemeteries. Due to the possible presence of undocumented TCRs within the Project site, construction-related impacts on tribal cultural resources would be potentially significant. With implementation of the following mitigation measure, the proposed Project would have a **less than significant** impact related to tribal cultural resources.

*Mitigation Measures*

*Implement Mitigation Measures CUL-1, CUL-2, and CUL-4.*

***XIX. UTILITIES AND SERVICE SYSTEMS***

<b><i>Would the project:</i></b>	<b><i>Potentially Significant Impact</i></b>	<b><i>Less Than Significant with Mitigation Incorporation</i></b>	<b><i>Less Than Significant Impact</i></b>	<b><i>No Impact</i></b>
a) Require or result in the relocation or construction of new or expanded water, wastewater or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?		X		
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?		X		
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 projects projected demand in addition to the providers existing commitments?		X		
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?		X		
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?		X		

***Responses to Checklist Questions***

**Response a-c):**

**Water**

It is anticipated that water supply for the proposed Project would be local groundwater and treated surface water from SSJID’s South County Water Supply Program (SCWSP). Water distribution will be by an underground distribution system to be installed as per the City of Manteca standards and specifications. The applicant for the proposed Project will provide their proportionate share of required funding to the City for the acquisition and delivery of treated potable water supplies to the proposed Project site through connection fees.

The City’s General Plan designates the Project site as LI, which allows for the uses proposed for the proposed Project. Therefore, the City’s 2023 General Plan anticipated the proposed Project and the City’s UWMP assumed that the site would be developed with LI uses. There are no changes to the land use assumptions in the City’s General Plan Update, and UWMP Update. The following analysis reflects the City’s most current water demand and supply projections based on the General Plan Update.

A comparison of the City’s projected potable and raw water supplies and demands is shown in Table UTIL-1 for Normal, Single Dry, and Multiple Dry Years. Demand within the City’s service area is not expected to exceed the City’s supplies in any Normal year between 2020 and 2040. No

demand reductions are assumed during dry years. With this assumption, the City’s water demands are not expected to exceed water supplies in Single Dry Years or Multiple Dry Years.

**Table UTIL-1: Summary of Potable and Raw Water Demand Versus Supply During Hydrologic Normal, Single Dry, and Multiple Dry Years**

HYDROLOGIC CONDITION		SUPPLY AND DEMAND COMPARISON, AFY			
		2025	2030	2035	2040
<b>NORMAL YEAR</b>					
Available Potable and Raw Water Supply(a)		23,260	25,247	27,569	37,284
Total Water Demand(b)		18,480	21,012	23,891	27,164
Potential Surplus (Deficit)		4,780	4,235	3,678	10,120
Supply Shortfall, Percent of Demand		-	-	-	-
<b>SINGLE DRY YEAR</b>					
Available Potable and Raw Water Supply(a)		23,260	25,247	27,569	37,284
Total Water Demand(b)		18,480	21,012	23,891	27,164
Potential Surplus (Deficit)		4,780	4,235	3,678	10,120
Supply Shortfall, Percent of Demand		-	-	-	-
<b>MULTIPLE DRY YEAR</b>					
Multiple Dry Year 1	Available Potable and Raw Water Supply(a)	23,260	25,247	27,569	37,284
	Total Water Demand(b)	18,480	21,012	23,891	27,164
	Potential Surplus (Deficit)	4,780	4,235	3,678	10,120
	Supply Shortfall, Percent of Demand	-	-	-	-
Multiple Dry Year 2	Available Potable and Raw Water Supply(a)	23,260	25,247	27,569	37,284
	Total Water Demand(b)	18,480	21,012	23,891	27,164
	Potential Surplus (Deficit)	4,780	4,235	3,678	10,120
	Supply Shortfall, Percent of Demand	-	-	-	-
Multiple Dry Year 3	Available Potable and Raw Water Supply(a)	21,409	24,313	27,552	33,376
	Total Water Demand(b)	18,480	21,012	23,891	27,164
	Potential Surplus (Deficit)	2,929	3,301	3,661	6,212
	Supply Shortfall, Percent of Demand	-	-	-	-
Multiple Dry Year 4	Available Potable and Raw Water Supply(a)	21,409	24,313	27,552	33,376
	Total Water Demand(b)	18,480	21,012	23,891	27,164
	Potential Surplus (Deficit)	2,929	3,301	3,661	6,212
	Supply Shortfall, Percent of Demand	-	-	-	-
Multiple Dry Year 5	Available Potable and Raw Water Supply(a)	23,260	25,247	27,569	37,284
	Total Water Demand(b)	18,480	21,012	23,891	27,164
	Potential Surplus (Deficit)	4,780	4,235	3,678	10,120
	Supply Shortfall, Percent of Demand	-	-	-	-

(A) SURFACE WATER SUPPLY FROM TABLE 6-2 PLUS ASSUMED GROUNDWATER SUPPLY FROM TABLE 6-3.

(B) EQUALS THE CITY’S TOTAL PROJECTED POTABLE AND RAW WATER DEMAND (FROM TABLE 5-1 AND TABLE 5-4).

The technical analyses shows that the total projected water supplies determined to be available for the Proposed Project during Normal, Single Dry, and Multiple Dry years during a 20-year projection will meet the projected water demand associated with the Proposed Project, in addition to existing and planned future uses. The proposed Project would not result in

insufficient water supplies available to serve the Project from existing entitlements and resources. Therefore, the proposed Project would result in a **less than significant** impact to water supplies.

### Wastewater

The City of Manteca owns and operates a wastewater collection, treatment, and disposal system, and provides sanitary sewerage service to the City of Manteca and a portion of the City of Lathrop. On February 18, 2021, the RWQCB adopted Waste Discharge Requirements Order No. R5-2021-0003 NPDES NO. CA0081558, prescribing waste discharge requirements for the City of Manteca WQCF and allowing expansion of the plant up to 17.5 mgd.

The Manteca WQCF is an activated sludge plant with denitrification. The WQCF consists of an influent pump station, aerated grit tanks, primary sedimentation basins, fine-bubble activated sludge aeration basins, secondary clarifiers, secondary effluent equalization pond, tertiary filters, UV disinfection and effluent pumping station. Secondary effluent is land applied during the spring and summer. Tertiary filtered and UV disinfected water is discharged to the San Joaquin River during the winter.

The 2006 Wastewater Master Plan Update projected a capacity requirement of 27 mgd ADWF at buildout for the WQCF at buildout. Expansion of the WQCF to buildout would occur in multiple phases, which would increase the ADWF capacity to 17.5 mgd, then to 27 mgd. The Wastewater Master Plan projected a potential reclaimed water use of 3.28 mgd. The 2005 Urban Water Management Plan projected a reclaimed water usage of 2 mgd by 2030. All of these flows may be adjusted based on historical reductions in water usage as part of a new Wastewater Master Plan which will start in 2021 and finish in 2023.

According to the City's 2012 Wastewater Collection System Master Plan Update, Light Industrial uses are estimated to generate 1000 gallons per acre per day. The Project site includes 16.02 acres of Light Industrial. Using this rate, the proposed Light Industrial uses on the Project site would generate approximately 16,020 gallons per day (gpd) of wastewater. Accordingly, the proposed Project would increase the amount of wastewater requiring treatment. The wastewater would be treated at the WQCF. Occupancy of the proposed Project would be prohibited without sewer allocation.

The City's available capacity would ensure that there would not be a determination by the wastewater treatment and/or collection provider that there is inadequate capacity to serve the proposed Project's projected demand in addition to the provider's existing commitments. Additionally, any planned expansion to the WQCF (such as a planned expansion to a total capacity of 27 mgd) with a subsequent allocation of capacity to the proposed Project would ensure that there would not be a determination by the wastewater treatment and/or collection provider that there is inadequate capacity to serve the proposed Project's projected demand in addition to the provider's existing commitments.

As noted above, the City's 2023 General Plan designates the Project site as LI, which allows for the uses proposed by the proposed Project. Therefore, the City's 2023 General Plan anticipated the uses associated with the proposed Project on the Project site.

Because the Project applicant would pay City Public Facilities Improvement Plan (PFIP) fees to develop the site, and adequate long-term wastewater treatment capacity is available to serve full build-out of the proposed Project, a **less than significant** impact would occur related to requiring or resulting in the construction of new wastewater treatment facilities or expansion of existing

facilities, the construction of which could cause significant environmental effects. Nevertheless, to ensure consistency with the Northwest Airport Way Master Plan, the proposed Project is required to implement the following mitigation measures, which would ensure water efficiency within the Project site.

### **Storm Drainage**

Stormwater management at the project site would comply with the requirements of the City of Manteca Municipal Code. This would require the applicant to shall submit a stormwater quality control plan for the project as a whole to the City of Manteca for review and approval during improvement plan review. The plan must include a detailed drainage plan that demonstrates attainment of pre-project runoff requirements prior to release at the outlet canal and describes the volume reduction measures and treatment controls used to reach attainment. The drainage plan must identify all expected flows from the project area and the location, size, and type of facilities used to retain and treat the runoff volumes and peak flows to meet pre-project conditions.

#### *Mitigation Adopted by the City*

**Mitigation Measure PSU-3a:** *Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying a non-potable irrigation system that is separate from the potable water systems. The non-potable irrigation system shall use non-potable well water until recycled water is available, at which point it shall be converted to use recycled water.*

**Mitigation Measure PSU-3b:** *Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying that all appropriate and feasible water conservation measures are incorporated into the proposed use(s). The approved measures shall be incorporated into the final development plans. Examples of water conservation measures include but are not limited to:*

- *Drought-tolerant landscaping or xeriscaping*
- *Water efficient irrigation systems (drip irrigation, bubbler/soaker systems, hydrozones, evapotranspiration controllers, etc.)*
- *Sensor-activated low-flow fixtures (e.g., faucets, urinals, and toilets)*

**Responses d), e):** The City of Manteca Solid Waste Division (SWD) provides solid waste hauling service for the City of Manteca and would serve the proposed Project. Solid waste from Manteca is primarily landfilled at the Forward Sanitary Landfill, located northeast of Manteca. Other landfills used include Foothill Sanitary and North County.

#### *Construction Waste Generation*

Short-term construction waste generation is summarized in Table UTIL-2. The estimate of 574 tons was calculated using non-residential construction waste generation rates provided by the U.S. Environmental Protection Agency.

**Table UTIL-2: Construction Solid Waste Generation**

Activity	Waste Generation Rate	Square Feet	Waste Generation (Tons)
Construction	3.89 pounds per square foot	295,176	574

Mitigation Measure PSU-6a is proposed that would require construction debris recycling to be implemented. The implementation of this mitigation measure would reduce potential impacts to a level of less than significant.

#### *Operational Waste Generation*

Operational solid waste generation estimates were calculated using a standard commercial waste generation rate provided by Cal Recycle. As shown in Table UTIL-3, the proposed Project uses are estimated to generate 708 tons of solid waste annually.

**Table UTIL-3: Operational Solid Waste Generation (Annual)**

Waste Generation Rate	Square Feet	Waste Generation (Tons)
4.8 pounds per square foot	295,176	708

Regardless, Mitigation Measure PSU-6b is proposed that would require the installation recycling facilities prior to issuance of occupancy permits. The implementation of this mitigation measure would reduce solid waste generation and reduce demand for landfill capacity. Therefore, solid waste impacts would be reduced to a level of ***less than significant***.

#### *Landfill*

Forward Sanitary Landfill has a remaining capacity of 23,700,000 cubic yards, and has a current maximum permitted throughput of 8,668 tons per day. This landfill originally had a cease operation date in the year 2020. A 17.3-acre expansion was approved in January of 2020 inside the landfill's existing boundaries along Austin Road east of Stockton Metropolitan Airport. The lifespan of the landfill will extend from 2030 to 2036 and an additional 8.2 million cubic yards of waste will be processed on two sites, an 8.7-acre parcel in the northeast corner and an 8.6-acre parcel on the south end of the property. The City will need to secure a new location or expand existing facilities when the Forward Landfill is ultimately closed. There are several options that the City will have to consider for solid waste disposal at that time which is estimated to be 2036, including the construction of new facilities or expansion of existing facilities.

At the closure of the Forward Landfill, the City can potentially utilize the Foothill Landfill and the North County Landfill as locations for solid waste disposal. The permitted maximum disposal at the Foothill Landfill is 1,500 tons per day and the North County Landfill is 825 tons per day. The remaining capacity of these landfills include 125 million cubic yards of solid waste at the Foothill Landfill, with an estimated cease operation date of 2054, and 35.4 million cubic yards of solid waste at the North County Landfill, which has an estimated cease operation date of 2035. The addition of solid waste associated with the proposed Project to the Foothill Landfill and North County Landfill would not exceed the combined landfills' remaining capacity of 160.4 cubic yards.

The addition of solid waste associated with the proposed Project, approximately 1.9 tons per day at total buildout, to the Forward Landfill would not exceed the landfill's remaining capacity. The City will need to secure a new location of disposal of all solid waste generated in the City when the Forward landfill is ultimately closed. There are several options that the City will have to consider for solid waste disposal at that time. Because the proposed Project would increase the local waste stream, the proposed Project would subject to the City's waste connection fee.

Development of the site for industrial uses was assumed in the City's General Plan EIR. The proposed Project would not interfere with regulations related to solid waste (i.e. the State-mandated waste target of not less than 75 percent of solid waste generated be source reduced, recycled, or composted), or generate waste in excess of the capacity of local infrastructure. Implementation of the proposed Project would have a ***less than significant*** impact relative to this topic.

#### *Mitigation Adopted by the City*

***Mitigation Measure PSU-6a:*** *Prior to issuance of building permits, the Project applicant shall retain a qualified contractor to perform construction debris recycling. Following the completion of construction activities, the Project applicant shall provide documentation to the satisfaction of the City of Manteca demonstrating that construction debris was recycled.*

***Mitigation Measure PSU-6b:*** *Prior to issuance of building permits, the Project applicant shall provide information to the City of Manteca describing the methods by which recycling and waste diversion activities shall be achieved. This information shall include but is not limited to the type and location of facilities necessary to collect and store recyclable materials, contractors who would pick-up recyclable and reusable materials, and how recycling and waste diversion activities would be integrated into operational practices. To the extent feasible, centralized recycling facilities are encouraged to enhance the ease and efficiency of such practices. The approved facilities and practices shall be incorporated into the uses envisioned by the project.*



**XX. WILDFIRE**

<i>Would the project:</i>	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?			X	
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?			X	
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?			X	
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			X	

*Existing Setting*

There are no State Responsibility Areas (SRAs) within the vicinity of the Manteca Planning Area. In addition, there are no areas within the City of Manteca that are categorized as a "Very High" Fire Hazard Severity Zone (FHSZ) by CalFire or a local agency. Although this CEQA topic only applies to areas within a SRA or Very High FHSZ, out of an abundance of caution, these checklist questions are analyzed below.

*Responses to Checklist Questions*

**Response a):** The proposed circulation improvements would allow for sufficient emergency access. The Project site would provide adequate emergency vehicular access via driveway connections with adjoining roadways and an internal circulation network. All driveways and internal roadways would be designed to accommodate large emergency vehicles such as fire engines. These improvements would contribute to effective emergency response and evacuation, and they would promote efficient circulation in the project vicinity. Furthermore, the proposed Project does not propose any permanent road closures, lane reductions, or other adverse circulation conditions that may adversely affect emergency response or evacuation in the project vicinity. Furthermore, the City of Manteca does not maintain an emergency response plan or emergency evacuation plan. Therefore, impacts from project implementation would be considered *less than significant* relative to this topic.

**Response b):** The risk of wildfire is related to a variety of parameters, including fuel loading (vegetation), fire weather (winds, temperatures, humidity levels and fuel moisture contents) and topography (degree of slope). Steep slopes contribute to fire hazard by intensifying the effects of wind and making fire suppression difficult. Fuels such as grass are highly flammable because they have a high surface area to mass ratio and require less heat to reach the ignition point. San Joaquin County has areas with an abundance of flashy fuels (i.e. grassland) in the foothill areas of

the eastern and western portion of the County. The Project site is located in an area that is predominately agricultural and urban, which is not considered at a significant risk of wildfire. Therefore, impacts from project implementation would be considered *less than significant* relative to this topic.

**Response c):** Development of the proposed Project would not exacerbate fire risks, nor would there be installation or maintenance of any other infrastructure associated with the proposed Project that would significantly exacerbate fire risk or result in temporary or ongoing impacts to the environment. Therefore, impacts from project implementation would be considered *less than significant* relative to this topic.

**Response d):** Landslides include rockfalls, deep slope failure, and shallow slope failure. Factors such as the geological conditions, drainage, slope, vegetation, and others directly affect the potential for landslides. One of the most common causes of landslides is construction activity that is associated with road building (i.e. cut and fill). The Project site is relatively flat; therefore, the potential for a landslide, as a result of runoff, post-fire slope instability, or drainage changes, in the Project site is essentially non-existent.

Therefore, impacts from proposed project implementation would be considered *less than significant* relative to this topic.

**XXI. MANDATORY FINDINGS OF SIGNIFICANCE**

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporation</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
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?			X	
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)?			X	
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	

**Responses to Checklist Questions**

**Response a):** This Initial Study includes an analysis of the proposed Project impacts associated with aesthetics, agricultural and forest resources, air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation and traffic, and utilities and service systems. The analysis covers a broad spectrum of topics relative to the potential for the proposed Project to have environmental impacts. This includes the potential for the proposed Project 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, 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. It was found that the proposed Project would have either no impact, a less than significant impact, or a less than significant impact with the implementation of mitigation measures. For the reasons presented throughout this Initial Study, the proposed Project would not 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, 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. With the implementation of mitigation measures presented in this Initial Study, the proposed Project would have a *less than significant* impact relative to this topic.

**Response b):** In evaluating the cumulative effects of the proposed Project, Section 21100(e) of the *CEQA Guidelines* states that "previously approved land use documents including, but not

limited to, general plans, specific plans, and local coastal plans, may be used in cumulative impact analysis.” The City of Manteca maintains a list of ongoing commercial and industrial development.

The 2018 RTP/SCS analyzed the region’s transportation system, future growth projections, and potential funding sources in order to develop a long-term framework for transportation improvements and maintenance. The RTP includes policies and regulations set forth to ensure development within the SJCOG regional area is within planned and forecast socioeconomic projections. As part of the RTP, SJCOG developed an SCS, which was required by Senate Bill 375, the Sustainable Communities Act of 2008. The SCS is intended to combine land use and transportation planning with the overall goal of reducing greenhouse gas emissions generated by vehicle travel. According to traffic analysis described in Section XVII. Transportation, the proposed Project provides an overall benefit to reducing VMT.

Although the potential exists for the proposed Project to result in population growth through employment opportunities, the proposed Project is not expected to exceed growth projections or generate any increase in population that otherwise would not have been planned for in the City or by SJCOG.

As discussed in Section III. Air Quality, construction and operation of the proposed Project would not generate criteria pollutants in excess of the SJVAPCD emissions thresholds. Therefore, the proposed Project would not contribute significantly to cumulative impacts for any air quality pollutants for which the region is in non-attainment. As for cumulative impacts to regional air quality, the discussion in Section III. Air Quality indicates the proposed Project would not jeopardize the region’s attainment of air quality standards. The SJVAPCD uses project-level significance thresholds to determine whether a project’s emissions are cumulatively considerable. Because the proposed Project’s emissions do not exceed the SJVAPCD’s regional significance thresholds, as detailed in Section III. Air Quality, the SJVAPCD does not consider the proposed Project to contribute significantly to a cumulative air quality impact.

As detailed in Section XIII. Noise, for the cumulative conditions, a less than significant offsite noise impact from Master Plan-related vehicle traffic noise would occur along the study area roadways.

Finally, as detailed throughout Section XIX., Utilities and Service Systems, sufficient utility facilities and resources are available to serve the proposed Project in addition to existing entitlements.

### *Conclusion*

This Initial Study includes an analysis of the proposed Project impacts associated with aesthetics, agricultural and forest resources, air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation/traffic, and utilities and service systems. The analysis covers a broad spectrum of topics relative to the potential for the proposed Project to have environmental impacts. It was found that the proposed Project would have either no impact, a less than significant impact, or a less than significant impact with the implementation of mitigation measures. These mitigation measures would also function to reduce the proposed Project’s contribution to cumulative impacts.

The proposed Project would increase the population and use of public services and systems; however, it was found that there is adequate capacity to accommodate the proposed Project.

The proposed Project has no impact or a less than significant impact with respect to all environmental issues. Therefore, a *less than significant* cumulative impact would occur, and mitigation is not required.

**Responses c):** The construction phase could affect surrounding neighbors through increased air emissions, noise, and traffic; however, the construction effects are temporary and are not substantial. The operational phase could also affect surrounding neighbors through increased air emissions, noise, and traffic; however, mitigation measures have been incorporated into the proposed Project that would reduce the impacts to a less than significant level. The proposed Project would not cause substantial adverse effects on human beings. Implementation of the proposed Project would have a *less than significant* impact relative to this topic.

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## APPENDIX A: CALEEMOD RESULTS

GBxManteca - Final IS/MND (HHD Mobile Only) - San Joaquin County, Annual

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

**GBxManteca - Final IS/MND (HHD Mobile Only)**

**San Joaquin County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	25.00	1000sqft	0.57	25,000.00	0
Refrigerated Warehouse-No Rail	20.00	1000sqft	0.46	20,000.00	0
Unrefrigerated Warehouse-No Rail	250.18	1000sqft	5.74	250,176.00	0
Parking Lot	9.25	Acre	9.25	402,930.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.7	<b>Precipitation Freq (Days)</b>	51
<b>Climate Zone</b>	2			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - Total gross lot size = 16.02 acres. 295,176 sf industrial building (unrefrigerated warehouse). Based on gross lot size, assumes 9.25 acres of parking lot.

Construction Phase - Construction Phase - HHD Mobile Run Only

Off-road Equipment -

Off-road Equipment -

Demolition - HHD Mobile Run Only

Grading -

Architectural Coating - HHD Mobile Run Only

GBxManteca - Final IS/MND (HHD Mobile Only) - San Joaquin County, Annual

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

Vehicle Trips - 132 total daily HHD vehicle trips, per Fehr & Peers (HHD Run only).

Area Coating - HHD Mobile Run Only

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation - HHD Mobile Run Only

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - HHD Mobile Run Only

Operational Off-Road Equipment -

Fleet Mix - HHD Mobile Run Only

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	150	0
tblAreaCoating	Area_EF_Residential_Interior	150	0
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	5
tblConstructionPhase	NumDays	10.00	1.00
tblFleetMix	HHD	0.02	1.00
tblFleetMix	LDA	0.53	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.3850e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MH	3.7070e-003	0.00
tblFleetMix	MHD	0.01	0.00

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tblFleetMix	OBUS	4.7900e-004	0.00
tblFleetMix	SBUS	1.1350e-003	0.00
tblFleetMix	UBUS	3.2900e-004	0.00
tblLandUse	LandUseSquareFeet	250,180.00	250,176.00
tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	50.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	0.53
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	2.12	0.00
tblVehicleTrips	SU_TR	1.74	0.53
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	0.53

**2.0 Emissions Summary**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	9-30-2022	0.0234	0.0234
		Highest	0.0234	0.0234

**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	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Energy	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	279.0563	279.0563	0.0304	5.3400e-003	281.4065
Mobile	0.0868	6.8033	0.9791	0.0343	1.0229	0.0700	1.0928	0.2812	0.0670	0.3481	0.0000	3,299.7717	3,299.7717	0.0178	0.5190	3,454.8786
Waste						0.0000	0.0000		0.0000	0.0000	56.2732	0.0000	56.2732	3.3257	0.0000	139.4144
Water						0.0000	0.0000		0.0000	0.0000	21.2314	34.3864	55.6178	2.1862	0.0522	125.8187
<b>Total</b>	<b>1.3361</b>	<b>6.8986</b>	<b>1.0619</b>	<b>0.0349</b>	<b>1.0229</b>	<b>0.0772</b>	<b>1.1001</b>	<b>0.2812</b>	<b>0.0742</b>	<b>0.3554</b>	<b>77.5046</b>	<b>3,613.2198</b>	<b>3,690.7244</b>	<b>5.5600</b>	<b>0.5765</b>	<b>4,001.5239</b>

GBxManteca - Final IS/MND (HHD Mobile Only) - San Joaquin County, Annual

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Energy	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	279.0563	279.0563	0.0304	5.3400e-003	281.4065
Mobile	0.0868	6.8033	0.9791	0.0343	1.0229	0.0700	1.0928	0.2812	0.0670	0.3481	0.0000	3,299.7717	3,299.7717	0.0178	0.5190	3,454.8786
Waste						0.0000	0.0000		0.0000	0.0000	56.2732	0.0000	56.2732	3.3257	0.0000	139.4144
Water						0.0000	0.0000		0.0000	0.0000	16.9851	27.6317	44.6168	1.7490	0.0417	100.7787
<b>Total</b>	<b>1.3361</b>	<b>6.8986</b>	<b>1.0619</b>	<b>0.0349</b>	<b>1.0229</b>	<b>0.0772</b>	<b>1.1001</b>	<b>0.2812</b>	<b>0.0742</b>	<b>0.3554</b>	<b>73.2583</b>	<b>3,606.4652</b>	<b>3,679.7234</b>	<b>5.1228</b>	<b>0.5661</b>	<b>3,976.4840</b>

	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
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.48</b>	<b>0.19</b>	<b>0.30</b>	<b>7.86</b>	<b>1.81</b>	<b>0.63</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2022	9/1/2022	5	1	

**Acres of Grading (Site Preparation Phase): 1.5**

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**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 9.25**

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

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Concrete/Industrial Saws	0		81	0.73
Site Preparation	Excavators	0		158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	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
Site Preparation	10	25.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	10	25.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads



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**3.2 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					9.8300e-003	0.0000	9.8300e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8400e-003	0.0297	0.0152	3.0000e-005		1.4300e-003	1.4300e-003		1.3200e-003	1.3200e-003	0.0000	2.7974	2.7974	9.0000e-004	0.0000	2.8200
<b>Total</b>	<b>2.8400e-003</b>	<b>0.0297</b>	<b>0.0152</b>	<b>3.0000e-005</b>	<b>9.8300e-003</b>	<b>1.4300e-003</b>	<b>0.0113</b>	<b>5.0500e-003</b>	<b>1.3200e-003</b>	<b>6.3700e-003</b>	<b>0.0000</b>	<b>2.7974</b>	<b>2.7974</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>2.8200</b>

**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	8.0000e-005	6.0000e-005	6.2000e-004	0.0000	3.7000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.1617	0.1617	1.0000e-005	0.0000	0.1633
<b>Total</b>	<b>8.0000e-005</b>	<b>6.0000e-005</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>3.7000e-004</b>	<b>0.0000</b>	<b>3.7000e-004</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.1617</b>	<b>0.1617</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1633</b>

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**3.2 Site Preparation - 2022**

**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					4.4200e-003	0.0000	4.4200e-003	2.2700e-003	0.0000	2.2700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8400e-003	0.0297	0.0152	3.0000e-005		1.4300e-003	1.4300e-003		1.3200e-003	1.3200e-003	0.0000	2.7974	2.7974	9.0000e-004	0.0000	2.8200
<b>Total</b>	<b>2.8400e-003</b>	<b>0.0297</b>	<b>0.0152</b>	<b>3.0000e-005</b>	<b>4.4200e-003</b>	<b>1.4300e-003</b>	<b>5.8500e-003</b>	<b>2.2700e-003</b>	<b>1.3200e-003</b>	<b>3.5900e-003</b>	<b>0.0000</b>	<b>2.7974</b>	<b>2.7974</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>2.8200</b>

**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	8.0000e-005	6.0000e-005	6.2000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.1617	0.1617	1.0000e-005	0.0000	0.1633
<b>Total</b>	<b>8.0000e-005</b>	<b>6.0000e-005</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>3.4000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.1617</b>	<b>0.1617</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.1633</b>

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0868	6.8033	0.9791	0.0343	1.0229	0.0700	1.0928	0.2812	0.0670	0.3481	0.0000	3,299.7717	3,299.7717	0.0178	0.5190	3,454.8786
Unmitigated	0.0868	6.8033	0.9791	0.0343	1.0229	0.0700	1.0928	0.2812	0.0670	0.3481	0.0000	3,299.7717	3,299.7717	0.0178	0.5190	3,454.8786

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	132.00	132.00	132.00	2,402,438	2,402,438
<b>Total</b>	<b>132.00</b>	<b>132.00</b>	<b>132.00</b>	<b>2,402,438</b>	<b>2,402,438</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

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Land Use	Miles			Trip %			Trip Purpose %		
	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
Unrefrigerated Warehouse-No	0.00	0.00	50.00	0.00	0.00	100.00	100	0	0

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Parking Lot	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Refrigerated Warehouse-No Rail	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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	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	175.3350	175.3350	0.0284	3.4400e-003	177.0687
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	175.3350	175.3350	0.0284	3.4400e-003	177.0687
NaturalGas Mitigated	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	103.7214	103.7214	1.9900e-003	1.9000e-003	104.3377
NaturalGas Unmitigated	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	103.7214	103.7214	1.9900e-003	1.9000e-003	104.3377

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

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	407500	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7458	21.7458	4.2000e-004	4.0000e-004	21.8750
Parking Lot	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
Refrigerated Warehouse-No Rail	22600	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2060	1.2060	2.0000e-005	2.0000e-005	1.2132
Unrefrigerated Warehouse-No Rail	1.51356e+006	8.1600e-003	0.0742	0.0623	4.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	80.7696	80.7696	1.5500e-003	1.4800e-003	81.2496
<b>Total</b>		<b>0.0105</b>	<b>0.0953</b>	<b>0.0800</b>	<b>5.8000e-004</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>	<b>0.0000</b>	<b>103.7214</b>	<b>103.7214</b>	<b>1.9900e-003</b>	<b>1.9000e-003</b>	<b>104.3377</b>

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	407500	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7458	21.7458	4.2000e-004	4.0000e-004	21.8750
Parking Lot	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
Refrigerated Warehouse-No Rail	22600	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2060	1.2060	2.0000e-005	2.0000e-005	1.2132
Unrefrigerated Warehouse-No Rail	1.51356e+006	8.1600e-003	0.0742	0.0623	4.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	80.7696	80.7696	1.5500e-003	1.4800e-003	81.2496
<b>Total</b>		<b>0.0105</b>	<b>0.0953</b>	<b>0.0800</b>	<b>5.8000e-004</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>	<b>0.0000</b>	<b>103.7214</b>	<b>103.7214</b>	<b>1.9900e-003</b>	<b>1.9000e-003</b>	<b>104.3377</b>

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

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	241500	22.3445	3.6100e-003	4.4000e-004	22.5654
Parking Lot	141026	13.0482	2.1100e-003	2.6000e-004	13.1772
Refrigerated Warehouse-No Rail	374200	34.6224	5.6000e-003	6.8000e-004	34.9648
Unrefrigerated Warehouse-No Rail	1.1383e+006	105.3199	0.0170	2.0700e-003	106.3613
<b>Total</b>		<b>175.3350</b>	<b>0.0284</b>	<b>3.4500e-003</b>	<b>177.0687</b>



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

**5.3 Energy by Land Use - Electricity**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	241500	22.3445	3.6100e-003	4.4000e-004	22.5654
Parking Lot	141026	13.0482	2.1100e-003	2.6000e-004	13.1772
Refrigerated Warehouse-No Rail	374200	34.6224	5.6000e-003	6.8000e-004	34.9648
Unrefrigerated Warehouse-No Rail	1.1383e+006	105.3199	0.0170	2.0700e-003	106.3613
<b>Total</b>		<b>175.3350</b>	<b>0.0284</b>	<b>3.4500e-003</b>	<b>177.0687</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Unmitigated	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003

**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	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1789					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
<b>Total</b>	<b>1.2388</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.4400e-003</b>	<b>5.4400e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.8000e-003</b>

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**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	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1789					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
<b>Total</b>	<b>1.2388</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.4400e-003</b>	<b>5.4400e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.8000e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	44.6168	1.7490	0.0417	100.7787
Unmitigated	55.6178	2.1862	0.0522	125.8187

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.44334 / 2.72334	4.5161	0.1453	3.4800e-003	9.1853
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	4.625 / 0	3.7828	0.1511	3.6000e-003	8.6338
Unrefrigerated Warehouse-No Rail	57.8541 / 0	47.3189	1.8899	0.0451	107.9996
<b>Total</b>		<b>55.6178</b>	<b>2.1862</b>	<b>0.0522</b>	<b>125.8187</b>

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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.55467 / 2.55722	3.7355	0.1163	2.7900e-003	7.4720
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	3.7 / 0	3.0262	0.1209	2.8800e-003	6.9070
Unrefrigerated Warehouse-No Rail	46.2833 / 0	37.8551	1.5119	0.0361	86.3997
<b>Total</b>		<b>44.6168</b>	<b>1.7490</b>	<b>0.0417</b>	<b>100.7787</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	56.2732	3.3257	0.0000	139.4144
Unmitigated	56.2732	3.3257	0.0000	139.4144

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	18.8	3.8162	0.2255	0.0000	9.4546
Unrefrigerated Warehouse-No Rail	235.17	47.7374	2.8212	0.0000	118.2674
<b>Total</b>		<b>56.2732</b>	<b>3.3257</b>	<b>0.0000</b>	<b>139.4144</b>

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	18.8	3.8162	0.2255	0.0000	9.4546
Unrefrigerated Warehouse-No Rail	235.17	47.7374	2.8212	0.0000	118.2674
<b>Total</b>		<b>56.2732</b>	<b>3.3257</b>	<b>0.0000</b>	<b>139.4144</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

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

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

Equipment Type	Number
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**11.0 Vegetation**

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

**GBxManteca - Final IS/MND (Excludes HHD Mobile)**

**San Joaquin County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	25.00	1000sqft	0.57	25,000.00	0
Refrigerated Warehouse-No Rail	20.00	1000sqft	0.46	20,000.00	0
Unrefrigerated Warehouse-No Rail	250.18	1000sqft	5.74	250,176.00	0
Parking Lot	9.25	Acre	9.25	402,930.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.7	<b>Precipitation Freq (Days)</b>	51
<b>Climate Zone</b>	2			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use - Total gross lot size = 16.02 acres. 295,176 sf industrial building (unrefrigerated warehouse). Based on gross lot size, assumes 9.25 acres of parking lot.

Construction Phase - Construction schedule as provided by project applicant. Site prepare reduced due to site conditions requiring little to no veg or debris removal. Site is flat.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

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

Demolition - City applicant estimated 1,776 CY tons of concrete debris to be removed during demolition phase, which is approximately 3,476.52 tons. Density of concrete is assumed to be 145 lb/ft<sup>3</sup>.

Grading - Site will not require import/export, balanced on site.

Architectural Coating - This project does not contain interior coatings (see email dated January 4, 2022 from Vickey Seidler of Ryan Companies).

Vehicle Trips - 530 total daily non-HHD vehicle trips, per Fehr & Peers (traffic consultant).

Area Coating - No interior coatings for this project.

Land Use Change -

Sequestration -

Construction Off-road Equipment Mitigation - Construction Mitigation per SJVACPD requirements/rules for dust prohibition. 10% PM reduction for soil stabilizer for unpaved roads. Water exposed areas 2x/day. Max unpaved vehicle speed = 5 mph. Clean paved Road PM reduction 9%

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation - Indoor water use fixtures mitigated to be equivalent to existing Title 24 energy efficiency requirements. Project also uses water-efficient irrigation systems (consistent with current Title 24 requirements).

Operational Off-Road Equipment -

Fleet Mix - \

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	150	0
tblAreaCoating	Area_EF_Residential_Interior	150	0
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	5
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	300.00	200.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	10.00
tblLandUse	LandUseSquareFeet	250,180.00	250,176.00

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

tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	2.12
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	2.12	0.00
tblVehicleTrips	SU_TR	1.74	2.12
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	2.12

**2.0 Emissions Summary**

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

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1382	1.2758	1.1196	2.8500e-003	0.2569	0.0536	0.3105	0.0886	0.0499	0.1385	0.0000	256.0936	256.0936	0.0441	0.0110	260.4584
2023	2.3598	1.6207	2.0384	5.7000e-003	0.2716	0.0613	0.3329	0.0732	0.0577	0.1310	0.0000	517.9728	517.9728	0.0516	0.0300	528.2093
<b>Maximum</b>	<b>2.3598</b>	<b>1.6207</b>	<b>2.0384</b>	<b>5.7000e-003</b>	<b>0.2716</b>	<b>0.0613</b>	<b>0.3329</b>	<b>0.0886</b>	<b>0.0577</b>	<b>0.1385</b>	<b>0.0000</b>	<b>517.9728</b>	<b>517.9728</b>	<b>0.0516</b>	<b>0.0300</b>	<b>528.2093</b>

**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	0.1382	1.2758	1.1196	2.8500e-003	0.1527	0.0536	0.2062	0.0501	0.0499	0.0999	0.0000	256.0934	256.0934	0.0441	0.0110	260.4582
2023	2.3598	1.6207	2.0384	5.7000e-003	0.2511	0.0613	0.3124	0.0682	0.0577	0.1259	0.0000	517.9726	517.9726	0.0516	0.0300	528.2091
<b>Maximum</b>	<b>2.3598</b>	<b>1.6207</b>	<b>2.0384</b>	<b>5.7000e-003</b>	<b>0.2511</b>	<b>0.0613</b>	<b>0.3124</b>	<b>0.0682</b>	<b>0.0577</b>	<b>0.1259</b>	<b>0.0000</b>	<b>517.9726</b>	<b>517.9726</b>	<b>0.0516</b>	<b>0.0300</b>	<b>528.2091</b>

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	23.60	0.00	19.39	26.93	0.00	16.18	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	9-1-2022	11-30-2022	1.1400	1.1400
2	12-1-2022	2-28-2023	0.7631	0.7631
3	3-1-2023	5-31-2023	1.0113	1.0113
4	6-1-2023	8-31-2023	2.4854	2.4854
		Highest	2.4854	2.4854

**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	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Energy	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	279.0563	279.0563	0.0304	5.3400e-003	281.4065
Mobile	0.2662	0.4282	2.5578	5.8900e-003	0.5770	4.8600e-003	0.5818	0.1543	4.5500e-003	0.1588	0.0000	544.6784	544.6784	0.0303	0.0288	554.0064
Waste						0.0000	0.0000		0.0000	0.0000	56.2732	0.0000	56.2732	3.3257	0.0000	139.4144
Water						0.0000	0.0000		0.0000	0.0000	21.2314	34.3864	55.6178	2.1862	0.0522	125.8187
<b>Total</b>	<b>1.5155</b>	<b>0.5235</b>	<b>2.6407</b>	<b>6.4600e-003</b>	<b>0.5770</b>	<b>0.0121</b>	<b>0.5891</b>	<b>0.1543</b>	<b>0.0118</b>	<b>0.1661</b>	<b>77.5046</b>	<b>858.1265</b>	<b>935.6311</b>	<b>5.5725</b>	<b>0.0863</b>	<b>1,100.6517</b>

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

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Energy	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	279.0563	279.0563	0.0304	5.3400e-003	281.4065
Mobile	0.2662	0.4282	2.5578	5.8900e-003	0.5770	4.8600e-003	0.5818	0.1543	4.5500e-003	0.1588	0.0000	544.6784	544.6784	0.0303	0.0288	554.0064
Waste						0.0000	0.0000		0.0000	0.0000	56.2732	0.0000	56.2732	3.3257	0.0000	139.4144
Water						0.0000	0.0000		0.0000	0.0000	16.9851	27.6317	44.6168	1.7490	0.0417	100.7787
<b>Total</b>	<b>1.5155</b>	<b>0.5235</b>	<b>2.6407</b>	<b>6.4600e-003</b>	<b>0.5770</b>	<b>0.0121</b>	<b>0.5891</b>	<b>0.1543</b>	<b>0.0118</b>	<b>0.1661</b>	<b>73.2583</b>	<b>851.3718</b>	<b>924.6301</b>	<b>5.1353</b>	<b>0.0758</b>	<b>1,075.6118</b>

	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
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.48</b>	<b>0.79</b>	<b>1.18</b>	<b>7.85</b>	<b>12.09</b>	<b>2.28</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/1/2022	9/7/2022	5	5	
2	Demolition	Demolition	9/8/2022	9/28/2022	5	15	
3	Grading	Grading	9/30/2022	10/27/2022	5	20	

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

4	Building Construction	Building Construction	10/28/2022	8/3/2023	5	200
5	Architectural Coating	Architectural Coating	5/25/2023	7/19/2023	5	40
6	Paving	Paving	7/25/2023	8/7/2023	5	10

**Acres of Grading (Site Preparation Phase): 7.5**

**Acres of Grading (Grading Phase): 60**

**Acres of Paving: 9.25**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 442,764; Non-Residential Outdoor: 147,588; Striped Parking Area: 24,176 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Concrete/Industrial Saws	0		81	0.73
Site Preparation	Excavators	0		158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
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
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37

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Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Pavers	0		130	0.42
Architectural Coating	Paving Equipment	0		132	0.36
Architectural Coating	Rollers	0		80	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	10	25.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	10	25.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	344.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	291.00	114.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	58.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	58.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads



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

**3.2 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					0.0491	0.0000	0.0491	0.0253	0.0000	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.1487	0.0761	1.6000e-004		7.1600e-003	7.1600e-003		6.5900e-003	6.5900e-003	0.0000	13.9869	13.9869	4.5200e-003	0.0000	14.1000
<b>Total</b>	<b>0.0142</b>	<b>0.1487</b>	<b>0.0761</b>	<b>1.6000e-004</b>	<b>0.0491</b>	<b>7.1600e-003</b>	<b>0.0563</b>	<b>0.0253</b>	<b>6.5900e-003</b>	<b>0.0319</b>	<b>0.0000</b>	<b>13.9869</b>	<b>13.9869</b>	<b>4.5200e-003</b>	<b>0.0000</b>	<b>14.1000</b>

**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	4.0000e-004	2.8000e-004	3.1100e-003	1.0000e-005	1.8600e-003	1.0000e-005	1.8600e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.8085	0.8085	3.0000e-005	2.0000e-005	0.8164
<b>Total</b>	<b>4.0000e-004</b>	<b>2.8000e-004</b>	<b>3.1100e-003</b>	<b>1.0000e-005</b>	<b>1.8600e-003</b>	<b>1.0000e-005</b>	<b>1.8600e-003</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>4.8000e-004</b>	<b>0.0000</b>	<b>0.8085</b>	<b>0.8085</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>0.8164</b>

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

**3.2 Site Preparation - 2022**

**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					0.0221	0.0000	0.0221	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.1487	0.0761	1.6000e-004		7.1600e-003	7.1600e-003		6.5900e-003	6.5900e-003	0.0000	13.9869	13.9869	4.5200e-003	0.0000	14.1000
<b>Total</b>	<b>0.0142</b>	<b>0.1487</b>	<b>0.0761</b>	<b>1.6000e-004</b>	<b>0.0221</b>	<b>7.1600e-003</b>	<b>0.0293</b>	<b>0.0114</b>	<b>6.5900e-003</b>	<b>0.0180</b>	<b>0.0000</b>	<b>13.9869</b>	<b>13.9869</b>	<b>4.5200e-003</b>	<b>0.0000</b>	<b>14.1000</b>

**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	4.0000e-004	2.8000e-004	3.1100e-003	1.0000e-005	1.7000e-003	1.0000e-005	1.7100e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.8085	0.8085	3.0000e-005	2.0000e-005	0.8164
<b>Total</b>	<b>4.0000e-004</b>	<b>2.8000e-004</b>	<b>3.1100e-003</b>	<b>1.0000e-005</b>	<b>1.7000e-003</b>	<b>1.0000e-005</b>	<b>1.7100e-003</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>0.8085</b>	<b>0.8085</b>	<b>3.0000e-005</b>	<b>2.0000e-005</b>	<b>0.8164</b>

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

**3.3 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					
Fugitive Dust					0.0378	0.0000	0.0378	5.7200e-003	0.0000	5.7200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4927	25.4927	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0378</b>	<b>9.3200e-003</b>	<b>0.0471</b>	<b>5.7200e-003</b>	<b>8.6600e-003</b>	<b>0.0144</b>	<b>0.0000</b>	<b>25.4927</b>	<b>25.4927</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</b>

**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	6.6000e-004	0.0264	4.9900e-003	1.1000e-004	2.9300e-003	2.7000e-004	3.2000e-003	8.1000e-004	2.5000e-004	1.0600e-003	0.0000	10.1737	10.1737	7.0000e-005	1.6000e-003	10.6523
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	3.6000e-004	2.5000e-004	2.8000e-003	1.0000e-005	9.0000e-004	0.0000	9.0000e-004	2.4000e-004	0.0000	2.4000e-004	0.0000	0.7276	0.7276	2.0000e-005	2.0000e-005	0.7348
<b>Total</b>	<b>1.0200e-003</b>	<b>0.0267</b>	<b>7.7900e-003</b>	<b>1.2000e-004</b>	<b>3.8300e-003</b>	<b>2.7000e-004</b>	<b>4.1000e-003</b>	<b>1.0500e-003</b>	<b>2.5000e-004</b>	<b>1.3000e-003</b>	<b>0.0000</b>	<b>10.9013</b>	<b>10.9013</b>	<b>9.0000e-005</b>	<b>1.6200e-003</b>	<b>11.3871</b>

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

**3.3 Demolition - 2022**

**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					0.0170	0.0000	0.0170	2.5700e-003	0.0000	2.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.1929	0.1545	2.9000e-004		9.3200e-003	9.3200e-003		8.6600e-003	8.6600e-003	0.0000	25.4926	25.4926	7.1600e-003	0.0000	25.6717
<b>Total</b>	<b>0.0198</b>	<b>0.1929</b>	<b>0.1545</b>	<b>2.9000e-004</b>	<b>0.0170</b>	<b>9.3200e-003</b>	<b>0.0263</b>	<b>2.5700e-003</b>	<b>8.6600e-003</b>	<b>0.0112</b>	<b>0.0000</b>	<b>25.4926</b>	<b>25.4926</b>	<b>7.1600e-003</b>	<b>0.0000</b>	<b>25.6717</b>

**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	6.6000e-004	0.0264	4.9900e-003	1.1000e-004	2.7400e-003	2.7000e-004	3.0000e-003	7.6000e-004	2.5000e-004	1.0100e-003	0.0000	10.1737	10.1737	7.0000e-005	1.6000e-003	10.6523
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	3.6000e-004	2.5000e-004	2.8000e-003	1.0000e-005	8.3000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.3000e-004	0.0000	0.7276	0.7276	2.0000e-005	2.0000e-005	0.7348
<b>Total</b>	<b>1.0200e-003</b>	<b>0.0267</b>	<b>7.7900e-003</b>	<b>1.2000e-004</b>	<b>3.5700e-003</b>	<b>2.7000e-004</b>	<b>3.8300e-003</b>	<b>9.8000e-004</b>	<b>2.5000e-004</b>	<b>1.2400e-003</b>	<b>0.0000</b>	<b>10.9013</b>	<b>10.9013</b>	<b>9.0000e-005</b>	<b>1.6200e-003</b>	<b>11.3871</b>

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

**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					0.0920	0.0000	0.0920	0.0365	0.0000	0.0365	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0363	0.3884	0.2904	6.2000e-004		0.0164	0.0164		0.0150	0.0150	0.0000	54.5346	54.5346	0.0176	0.0000	54.9755
<b>Total</b>	<b>0.0363</b>	<b>0.3884</b>	<b>0.2904</b>	<b>6.2000e-004</b>	<b>0.0920</b>	<b>0.0164</b>	<b>0.1084</b>	<b>0.0365</b>	<b>0.0150</b>	<b>0.0516</b>	<b>0.0000</b>	<b>54.5346</b>	<b>54.5346</b>	<b>0.0176</b>	<b>0.0000</b>	<b>54.9755</b>

**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	6.3000e-004	4.4000e-004	4.9800e-003	1.0000e-005	1.5900e-003	1.0000e-005	1.6000e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2936	1.2936	4.0000e-005	4.0000e-005	1.3063
<b>Total</b>	<b>6.3000e-004</b>	<b>4.4000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>1.5900e-003</b>	<b>1.0000e-005</b>	<b>1.6000e-003</b>	<b>4.2000e-004</b>	<b>1.0000e-005</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>1.2936</b>	<b>1.2936</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>1.3063</b>

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

**3.4 Grading - 2022**

**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					0.0414	0.0000	0.0414	0.0164	0.0000	0.0164	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0363	0.3884	0.2904	6.2000e-004		0.0164	0.0164		0.0150	0.0150	0.0000	54.5345	54.5345	0.0176	0.0000	54.9755
<b>Total</b>	<b>0.0363</b>	<b>0.3884</b>	<b>0.2904</b>	<b>6.2000e-004</b>	<b>0.0414</b>	<b>0.0164</b>	<b>0.0578</b>	<b>0.0164</b>	<b>0.0150</b>	<b>0.0315</b>	<b>0.0000</b>	<b>54.5345</b>	<b>54.5345</b>	<b>0.0176</b>	<b>0.0000</b>	<b>54.9755</b>

**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	6.3000e-004	4.4000e-004	4.9800e-003	1.0000e-005	1.4700e-003	1.0000e-005	1.4800e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2936	1.2936	4.0000e-005	4.0000e-005	1.3063
<b>Total</b>	<b>6.3000e-004</b>	<b>4.4000e-004</b>	<b>4.9800e-003</b>	<b>1.0000e-005</b>	<b>1.4700e-003</b>	<b>1.0000e-005</b>	<b>1.4800e-003</b>	<b>3.9000e-004</b>	<b>1.0000e-005</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>1.2936</b>	<b>1.2936</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>1.3063</b>

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

**3.5 Building Construction - 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	0.0392	0.3592	0.3764	6.2000e-004		0.0186	0.0186		0.0175	0.0175	0.0000	53.2968	53.2968	0.0128	0.0000	53.6160
<b>Total</b>	<b>0.0392</b>	<b>0.3592</b>	<b>0.3764</b>	<b>6.2000e-004</b>		<b>0.0186</b>	<b>0.0186</b>		<b>0.0175</b>	<b>0.0175</b>	<b>0.0000</b>	<b>53.2968</b>	<b>53.2968</b>	<b>0.0128</b>	<b>0.0000</b>	<b>53.6160</b>

**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	5.5300e-003	0.1446	0.0399	5.5000e-004	0.0173	1.5900e-003	0.0189	5.0100e-003	1.5200e-003	6.5300e-003	0.0000	52.4907	52.4907	3.7000e-004	7.9500e-003	54.8706
Worker	0.0212	0.0148	0.1665	4.7000e-004	0.0533	2.8000e-004	0.0536	0.0142	2.6000e-004	0.0144	0.0000	43.2886	43.2886	1.4300e-003	1.3100e-003	43.7148
<b>Total</b>	<b>0.0267</b>	<b>0.1593</b>	<b>0.2064</b>	<b>1.0200e-003</b>	<b>0.0706</b>	<b>1.8700e-003</b>	<b>0.0725</b>	<b>0.0192</b>	<b>1.7800e-003</b>	<b>0.0210</b>	<b>0.0000</b>	<b>95.7793</b>	<b>95.7793</b>	<b>1.8000e-003</b>	<b>9.2600e-003</b>	<b>98.5854</b>

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

**3.5 Building Construction - 2022**

**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	0.0392	0.3592	0.3764	6.2000e-004		0.0186	0.0186		0.0175	0.0175	0.0000	53.2967	53.2967	0.0128	0.0000	53.6160
<b>Total</b>	<b>0.0392</b>	<b>0.3592</b>	<b>0.3764</b>	<b>6.2000e-004</b>		<b>0.0186</b>	<b>0.0186</b>		<b>0.0175</b>	<b>0.0175</b>	<b>0.0000</b>	<b>53.2967</b>	<b>53.2967</b>	<b>0.0128</b>	<b>0.0000</b>	<b>53.6160</b>

**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	5.5300e-003	0.1446	0.0399	5.5000e-004	0.0162	1.5900e-003	0.0178	4.7400e-003	1.5200e-003	6.2600e-003	0.0000	52.4907	52.4907	3.7000e-004	7.9500e-003	54.8706
Worker	0.0212	0.0148	0.1665	4.7000e-004	0.0492	2.8000e-004	0.0494	0.0132	2.6000e-004	0.0134	0.0000	43.2886	43.2886	1.4300e-003	1.3100e-003	43.7148
<b>Total</b>	<b>0.0267</b>	<b>0.1593</b>	<b>0.2064</b>	<b>1.0200e-003</b>	<b>0.0654</b>	<b>1.8700e-003</b>	<b>0.0673</b>	<b>0.0179</b>	<b>1.7800e-003</b>	<b>0.0197</b>	<b>0.0000</b>	<b>95.7793</b>	<b>95.7793</b>	<b>1.8000e-003</b>	<b>9.2600e-003</b>	<b>98.5854</b>



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

**3.5 Building Construction - 2023**

**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	0.1211	1.1076	1.2508	2.0700e-003		0.0539	0.0539		0.0507	0.0507	0.0000	178.4897	178.4897	0.0425	0.0000	179.5512
<b>Total</b>	<b>0.1211</b>	<b>1.1076</b>	<b>1.2508</b>	<b>2.0700e-003</b>		<b>0.0539</b>	<b>0.0539</b>		<b>0.0507</b>	<b>0.0507</b>	<b>0.0000</b>	<b>178.4897</b>	<b>178.4897</b>	<b>0.0425</b>	<b>0.0000</b>	<b>179.5512</b>

**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	9.2600e-003	0.3884	0.1143	1.7600e-003	0.0580	2.4800e-003	0.0605	0.0168	2.3800e-003	0.0191	0.0000	169.1254	169.1254	8.3000e-004	0.0256	176.7656
Worker	0.0651	0.0431	0.5097	1.5300e-003	0.1785	8.8000e-004	0.1794	0.0475	8.1000e-004	0.0483	0.0000	140.2473	140.2473	4.2700e-003	4.0300e-003	141.5539
<b>Total</b>	<b>0.0743</b>	<b>0.4314</b>	<b>0.6240</b>	<b>3.2900e-003</b>	<b>0.2365</b>	<b>3.3600e-003</b>	<b>0.2399</b>	<b>0.0642</b>	<b>3.1900e-003</b>	<b>0.0674</b>	<b>0.0000</b>	<b>309.3727</b>	<b>309.3727</b>	<b>5.1000e-003</b>	<b>0.0296</b>	<b>318.3195</b>

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

**3.5 Building Construction - 2023**

**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	0.1211	1.1076	1.2508	2.0700e-003		0.0539	0.0539		0.0507	0.0507	0.0000	178.4894	178.4894	0.0425	0.0000	179.5509
<b>Total</b>	<b>0.1211</b>	<b>1.1076</b>	<b>1.2508</b>	<b>2.0700e-003</b>		<b>0.0539</b>	<b>0.0539</b>		<b>0.0507</b>	<b>0.0507</b>	<b>0.0000</b>	<b>178.4894</b>	<b>178.4894</b>	<b>0.0425</b>	<b>0.0000</b>	<b>179.5509</b>

**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	9.2600e-003	0.3884	0.1143	1.7600e-003	0.0543	2.4800e-003	0.0568	0.0159	2.3800e-003	0.0182	0.0000	169.1254	169.1254	8.3000e-004	0.0256	176.7656
Worker	0.0651	0.0431	0.5097	1.5300e-003	0.1646	8.8000e-004	0.1655	0.0440	8.1000e-004	0.0449	0.0000	140.2473	140.2473	4.2700e-003	4.0300e-003	141.5539
<b>Total</b>	<b>0.0743</b>	<b>0.4314</b>	<b>0.6240</b>	<b>3.2900e-003</b>	<b>0.2189</b>	<b>3.3600e-003</b>	<b>0.2223</b>	<b>0.0599</b>	<b>3.1900e-003</b>	<b>0.0631</b>	<b>0.0000</b>	<b>309.3727</b>	<b>309.3727</b>	<b>5.1000e-003</b>	<b>0.0296</b>	<b>318.3195</b>

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

**3.6 Architectural Coating - 2023**

**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					
Archit. Coating	2.1363					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0261	0.0362	6.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	5.1065	5.1065	3.1000e-004	0.0000	5.1142
<b>Total</b>	<b>2.1401</b>	<b>0.0261</b>	<b>0.0362</b>	<b>6.0000e-005</b>		<b>1.4200e-003</b>	<b>1.4200e-003</b>		<b>1.4200e-003</b>	<b>1.4200e-003</b>	<b>0.0000</b>	<b>5.1065</b>	<b>5.1065</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>5.1142</b>

**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	6.7400e-003	4.4600e-003	0.0528	1.6000e-004	0.0345	9.0000e-005	0.0346	8.8400e-003	8.0000e-005	8.9200e-003	0.0000	14.5211	14.5211	4.4000e-004	4.2000e-004	14.6564
<b>Total</b>	<b>6.7400e-003</b>	<b>4.4600e-003</b>	<b>0.0528</b>	<b>1.6000e-004</b>	<b>0.0345</b>	<b>9.0000e-005</b>	<b>0.0346</b>	<b>8.8400e-003</b>	<b>8.0000e-005</b>	<b>8.9200e-003</b>	<b>0.0000</b>	<b>14.5211</b>	<b>14.5211</b>	<b>4.4000e-004</b>	<b>4.2000e-004</b>	<b>14.6564</b>

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

**3.6 Architectural Coating - 2023**

**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					
Archit. Coating	2.1363					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8300e-003	0.0261	0.0362	6.0000e-005		1.4200e-003	1.4200e-003		1.4200e-003	1.4200e-003	0.0000	5.1065	5.1065	3.1000e-004	0.0000	5.1141
<b>Total</b>	<b>2.1401</b>	<b>0.0261</b>	<b>0.0362</b>	<b>6.0000e-005</b>		<b>1.4200e-003</b>	<b>1.4200e-003</b>		<b>1.4200e-003</b>	<b>1.4200e-003</b>	<b>0.0000</b>	<b>5.1065</b>	<b>5.1065</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>5.1141</b>

**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	6.7400e-003	4.4600e-003	0.0528	1.6000e-004	0.0316	9.0000e-005	0.0317	8.1300e-003	8.0000e-005	8.2100e-003	0.0000	14.5211	14.5211	4.4000e-004	4.2000e-004	14.6564
<b>Total</b>	<b>6.7400e-003</b>	<b>4.4600e-003</b>	<b>0.0528</b>	<b>1.6000e-004</b>	<b>0.0316</b>	<b>9.0000e-005</b>	<b>0.0317</b>	<b>8.1300e-003</b>	<b>8.0000e-005</b>	<b>8.2100e-003</b>	<b>0.0000</b>	<b>14.5211</b>	<b>14.5211</b>	<b>4.4000e-004</b>	<b>4.2000e-004</b>	<b>14.6564</b>

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

**3.7 Paving - 2023**

**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	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944
Paving	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0173</b>	<b>0.0510</b>	<b>0.0729</b>	<b>1.1000e-004</b>		<b>2.5500e-003</b>	<b>2.5500e-003</b>		<b>2.3500e-003</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>10.0134</b>	<b>10.0134</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.0944</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	6.0000e-004	0.0000	6.0000e-004	1.6000e-004	0.0000	1.6000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738
<b>Total</b>	<b>2.2000e-004</b>	<b>1.4000e-004</b>	<b>1.7100e-003</b>	<b>1.0000e-005</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>6.0000e-004</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.4694</b>	<b>0.4694</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4738</b>

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

**3.7 Paving - 2023**

**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	5.1600e-003	0.0510	0.0729	1.1000e-004		2.5500e-003	2.5500e-003		2.3500e-003	2.3500e-003	0.0000	10.0134	10.0134	3.2400e-003	0.0000	10.0944
Paving	0.0121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0173</b>	<b>0.0510</b>	<b>0.0729</b>	<b>1.1000e-004</b>		<b>2.5500e-003</b>	<b>2.5500e-003</b>		<b>2.3500e-003</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>10.0134</b>	<b>10.0134</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.0944</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.4000e-004	1.7100e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4694	0.4694	1.0000e-005	1.0000e-005	0.4738
<b>Total</b>	<b>2.2000e-004</b>	<b>1.4000e-004</b>	<b>1.7100e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.4694</b>	<b>0.4694</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.4738</b>

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

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2662	0.4282	2.5578	5.8900e-003	0.5770	4.8600e-003	0.5818	0.1543	4.5500e-003	0.1588	0.0000	544.6784	544.6784	0.0303	0.0288	554.0064
Unmitigated	0.2662	0.4282	2.5578	5.8900e-003	0.5770	4.8600e-003	0.5818	0.1543	4.5500e-003	0.1588	0.0000	544.6784	544.6784	0.0303	0.0288	554.0064

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-No Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	530.01	530.01	530.01	1,547,366	1,547,366
<b>Total</b>	<b>530.01</b>	<b>530.01</b>	<b>530.01</b>	<b>1,547,366</b>	<b>1,547,366</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	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
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

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Land Use	Miles			Trip %			Trip Purpose %		
	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
Unrefrigerated Warehouse-No	9.50	7.30	7.30	59.00	0.00	41.00	92	5	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Parking Lot	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Refrigerated Warehouse-No Rail	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707
Unrefrigerated Warehouse-No Rail	0.531667	0.052263	0.168651	0.155495	0.027235	0.006385	0.012362	0.016685	0.000479	0.000329	0.023608	0.001135	0.003707

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**



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	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	175.3350	175.3350	0.0284	3.4400e-003	177.0687
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	175.3350	175.3350	0.0284	3.4400e-003	177.0687
NaturalGas Mitigated	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	103.7214	103.7214	1.9900e-003	1.9000e-003	104.3377
NaturalGas Unmitigated	0.0105	0.0953	0.0800	5.7000e-004		7.2400e-003	7.2400e-003		7.2400e-003	7.2400e-003	0.0000	103.7214	103.7214	1.9900e-003	1.9000e-003	104.3377

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

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	407500	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7458	21.7458	4.2000e-004	4.0000e-004	21.8750
Parking Lot	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
Refrigerated Warehouse-No Rail	22600	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2060	1.2060	2.0000e-005	2.0000e-005	1.2132
Unrefrigerated Warehouse-No Rail	1.51356e+006	8.1600e-003	0.0742	0.0623	4.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	80.7696	80.7696	1.5500e-003	1.4800e-003	81.2496
<b>Total</b>		<b>0.0105</b>	<b>0.0953</b>	<b>0.0800</b>	<b>5.8000e-004</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>	<b>0.0000</b>	<b>103.7214</b>	<b>103.7214</b>	<b>1.9900e-003</b>	<b>1.9000e-003</b>	<b>104.3377</b>

GBxManteca - Final IS/MND (Excludes HHD Mobile) - San Joaquin County, Annual

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

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	407500	2.2000e-003	0.0200	0.0168	1.2000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	21.7458	21.7458	4.2000e-004	4.0000e-004	21.8750
Parking Lot	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
Refrigerated Warehouse-No Rail	22600	1.2000e-004	1.1100e-003	9.3000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.2060	1.2060	2.0000e-005	2.0000e-005	1.2132
Unrefrigerated Warehouse-No Rail	1.51356e+006	8.1600e-003	0.0742	0.0623	4.5000e-004		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	80.7696	80.7696	1.5500e-003	1.4800e-003	81.2496
<b>Total</b>		<b>0.0105</b>	<b>0.0953</b>	<b>0.0800</b>	<b>5.8000e-004</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>		<b>7.2400e-003</b>	<b>7.2400e-003</b>	<b>0.0000</b>	<b>103.7214</b>	<b>103.7214</b>	<b>1.9900e-003</b>	<b>1.9000e-003</b>	<b>104.3377</b>

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

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	241500	22.3445	3.6100e-003	4.4000e-004	22.5654
Parking Lot	141026	13.0482	2.1100e-003	2.6000e-004	13.1772
Refrigerated Warehouse-No Rail	374200	34.6224	5.6000e-003	6.8000e-004	34.9648
Unrefrigerated Warehouse-No Rail	1.1383e+006	105.3199	0.0170	2.0700e-003	106.3613
<b>Total</b>		<b>175.3350</b>	<b>0.0284</b>	<b>3.4500e-003</b>	<b>177.0687</b>

GBxManteca - Final IS/MND (Excludes HHD Mobile) - San Joaquin County, Annual

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

**5.3 Energy by Land Use - Electricity**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	241500	22.3445	3.6100e-003	4.4000e-004	22.5654
Parking Lot	141026	13.0482	2.1100e-003	2.6000e-004	13.1772
Refrigerated Warehouse-No Rail	374200	34.6224	5.6000e-003	6.8000e-004	34.9648
Unrefrigerated Warehouse-No Rail	1.1383e+006	105.3199	0.0170	2.0700e-003	106.3613
<b>Total</b>		<b>175.3350</b>	<b>0.0284</b>	<b>3.4500e-003</b>	<b>177.0687</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
Unmitigated	1.2388	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003

**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	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1789					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
<b>Total</b>	<b>1.2388</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.4400e-003</b>	<b>5.4400e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.8000e-003</b>

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

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0597					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.1789					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.6000e-004	3.0000e-005	2.8000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.4400e-003	5.4400e-003	1.0000e-005	0.0000	5.8000e-003
<b>Total</b>	<b>1.2388</b>	<b>3.0000e-005</b>	<b>2.8000e-003</b>	<b>0.0000</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>		<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.4400e-003</b>	<b>5.4400e-003</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>5.8000e-003</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	44.6168	1.7490	0.0417	100.7787
Unmitigated	55.6178	2.1862	0.0522	125.8187

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.44334 / 2.72334	4.5161	0.1453	3.4800e-003	9.1853
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	4.625 / 0	3.7828	0.1511	3.6000e-003	8.6338
Unrefrigerated Warehouse-No Rail	57.8541 / 0	47.3189	1.8899	0.0451	107.9996
<b>Total</b>		<b>55.6178</b>	<b>2.1862</b>	<b>0.0522</b>	<b>125.8187</b>



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

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.55467 / 2.55722	3.7355	0.1163	2.7900e-003	7.4720
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	3.7 / 0	3.0262	0.1209	2.8800e-003	6.9070
Unrefrigerated Warehouse-No Rail	46.2833 / 0	37.8551	1.5119	0.0361	86.3997
<b>Total</b>		<b>44.6168</b>	<b>1.7490</b>	<b>0.0417</b>	<b>100.7787</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

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

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	56.2732	3.3257	0.0000	139.4144
Unmitigated	56.2732	3.3257	0.0000	139.4144

**8.2 Waste by Land Use**

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	18.8	3.8162	0.2255	0.0000	9.4546
Unrefrigerated Warehouse-No Rail	235.17	47.7374	2.8212	0.0000	118.2674
<b>Total</b>		<b>56.2732</b>	<b>3.3257</b>	<b>0.0000</b>	<b>139.4144</b>

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

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	23.25	4.7195	0.2789	0.0000	11.6925
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-No Rail	18.8	3.8162	0.2255	0.0000	9.4546
Unrefrigerated Warehouse-No Rail	235.17	47.7374	2.8212	0.0000	118.2674
<b>Total</b>		<b>56.2732</b>	<b>3.3257</b>	<b>0.0000</b>	<b>139.4144</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

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

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

Equipment Type	Number
----------------	--------

**11.0 Vegetation**

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**CalEEMod Assumptions Sheet to Send to the Developer (for the Coors Distribution Project)**

2 messages

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**Josh Smith** <jsmith@denovoplanning.com>

Thu, Dec 16, 2021 at 5:12 PM

To: Steve McMurtry &lt;smcmurtry@denovoplanning.com&gt;

Hi Steve,

See attached for a CalEEMod Construction Assumptions sheet to pass onto the applicant for verification/modification.

-Josh

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**Josh Smith**, AICP | Senior PlannerDe Novo Planning Group | [www.denovoplanning.com](http://www.denovoplanning.com)[jsmith@denovoplanning.com](mailto:jsmith@denovoplanning.com) | 916-805-1281**Southern California** | 180 East Main St. #108 | Tustin, CA 92780**Northern California** | 1020 Suncast Ln #106 | El Dorado Hills, CA 95762

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 **CalEEMod Construction Detail Assumptions\_GBxMANTECA.docx**

24K

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**smcmurtry@denovoplanning.com** <smcmurtry@denovoplanning.com>

Wed, Jan 5, 2022 at 12:28 PM

To: Josh Smith &lt;jsmith@denovoplanning.com&gt;

See below from the construction schedule and other details for the Coors distribution site in Manteca.

**Steve McMurtry** | PrincipalDe Novo Planning Group | [www.denovoplanning.com](http://www.denovoplanning.com)[smcmurtry@denovoplanning.com](mailto:smcmurtry@denovoplanning.com) | 916.580.9818**Northern California** | [1020 Suncast Lane #106 | El Dorado Hills, CA 95762](#)**Southern California** | 180 East Main Street # 108 | Tustin, CA 92780

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**From:** Vicky Seidler <Vicky.Seidler@RyanCompanies.com>**Sent:** Tuesday, January 4, 2022 8:42 AM**To:** [smcmurtry@denovoplanning.com](mailto:smcmurtry@denovoplanning.com)**Subject:** RE: CalEEMod Assumptions Sheet to Send to the Developer (for the Coors Distribution Project)

Hi Steve,

Happy New Year.

Upon review of the Construction Related Assumptions here are my comments:

Schedule – Looks like we won't be getting the Grading permit until June 2022 so here are updated time frames:

- Site Prep: 5 days
  - 6/13/2022 - 6/17/2022
  
- Demolition: 15 days
  - 6/20/22 – 7/11/22
  
- Grading: 20 days
  - 07/12/22 to 08/8/22
- Building Construction: 200 days
  - 8/09/2022 – 5/17/2023
- Paving: 10 days
  - 5/4/2023 – 5/17/2023
- Architectural Coating (paint exterior): 40 days
  - 3/02/2023 – 4/26/2023

- Project Opening Date – estimated to be May 2023.

Demolition – We have no structures to demolish, however, we do have concrete dolly pads and curbs to remove. The concrete pads will be broken up by an excavator with a breaker. Excavator with a clam or bucket will put the pieces in dump trucks for haul to concrete recycling. Curbs will be broken up by skid steers, excavator will load into dump trucks for haul to concrete recycling. I calc'd 1776CY of concrete to be hauled out

We will be pulling up the existing base that was put down for the asphalt paving (which was not installed) to get down to native so we can grade and establish the building pad. We plan to stockpile the base on site for re-use.

Grading – we do not plan to import or export, this should be a balanced site. We will grade for the building pad and then dig footings.

Building construction – we have a transformer to provide power on site and plan to have temporary power established well before building construction, that should reduce the usage of generators. There will be manlifts for several activities, not sure if those need to be identified in Equipment Type.

Architectural coatings – I assume that exterior painting is the referenced activity, not interior painting.

Site grading – the site will need to be regraded to accommodate revised parking lot elevations , bioswales, curb and gutter. We plan to re-use the base we pulled up, hopefully no import of base.

Let me know what other information you may need.

Thank you

Vicky Seidler

**Victoria Seidler**

Sr Project Manager

Ryan Companies US, Inc.

4275 Executive Square, Suite 370

La Jolla, CA 92037

ryancompanies.com



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**From:** [smcmurtry@denovoplanning.com](mailto:smcmurtry@denovoplanning.com) <[smcmurtry@denovoplanning.com](mailto:smcmurtry@denovoplanning.com)>

**Sent:** Thursday, December 16, 2021 6:02 PM

**To:** Vicky Seidler <[Vicky.Seidler@RyanCompanies.com](mailto:Vicky.Seidler@RyanCompanies.com)>

**Subject:** FW: CalEEMod Assumptions Sheet to Send to the Developer (for the Coors Distribution Project)

**EXTERNAL EMAIL:** If unknown sender, **DO NOT** click links/attachments. **NEVER** give out your user ID or password.

Vicky,

We need to establish our construction assumptions in the AQ model. The attached sheet includes our best guess for the construction schedule and the construction equipment to be used. Can you take a look at the schedule by phase. Note we have assumed no grading because the site is already developed. Below the schedule is a list of equipment used in each phase. Can you comment on the number and hours/day that aligns with your plan for construction? Note that equipment list is a default list from the model, which we can override with the Engineer or CM input.

**Steve McMurtry** | Principal

De Novo Planning Group | [www.denovoplanning.com](http://www.denovoplanning.com)

[smcmurtry@denovoplanning.com](mailto:smcmurtry@denovoplanning.com) | 916.580.9818

**Northern California** | 1020 Suncast Lane #106 | El Dorado Hills, CA 95762

**Southern California** | 180 East Main Street # 108 | Tustin, CA 92780

## APPENDIX B: AIR TOXICS SCREENING ASSESSMENT



Source: EMFAC2021 (v1.0.1) Emission Rates

Region Type: County

Region: San Joaquin

Calendar Year: 2022

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VMT	PM10_RUNEX
San Joaquin	2022	T7 Tractor Class 8	Aggregate	10	Diesel	1683.346604	<b>0.014003507</b>
San Joaquin	2022	T7 Tractor Class 8	Aggregate	55	Diesel	20401.71991	<b>0.02163113</b>

**Mobile Truck Emissions**

On-site Pickup, Loading, and Return for Storage

pounds per gram: 0.002205  
hours per day: 24

Line Source Volume #1:

Assumptions:

- 1. Total travel distance per truck trip (one-day):
- 2. # of trucks trips per day:
- 3. PM10 Mobile Emissions Factor:  
(San Joaquin County, 10 MPH, Year 2022, T7 Tractor Class 8)

Factor:

0.5 miles  
132 trips  
**0.014003507** g/mile

Source:

As measured by Google Maps (conservative estimate)  
Fehr & Peers, 2022  
EMFAC2021

Therefore:

Total daily PM10 mobile emissions generated by the project along this line volume source:

**0.924231462 g/day-all vehicles**  
0.002037579 lbs/day-all vehicles  
**0.743716396 lbs/year-all vehicles** 0.743716

Max Hr Emissions

132.00 Peak hour truck trips (assumes all trips occur in the same hour, for a highly conservative estimate)

**0.924231462 g/hr-all vehicles**  
**0.002037579 lbs/hr-all vehicles**

## Mobile Truck Emissions

Off-site (0.25 miles distance)

pounds per gram: 0.002205

hours per day: 24

Line Source Volume #1:

Assumptions:

1. Total travel distance per truck trip (one-day):
2. # of trucks trips per day:
3. PM10 Mobile Emissions Factor:  
(San Joaquin County, 55 MPH, Year 2022, T7 Tractor Class 8)

Factor:

0.25 miles  
132 trips  
**0.02163113** g/mile

Source:

As measured by Google Maps (conservative estimate)  
Fehr & Peers, 2022  
EMFAC2021

Therefore:

Total daily PM10 mobile emissions generated by the project along this line volume source:

**0.71382729 g/day-all vehicles**  
0.001573718 lbs/day-all vehicles  
**0.574407041 lbs/year-all vehicles** 0.574407

Max Hr Emissions

132.00 Peak hour truck trips (assumes all trips occur in the same hour, for a highly conservative estimate)

**0.71382729 g/hr-all vehicles**  
**0.001573718 lbs/hr-all vehicles**

**Truck Idling Emission Rates**

Idling Emission Rates taken from tables 3.2-41 and 42, of the EMFAC2014 Volume III - Technical Documentation Guidebook:  
<http://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf>

pounds per gram: 0.00220462

Idling Emissions:

Table 3.2-40: Revised HHD Diesel Truck Low Idle Emission Rates (after 2009)	PM10	<b>0.001</b> g/hr-truck
Table 3.2-41: High Idle Emissions Rates for Summer (2009 and later)	PM10	<b>0.003</b> g/hr-truck
Table 3.2-42: High Idle Emissions Rates for Winter (2009 and later)	PM10	<b>0.004</b> g/hr-truck

Note: the following calculation uses an average of the summer and winter high idle emissions rates for the emission factor calcs.

0.000291667 g/5 minutes-truck  
 0.000291667 g/day-truck  
 24 hours in day  
 66 # of trucks/day  
 2 Idle Points per truck/day

Note: Trucks are equipped with 5-min auto shutoff.

Source: Fehr & Peers, 2022  
 Note: Assumption

Therefore:

0.0385 g/day-all trucks  
 14.0525 g/year-all trucks  
**0.030980423** lbs/year-all trucks  
 0.030980423

**Max Hr Emissions**

# Peak hour truck trips (assumes all trips occur in the same hour, for a highly conservative estimate)

**0.0385 g/hr-all vehicles**  
**0.0000849 lbs/hr-all vehicles**

### Truck TRU (Idling)

pounds per gram: 0.002205

0.02 g/hp-hr source: ARB  
34 hp rated TRU engines

7.4% Percentage of trucks assumed to be refrigerated (based on the refrigerated warehouse square footage of 20 ksf, out of a total of 270.176 ksf warehouse space.

0.53 Load Factor of 0.53 based Walmart Riverwalk Marketplace HRA Impact Sciences, Inc

0.25 Trucks are expected to run their TRUs for 15 minutes per hour (Leland Vilalvazo, phone conversation) On/Off Cycle Factor

66 Total # of trucks per day (note: truck trips are round trips; hence, total # of trucks is equal to half the number of truck trips)  
Source: Fehr & Peers, 2022

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0.440201942 Emissions (g/day)

<b>Total</b>
0.440201942 Emissions (g/day)
161 Emissions (g/year)
0.354224472 Emissions (lbs/year)

<b>Max Hour:</b>
0.177112236 Emissions (lbs/year)

Note: Assume max hour trucks are half of the total daily trucks, as a conservative estimate.

**Construction - DPM Exhaust Emissions**

pounds per ton:

2000

Note: DPM Exhaust Emissions taken from CalEEMod

CalEEMod - Maximum Annual Construction Emissions

Exhaust PM2.5 tons/year

0.0584

Exhaust PM2.5 pounds/year

116.8

Total

Amoritized over 70 Years

**1.668571429 lbs/year**

Name **Prioritization Calculator**

<b>Applicability</b>	Use to provide a Prioritization score based on the emission potency method. Entries required in yellow areas, output in gray areas.		
<b>Author or updater</b>	Matthew Cegielski	<b>Last Update</b>	November 2, 2020
<b>Facility:</b>			
<b>ID#:</b>			
<b>Project #:</b>			
<b>Unit and Process#</b>			

<b>Operating Hours hr/yr</b>		8,760.00			
<b>Receptor Proximity and Proximity Factors</b>		<b>Cancer Score</b>	<b>Chronic Score</b>	<b>Acute Score</b>	<b>Max Score</b>
0< R<100	1.000	7.79E+00	1.15E-02	0.00E+00	7.79E+00
100sR<250	0.250	1.95E+00	2.89E-03	0.00E+00	1.95E+00
250sR<500	0.040	3.12E-01	4.62E-04	0.00E+00	3.12E-01
500sR<1000	0.011	8.57E-02	1.27E-04	0.00E+00	8.57E-02
1000sR<1500	0.003	2.34E-02	3.46E-05	0.00E+00	2.34E-02
1500sR<2000	0.002	1.56E-02	2.31E-05	0.00E+00	1.56E-02
2000<R	0.001	7.79E-03	1.15E-05	0.00E+00	7.79E-03

Receptor proximity is in meters. Prioritization scores are calculated by multiplying the total scores summed below by the proximity factors. Record the Max score for your receptor distance. If the substance list for the unit is longer than the number of rows here or if there are multiple processes use additional worksheets and sum the totals of the Max Scores.

<b>0</b>	Enter the unit's CAS# of the substances emitted and their amounts.				Prioritization score for each substance generated below. Totals on last row.		
----------	--	--	--	--	--	--	--

Substance	CAS#	Annual Emissions (lbs/yr)	Maximum Hourly (lbs/hr)	Average Hourly (lbs/hr)	Cancer Chronic Acute		
					Cancer	Chronic	Acute
Diesel engine exhaust, particulate matter (Diesel PM)	9901	3.37189976	0.180808411	3.85E-04	7.79E+00	1.15E-02	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				0.00E+00	0.00E+00	0.00E+00	0.00E+00
				<b>Totals</b>	7.79E+00	1.15E-02	0.00E+00

Use the substance dropdown list in the CAS# Finder to locate CAS# of substances.

Substance	CAS# Finder
Diesel engine exhaust, particulate matter (Diesel PM)	9901

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APPENDIX C: MMRP FOR THE NORTHWEST AIRPORT WAY MASTER PLAN



**Mitigation Monitoring and Reporting Program  
for the  
Northwest Airport Way Master Plan  
City of Manteca, San Joaquin County, California**

**State Clearinghouse No. 2010022024**

Prepared for:



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Community Development Department  
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Contact: Jason Brandman, Project Director



October 7, 2010



**Table 1: Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<b>2. Agricultural Resources</b>					
<b>MM AG-1:</b> At the time building permits are sought for any Master Plan contemplated use, the project applicant shall pay the required City of Manteca agricultural mitigation fee to help offset the conversion of Important Farmland pursuant to Manteca Municipal Code Chapter 13.42.	Receipt of fees	At the time building permits are sought	City of Manteca Community Development Department		
<b>3. Air Quality/Greenhouse Gas Emissions</b>					
<p><b>MM AIR-1a:</b> Prior to issuance of grading permits for each Master Plan use, the project applicant shall provide information to the City of Manteca describing the methods by which the following measures will be complied with:</p> <ul style="list-style-type: none"> <li>• Off-road equipment used onsite shall achieve a fleet average emissions equal to or less than the Tier II emissions standard of 4.8 grams of NO<sub>x</sub> per horsepower hour. This can be achieved through any combination of engine standards. Tier II emission standards are set forth in Section 2423 of Title 13 of the California Code of Regulations, and Part 89 of Title 40 Code of Federal Regulations.</li> <li>• Construction equipment shall be properly maintained at an offsite location; maintenance shall include proper tuning and timing of engines. Equipment maintenance records and data sheets of equipment design specifications shall be kept on-site during construction.</li> <li>• Onsite construction equipment shall not idle for more than 5 minutes in any one hour.</li> <li>• During the building phase, onsite electrical hook ups shall be provided for electric construction tools including saws, drills and compressors, to eliminate the need for diesel powered electric generators.</li> <li>• Construction workers shall be encouraged to carpool to and from the construction site to the greatest extent practical. Workers shall be informed in writing and a letter shall be placed on file in the City office documenting efforts to carpool.</li> </ul>	Notes on construction plans; submittal of documentation	Prior to issuance of grading permits for each Master Plan use	City of Manteca Community Development Department & Public Works Engineering		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM AIR-1b:</b> During the architectural coating phase for all Master Plan uses, paints with a volatile organic compound content less than 10 grams per liter shall be used.</p>	Notes on construction plans; site inspection	During the architectural coating phase for all Master Plan uses	City of Manteca Community Development Department Building Division		
<p><b>MM AIR-1c:</b> Prior to issuance of building permits for each Master Plan building, the project applicant shall demonstrate compliance with all applicable requirements of San Joaquin Valley Air Pollution Control District, Rule 9510 via the submittal of a Rule 9510 Implementation Plan to the City of Manteca for review and approval. The implementation plan shall achieve a 33-percent reduction in NO<sub>x</sub> and a 45-percent reduction in PM<sub>10</sub> over the first 10 years of operations through the use of onsite emissions reduction measures or through the payment of offsite mitigation fees to the SJVAPCD for purchase of emission reductions. The requirements of the approved implementation plan shall be incorporated into the proposed project.</p>	Submittal of documentation	Prior to issuance of building permits for each Master Plan building	City of Manteca Community Development Department		
<p><b>MM AIR-1d:</b> Prior to approval of the final site plan for each Master Plan building that would receive 10 more truck deliveries per week, the project applicant shall demonstrate that the following anti-idling measures would be implemented:</p> <ul style="list-style-type: none"> <li>• Provide available electricity hookups for trucks in the loading dock areas.</li> <li>• Signs shall be posted in dock areas advising drivers that idling shall not occur for more than 3 minutes.</li> <li>• Telephone numbers of the building facilities manager and the California Air Resources Board shall be posted on signs at truck entrances to report idling violations.</li> </ul>	Approval of plans	Prior to approval of the final site plan for each Master Plan building that would receive 10 more truck deliveries per week	City of Manteca Community Development Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM AIR-6:</b> Prior to final site plan approval for any Master Plan use that includes food service (i.e., restaurants, cafeterias, etc.), the applicant shall demonstrate compliance with SJVAPCD Rules 4102 (Nuisance) and 4692 (Commercial Charbroiling) to the extent that these rules are applicable. Compliance may entail the installation of kitchen exhaust vents, exhaust filtration systems, or other odor-reduction measures in accordance with accepted engineering practice. The approved plans shall be incorporated into the proposed project.</p>	Approval of plans	Prior to final site plan approval for any Master Plan use that includes food service (i.e., restaurants, cafeterias, etc.)	City of Manteca Community Development Department Building Division		
<p><b>4. Biological Resources</b></p>					
<p><b>MM BIO-1a:</b> If ground clearing or vegetation removal activities occur during the nesting season (February 15 through August 31), then pre-construction surveys for nesting birds shall be conducted in all area suitable for nesting that are located within 250 feet of the Master Plan area. Surveys shall be conducted no more than 15 days prior to the beginning of ground disturbance. If an active nest is located, a 250-foot buffer shall be delineated and maintained around the nest until a qualified biologist has determined that fledging has occurred. Alternatively, CDFG may be consulted to determine if the protective buffer can be reduced based upon individual species responses to disturbance. This mitigation measure does not apply if ground clearing or vegetation removal activities occur outside of the nesting season (September 1 through February 14).</p>	Site inspection; submittal of documentation	If ground clearing or vegetation removal activities occur during the nesting season (February 15 through August 31),	City of Manteca Community Development Department; California Department of Fish and Game		
<p><b>MM BIO-1b:</b> No more than 30 day prior to the beginning of ground disturbance, a pre-construction survey for burrowing owls shall be conducted by a qualified biologist in general accordance with the Burrowing Owl Survey Protocol and Mitigation Guidelines by the California Burrowing Owl Consortium. Should the surveys be scheduled to occur during the period extending from February 1 through May 1, then surveys shall be conducted</p>	Site inspection; submittal of documentation	No more than 30 day prior to the beginning of ground disturbance	City of Manteca Community Development Department; California Department of Fish and Game		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
no more than 15 days prior to the start of ground disturbance. Surveys shall be conducted from 2 hours before sunset to 1 hour after sunset, or from 1 hour before sunrise to 2 hours after sunrise, and shall be conducted during weather conducive to observing owls outside of their burrows. No surveys shall occur during heavy rain, high winds, or dense fog. If occupied burrows are found, mitigation for potential impacts shall follow the guidelines outlined by the Burrowing Owl Survey Protocol and Mitigation Guidelines, including passive relocation.					
<b>MM BIO-2:</b> Prior to issuance of grading permits within any impacted resource area, the project applicant shall obtain all required authorization from agencies with jurisdiction over the drainage canals within the Master Plan area. Such agencies may include but are not limited to the United States Army Corps of Engineers, the California Department of Fish and Game, and the Central Valley Regional Water Quality Control Board. Impacted resources shall be offset through onsite restoration, offsite restoration, or purchase of credits at an agency-approved mitigation bank in the region at no less than a 1:1 ratio.	Submittal of documentation	Prior to issuance of grading permits within any impacted resource area	City of Manteca Community Development Department; United States Army Corps of Engineers, California Department of Fish and Game; Central Valley Regional Water Quality Control Board		
<b>MM BIO-3:</b> Prior to issuance of grading permits, the project applicant shall obtain all required authorization from agencies with jurisdiction over the drainage canals within the Master Plan area. This authorization may involve approvals from the United States Army Corps of Engineers and the Central Valley Regional Water Quality Control Board. Impacted features shall be offset through onsite restoration, offsite restoration, or purchase of credits at an agency-approved mitigation bank in the region at no less than a 1:1 ratio.	Submittal of documentation	Prior to issuance of grading permits	City of Manteca Community Development; United States Army Corps of Engineers, Central Valley Regional Water Quality Control Board Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM BIO-5:</b> Prior to issuance of grading permits for any activities that would remove one or more trees subject to City of Manteca Ordinance 17.19.060, the applicant shall prepare and submit a tree removal and replacement plan to the City of Manteca for review and approval. The plan shall identify all trees proposed for removal and proposed replacement tree species and locations. Replacement shall occur at no less than a 1:1 ratio. All replacement trees shall be no less than a 24-inch box size species.</p>	Approval of plan	Prior to issuance of grading permits for any activities that would remove one or more trees subject to City of Manteca Ordinance 17.19.060	City of Manteca Community Development Department		
<p><b>MM BIO-6:</b> Prior to issuance of the first grading or building permit for the Master Plan, the project applicant shall obtain coverage under the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan. Coverage shall consist of approval of the Master Plan-specific “Section 8.2.1 (10) Checklist for Unmapped SJMSCP Projects” by the San Joaquin Council of Governments Technical Advisory Committee. The applicant shall pay all required fees to the San Joaquin Council of Governments prior to the commencement of construction activities.</p>	Approval of application; receipt of fees	Prior to issuance of the first grading or building permit for the Master Plan	City of Manteca Community Development Department Planning and building Divisions, Public Works Engineering; San Joaquin Council of Governments		
<p><b>5. Cultural Resources</b></p>					
<p><b>MM CUL-1:</b> If potentially significant historic resources are encountered during subsurface excavation activities for any Master Plan use, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate California Department of Parks and</p>	Site inspection; submittal of documentation	During subsurface excavation activities	City of Manteca Community Development Department Planning and Building Division & Public Works Engineering		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p>Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.</p>					
<p><b>MM CUL-2:</b> If potentially significant archaeological resources are encountered during subsurface excavation activities, all construction activities within a 100-foot radius of the resource shall cease until a qualified archaeologist determines whether the resource requires further study. The City shall require that the applicant include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. Any previously undiscovered resources found during construction shall be recorded on appropriate Department of Parks and Recreation forms and evaluated for significance in terms of California Environmental Quality Act criteria by a qualified archaeologist. Potentially significant cultural resources consist of but are not limited to stone, bone, fossils, wood, or shell artifacts or features, including hearths, structural remains, or historic dumpsites. If the resource is</p>	<p>Site inspection; submittal of documentation</p>	<p>During subsurface excavation activities</p>	<p>City of Manteca Community Development Department Planning and Building Division &amp; Public Works Engineering</p>		



**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
determined to be significant under CEQA, the City and a qualified archaeologist shall determine whether preservation in place is feasible. Such preservation in place is the preferred mitigation. If such preservation is infeasible, the qualified archaeologist shall prepare and implement a research design and archaeological data recovery plan for the resource. The archaeologist shall also conduct appropriate technical analyses, prepare a comprehensive written report and file it with the appropriate information center (California Historical Resources Information System), and provide for the permanent curation of the recovered materials.					
<b>MM CUL-3:</b> In the event that plant or animal fossils are discovered during subsurface excavation activities for the proposed project, all excavation within 50 feet of the fossil shall cease until a qualified paleontologist has determined the significance of the find and provides recommendations in accordance with Society of Vertebrate Paleontology standards. The paleontologist shall notify the City of Manteca to determine procedures to be followed before construction is allowed to resume at the location of the find. If the find is determined to be significant and the City determines that avoidance is not feasible, the paleontologist shall design and implement a data recovery plan consistent with the Society of Vertebrate Paleontology standards. The plan shall be submitted to the City for review and approval. Upon approval, the plan shall be incorporated into the project.	Site inspection; submittal of documentation	During subsurface excavation activities	City of Manteca Community Development Department Planning and Building Division & Public Works Engineering		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM CUL-4:</b> If previously unknown human remains are encountered during construction activities, Section 7050.5 of the California Health and Safety Code applies, and the following procedures shall be followed:</p> <ul style="list-style-type: none"> <li>• In the event of an accidental discovery or recognition of any human remains, Public Resource Code Section 5097.98 must be followed. Once project-related ground disturbance begins and if there is accidental discovery of human remains, the following steps shall be taken:</li> <li>• There shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains until the San Joaquin County Coroner’s Office is contacted to determine if the remains are Native American and if an investigation into cause of death is required. If the coroner determines the remains are Native American, the coroner shall contact the NAHC within 24 hours, and the NAHC shall identify the person or persons it believes to be the “most likely descendant” of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods as provided in Public Resources Code Section 5097.98.</li> </ul>	Site inspection; submittal of documentation	During construction activities	City of Manteca Community Development Department Planning and Building Division & Public Works Engineering		
<b>6. Geology, Soils, and Seismicity</b>					
<p><b>MM GEO-1:</b> Prior to issuance of building permits for each Master Plan use, the project applicant shall submit a design-level geotechnical study and building plans to the City of Manteca for review and approval. The building plans shall demonstrate that they incorporate all applicable</p>	Approval of plans	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department Building Division		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
recommendations of the design-level geotechnical study and comply with all applicable requirements of the most recent version of the California Building Standards Code. A licensed professional engineer shall prepare the plans, including those that pertain to soil engineering, structural foundations, pipeline excavation, and installation. The approved plans shall be incorporated into the proposed project. All onsite soil engineering activities shall be conducted under the supervision of a licensed Geotechnical Engineer or Certified Engineering Geologist.					
<b>7. Hazards and Hazardous Materials</b>					
<b>MM HAZ-1a:</b> Prior to grading activities for any Master Plan use in areas where THP-D has been detected, the applicant shall conduct soil sampling to delineate the horizontal and vertical extent of the TPH-D in order to implement a soil remediation program. Soil remediation shall be conducted in accordance with California Department of Toxic Substances Control (DTSC) guidelines. Contaminated soil shall be excavated and disposed of at an approved disposal facility. Following excavation, confirmation sampling shall be conducted to confirm whether remaining soil meets acceptable applicable regulatory levels. The excavation shall be backfilled with clean soil.	Submittal of documentation	Prior to grading activities for any Master Plan use in areas where THP-D has been detected	City of Manteca Community Development Department, Public Works Engineering		
<b>MM HAZ-1b:</b> Prior to grading activities for any Master Plan use, any onsite wells or septic systems intended to be removed shall be destroyed under permit and inspection with San Joaquin County Environmental Health Department.	Submittal of documentation	Prior to grading activities for any Master Plan use	City of Manteca Community Development Department; San Joaquin County Environmental Health Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM HAZ-1c:</b> Prior to demolition activities of any structures located within the Master Plan area, the project applicant shall retain a certified hazardous waste contractor to determine the presence or absence of building materials or equipment that contains hazardous waste, including asbestos, lead-based paint, mercury, and PCBs. If such substances are found to be present, the contractor shall properly remove and dispose of these hazardous materials in accordance with federal and state law. All removal activities shall be completed prior to commencement of demolition activities.</p>	<p>Submittal of documentation</p>	<p>Prior to demolition activities of any structures located within the Master Plan area</p>	<p>City of Manteca Community Development Department Building Division</p>		
<p><b>8. Hydrology and Water Quality</b></p>					
<p><b>MM HYD-1:</b> Prior to the issuance of grading or building permits for each proposed activities within the Master Plan area, the project applicant shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the City of Manteca that identifies specific actions and Best Management Practices (BMPs) to prevent stormwater pollution during construction activities. The SWPPP shall identify a practical sequence for BMP implementation, monitoring, and maintenance; site restoration; contingency measures; responsible parties; and agency contacts. The SWPPP shall include but not be limited to the following elements:</p> <ul style="list-style-type: none"> <li>• Temporary erosion control measures shall be employed for disturbed areas.</li> <li>• Specific measures shall be identified to protect the onsite open drainages during construction of the proposed resort.</li> <li>• Specific measures shall be identified to protect the French Camp Outlet Canal and Drain 3 during any construction activities.</li> </ul>	<p>Approval of plan</p>	<p>Prior to the issuance of grading or building permits for each proposed activities within the Master Plan area</p>	<p>City of Manteca Public Works</p>		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<ul style="list-style-type: none"> <li>No disturbed surfaces shall be left without erosion control measures in place during the winter and spring months.</li> <li>Sediment shall be retained onsite by a system of sediment basins, traps, or other appropriate measures.</li> <li>The construction contractor shall prepare Standard Operating Procedures for the handling of hazardous materials on the construction site to eliminate or reduce discharge of materials to storm drains.</li> <li>BMP performance and effectiveness shall be determined either by visual means where applicable (e.g., observation of above-normal sediment release), or by actual water sampling in cases where verification of contaminant reduction or elimination (such as inadvertent petroleum release) is required by the RWQCB to determine adequacy of the measure.</li> <li>In the event of significant construction delays or delays in final landscape installation, native grasses or other appropriate vegetative cover shall be established on the construction site as soon as possible after disturbance, as an interim erosion control measure throughout the wet season.</li> </ul>					
<p><b>MM HYD-2:</b> Prior to the issuance of building or grading permits for any development activities that occur pursuant to the Master Plan, the project applicant shall submit a stormwater quality control plan to the City of Manteca for review and approval. The plan shall include a detailed drainage plan and identify expected site-specific pollutants and required measures to treat those pollutants before they reach the regional detention basins and, ultimately, the French Camp Outlet Canal and San Joaquin River. The approved measures shall be incorporated</p>	Approval of plan	Prior to the issuance of building or grading permits	City of Manteca Public Works		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p>into the proposed project. The plan will describe monitoring and performance measures and standards required in order to ensure water quality is adequately protected during operation of all proposed sites within the project area. Examples of stormwater pollution prevention measures and practices to be incorporated into the plan include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Strategically placed bioswales and landscaped areas that promote percolation of runoff</li> <li>• Pervious pavement</li> <li>• Roof drains that discharge to landscaped areas</li> <li>• Trash enclosures with screen walls and roofs</li> <li>• Stenciling on storm drains</li> <li>• Curb cuts in parking areas to allow runoff to enter landscaped areas</li> <li>• Rock-lined areas along landscaped areas in parking lots</li> <li>• Catch basins</li> <li>• Oil/water separators</li> <li>• Regular sweeping of parking areas and cleaning of storm drainage facilities</li> <li>• Employee training to inform maintenance personnel of stormwater pollution prevention measures</li> </ul>					

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM HYD-4:</b> Prior to the issuance of building or grading permits for the proposed project, the project applicant shall submit a stormwater quality control plan for the project as a whole to the City of Manteca for review and approval. The plan shall include a detailed drainage plan that demonstrates attainment of pre-project runoff requirements prior to release at the outlet canal and describes the volume reduction measures and treatment controls used to reach attainment. The drainage plan shall identify all expected flows from the project area and the location, size, and type of facilities used to retain and treat the runoff volumes and peak flows to meet pre-project conditions. The approved drainage plan shall be incorporated into the proposed project.</p>	Approval of plan	Prior to the issuance of building or grading permits	City of Manteca Public Works		
<p><b>MM HYD-5a:</b> Prior to the issuance of grading or building permits, the project applicant must revisit the status of the provisionally accredited levees providing 100-year level of flood protection to the Master Plan area to determine it is still the case and the Master Plan remains outside of the 100-year flood hazard.</p>	Submittal of documentation	Prior to the issuance of grading or building permits	City of Manteca Community Development Department & Public Works		
<p><b>MM HYD-5b:</b> Prior to the issuance of grading permits, the project applicant shall either demonstrate that the developed portions of the Master Plan are outside of the anticipated 200-year flood hazard area or incorporate measures into the Master Plan to achieve a 200-year level of flood protection for any site installations that will occur in 2012 or later.</p>	Submittal of documentation	Prior to the issuance of grading permits	City of Manteca Community Development Department & Public Works		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<b>10. Noise</b>					
<p><b>MM NOI-1:</b> During construction activities for all Master Plan uses, the applicant shall require its construction contractors to adhere to the following noise attenuation requirements:</p> <ul style="list-style-type: none"> <li>• Construction activities shall be limited to the hours between 7 a.m. to 8 p.m. daily. The City of Manteca Director of Public Works shall have the discretion to permit construction activities to occur outside of allowable hours if compelling circumstances warrant such an exception (e.g., weather conditions necessary to pour concrete).</li> <li>• All construction equipment shall use noise-reduction features (e.g., mufflers and engine shrouds) that are no less effective than those originally installed by the manufacturer. If no noise-reduction features were installed by the manufacturer, then the contractor shall require that at least a muffler be installed on the equipment.</li> <li>• Construction staging and heavy equipment maintenance activities shall be performed a minimum distance of 300 feet from the nearest residence, unless safety or technical factors take precedence (e.g., an equipment breakdown).</li> <li>• A 10-foot-high construction noise barrier shall be installed along the edge of the Master Plan area within 300 feet of any offsite residence prior to start of grading activities. The noise barrier shall either be constructed of a minimum 0.5-inch plywood or utilize acoustical blankets with a minimum Sound Transmission Class of 12. The barrier shall remain in place until noise intensive aspects of construction are completed.</li> </ul>	Notes on construction plans; site inspection	During construction activities for all Master Plan uses	City of Manteca Community Development Department Building Division & Public Works		



**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<b>MM NOI-4:</b> During Master Plan operations, the use of street sweepers and mechanical landscape maintenance equipment (lawnmowers, leaf blowers, etc.) shall be prohibited between the hours of 10 p.m. and 7 a.m.	Site inspection	During Master Plan operations	City of Manteca Community Development Department		
<b>11. Public Services and Utilities</b>					
<b>MM PSU-1:</b> Prior to issuance of building permits for any Master Plan uses, the project applicant shall provide the City of Manteca will all applicable fire protection development fees in accordance with the latest adopted fee schedule.	Receipt of fees	Prior to issuance of building permits for any Master Plan uses	City of Manteca Community Development Department		
<b>MM PSU-3a:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying a non-potable irrigation system that is separate from the potable water systems. The non-potable irrigation system shall use non-potable well water until recycled water is available, at which point it shall be converted to use recycled water.	Submittal of documentation	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department & Public Works		
<b>MM PSU-3b:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall prepare and submit documentation to the City of Manteca for review and approval identifying that all appropriate and feasible water conservation measures are incorporated into the proposed use(s). The approved measures shall be incorporated into the final development plans. Examples of water conservation measures include but are not limited to:  <ul style="list-style-type: none"> <li>• Drought-tolerant landscaping or xeriscaping</li> <li>• Water efficient irrigation systems (drip irrigation,</li> </ul>	Submittal of documentation	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
bubbler/soaker systems, hydrozones, evapotranspiration controllers, etc.) <ul style="list-style-type: none"> <li>• Sensor-activated low-flow fixtures (e.g., faucets, urinals, and toilets)</li> </ul>					
<b>MM PSU-6a:</b> Prior to issuance of building permits for any building developed pursuant to the Master Plan, the project applicant shall retain a qualified contractor to perform construction and demolition debris recycling. Following the completion of construction activities, the project applicant shall provide documentation to the satisfaction of the City of Manteca demonstrating that construction and demolition debris was recycled.	Submittal of documentation	Prior to issuance of building permits for any building developed pursuant to the Master Plan	City of Manteca Community Development Department		
<b>MM PSU-6b:</b> Prior to issuance of building permits for each building developed pursuant to the Master Plan, the project applicant shall provide information to the City of Manteca describing the methods by which recycling and waste diversion activities shall be achieved. This information shall include but is not limited to the type and location of facilities necessary to collect and store recyclable materials, contractors who would pick-up recyclable and reusable materials, and how recycling and waste diversion activities would be integrated into operational practices. To the extent feasible, centralized recycling facilities are encouraged to enhance the ease and efficiency of such practices. The approved facilities and practices shall be incorporated into the uses envisioned by the Master Plan.	Approval of plan	Prior to issuance of building permits for each building developed pursuant to the Master Plan	City of Manteca Community Development Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<b>12. Transportation</b>					
<b>MM TRANS-1:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall pay all transportation-related fees in accordance with the latest adopted fee schedule at the time permits are sought. Such fees shall include, but not be limited to, the City of Manteca Public Facilities Implementation Plan fee and the San Joaquin County Regional Transportation Impact Fee.	Receipt of fees	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department Building Division		
<b>MM TRANS-2a:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall provide fees to the City of Manteca for the installation of signals at the I-5 Northbound Ramps/Roth Road and I-5 Southbound Ramps/Roth Road intersections, provided that fee collection mechanism exists. Fee amounts shall be calculated in accordance with equitable share methodology. This mitigation measure shall be superseded by Mitigation Measure TRANS-1 if no fee collection mechanism exists for this improvement at the time building permits are sought.	Receipt of fees	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department & Public Works		
<b>MM TRANS-2b:</b> Prior to issuance of building permits for each Master Plan use, the applicant shall provide fees to the City of Manteca for improvements to the Roth Road/Harland Road intersection, provided that fee collection mechanism exists. The improvements shall consist of the installation of a signal and widening the westbound approach to include left-turn lane, through lane, and shared through/right lane. Fee amounts shall be calculated in accordance with equitable share methodology. This mitigation measure shall be superseded by Mitigation Measure TRANS-1 if no fee collection mechanism exists for this improvement at the time building permits are sought.	Receipt of fees	Prior to issuance of building permits for each Master Plan use	City of Manteca Community Development Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM TRANS-4a:</b> Prior to site plan review for each Master Plan use, the applicant shall consult with the City of Manteca Community Development Department about appropriate frontage improvements. All necessary frontage improvements shall be depicted on the final site plan and implemented as part of site development.</p>	Approval of plan	Prior to site plan review for each Master Plan use	City of Manteca Community Development Department & Public Works		
<p><b>MM TRANS-4b:</b> Prior to site plan review for each Master Plan use, the applicant shall consult with the City of Manteca Community Development Department and public Works about the following roadway access issues listed below. The access evaluations shall be performed in accordance with the City’s Transportation Impact Study Guidelines. All necessary improvements shall be depicted on the final site plan and implemented as part of site development. Issues include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Need for traffic signals at driveways</li> <li>• Traffic signal coordination and installation of associated signal conduits</li> <li>• Truck traffic volumes at driveways and associated lane storage requirements, right-turn deceleration needs, and curb return radii</li> <li>• Coordination and accommodation of driveways for future projects on the opposite side of the street</li> <li>• Pavement thickness</li> </ul>	Approval of plan	Prior to site plan review for each Master Plan use	City of Manteca Community Development Department & Public Works		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM TRANS-6a:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department, City of Manteca Public Works, Manteca Transit, and the San Joaquin Regional Transit District about the inclusion of appropriate transit facilities (turnouts, shelters, etc.) or services (e.g., an employee shuttle). If transit facilities are deemed to be necessary, they shall be provided on the final site plan. If transit services are deemed to be necessary, the applicant shall prepare a service plan and submit it to the City of Manteca for review and approval. The approved plan shall be incorporated into the project. To the extent feasible, transit facilities and services shall be coordinated among Master Plan uses to maximize efficiency and effectiveness.</p>	Approval of plan	Prior to site plan review for each Master Plan light industrial use	City of Manteca Community Development Department & Public Works		
<p><b>MM TRANS-6b:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate bicycle facilities (racks, lockers, etc.). If bicycle facilities are deemed to be necessary, such facilities shall be provided on the final site plan.</p>	Approval of plan	Prior to site plan review for each Master Plan light industrial use	City of Manteca Community Development Department		
<p><b>MM TRANS-6c:</b> Prior to site plan review for each Master Plan light industrial use, the applicant shall consult with the City of Manteca Community Development Department about the inclusion of appropriate pedestrian facilities. If pedestrian facilities are deemed to be necessary, such facilities shall be provided on the final site plan.</p>	Approval of plan	Prior to site plan review for each Master Plan light industrial use	City of Manteca Community Development Department		

**Table 1 (cont.): Northwest Airport Way Master Plan Mitigation Monitoring and Reporting Program**

Mitigation Measures	Method of Verification	Timing of Verification	Responsible for Verification	Verification of Completion	
				Date	Initial
<p><b>MM TRANS-6d:</b> Prior to site plan review for the Master Plan community commercial use, the applicant shall prepare and submit plans to the City of Manteca demonstrating access and facilities for public transit, bicycles, and pedestrians. Public transit facilities shall consist of at least one bus turnout with shelter, lighting, trash receptacle, and direct pedestrian connection to the community commercial center. Bicycle facilities shall consist of racks near building entrances that provide storage equivalent to 2 percent of the minimum Municipal Code parking requirement. Pedestrian facilities shall consist of sidewalks along street frontages and direct connections between buildings. The approved facilities shall be incorporated in the community commercial center plans.</p>	Approval of plan	Prior to site plan review for the Master Plan community commercial use	City of Manteca Community Development Department & Public Works		
<p><b>MM TRANS-7:</b> Prior to issuance of grading permits for each Master Plan use, the applicant shall submit a Construction Traffic Control Plan to the City of Manteca for review and approval. The plan shall identify the timing and routing of all major construction equipment and trucking to avoid potential traffic congestion and delays on the local street network. The plan shall encourage the use of Interstate 5 (I-5), Roth Road, Airport Way, and Lathrop Road wherever practical. Anticipated temporary road closures should be identified, along with safety measures and detours. If necessary, construction equipment and materials deliveries shall be limited to off-peak hours to avoid conflicts with local traffic circulation. The plan shall also identify suitable locations for construction worker parking.</p>	Approval of plan	Prior to issuance of grading permits for each Master Plan use	City of Manteca Public Works		

## APPENDIX D: NOISE STUDY

## Environmental Noise Assessment

# GBx Manteca Beverage Distribution Facility

City of Manteca, California

March 10, 2022

Project #211011

Prepared for:

**DE NOVO PLANNING GROUP**



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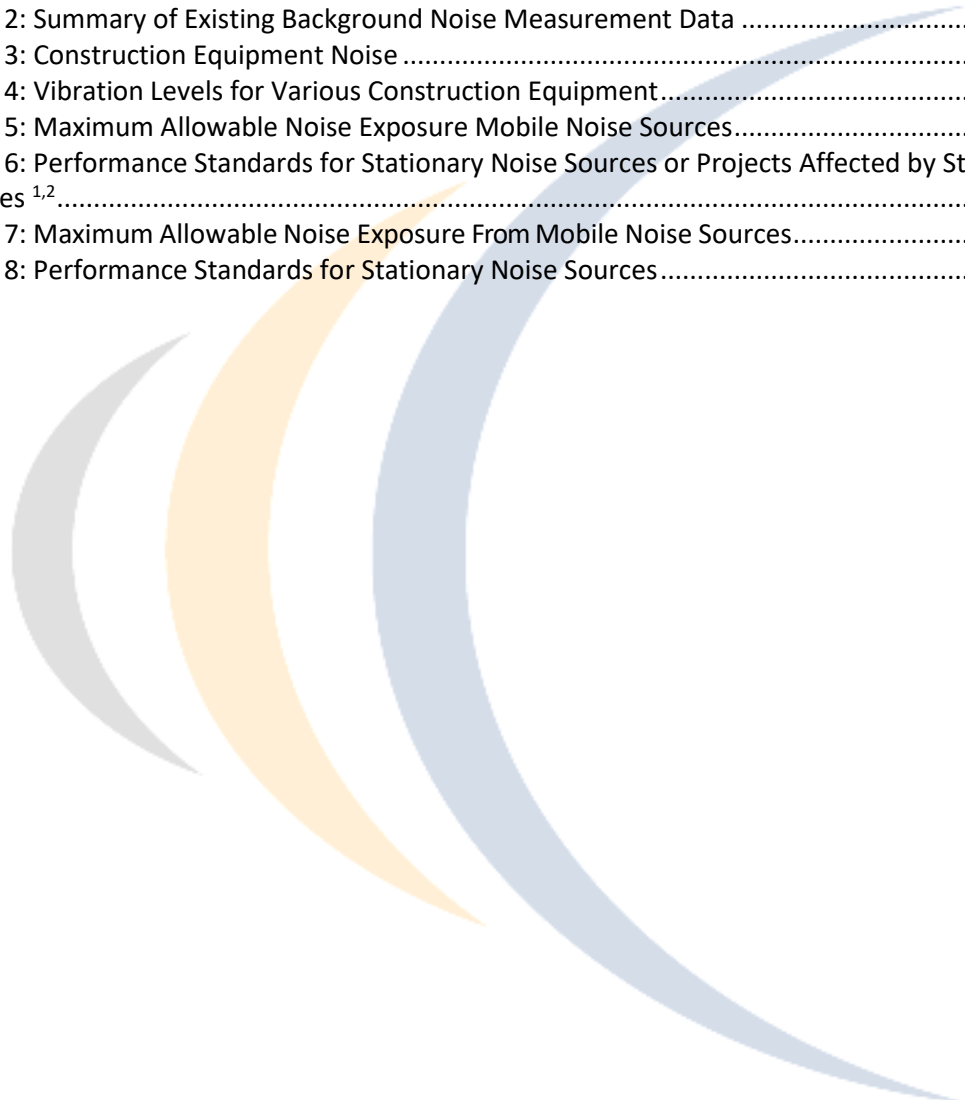
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## INTRODUCTION

The GBx Manteca Beverage Distribution Facility project includes the construction of a 294,943 s.f. warehouse with loading docks and a truck service shop located in the City of Manteca, California. The project is located west of Airport Way and north of Lathrop Road. The project will provide 56 parking spaces for semi-trucks and 251 parking spaces for passenger vehicles. Surrounding land uses include industrial and agricultural uses. Existing single-family residential uses are located to the east of the project site.

**Figure 1** shows the project site plan. **Figure 2** shows an aerial photo of the project site and noise measurement locations.

## ENVIRONMENTAL SETTING

### BACKGROUND INFORMATION ON NOISE

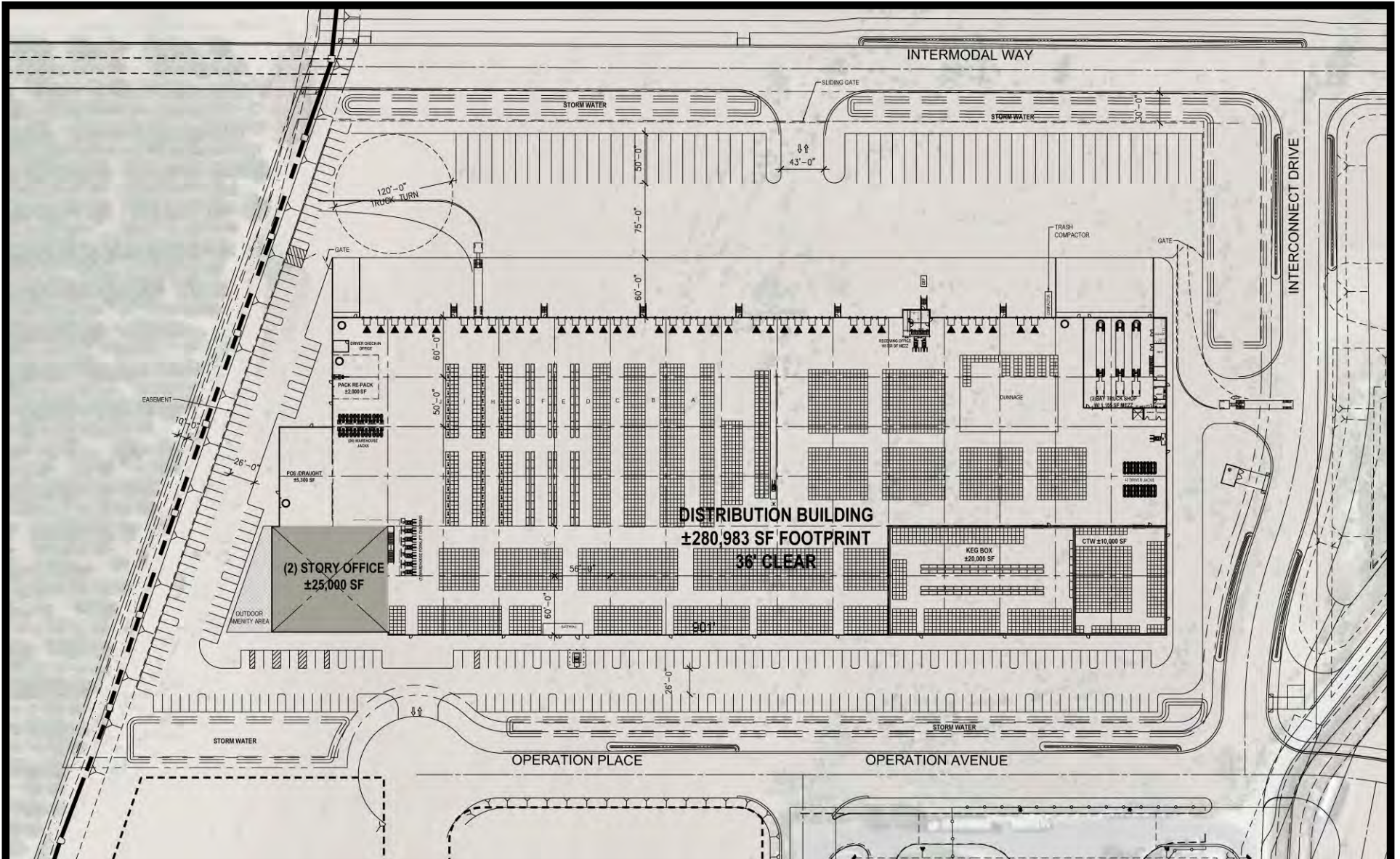
#### *Fundamentals of Acoustics*

Acoustics is the science of sound. Sound may be thought of as mechanical energy of a vibrating object transmitted by pressure waves through a medium to human (or animal) ears. If the pressure variations occur frequently enough (at least 20 times per second), then they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound and is expressed as cycles per second or Hertz (Hz).

Noise is a subjective reaction to different types of sounds. Noise is typically defined as (airborne) sound that is loud, unpleasant, unexpected or undesired, and may therefore be classified as a more specific group of sounds. Perceptions of sound and noise are highly subjective from person to person.

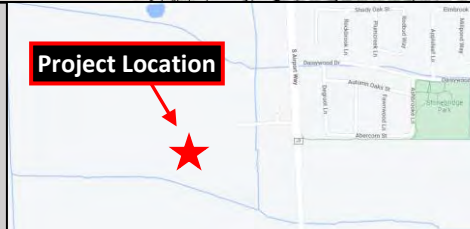
Measuring sound directly in terms of pressure would require a very large and awkward range of numbers. To avoid this, the decibel scale was devised. The decibel scale uses the hearing threshold (20 micropascals), as a point of reference, defined as 0 dB. Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The decibel scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels (dB) correspond closely to human perception of relative loudness.

The perceived loudness of sounds is dependent upon many factors, including sound pressure level and frequency content. However, within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by A-weighted sound levels. There is a strong correlation between A-weighted sound levels (expressed as dBA) and the way the human ear perceives sound. For this reason, the A-weighted sound level has become the standard tool of environmental noise assessment.



**GBx Manteca Beverage Distribution Facility**  
 City of Manteca, California

Figure 1  
 Project Site Plan





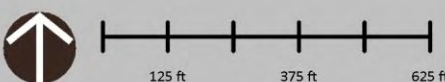
# GBx Manteca Beverage Distribution Facility

City of Manteca, California

Figure 2  
Noise Measurement Sites

### Legend

- Project Site
- ▲ Noise Measurement Site - Long Term



Projection: UTM Zone 10 / WGS84 / meters  
Rev. Date: 12/21/2021



The decibel scale is logarithmic, not linear. In other words, two sound levels 10-dB apart differ in acoustic energy by a factor of 10. When the standard logarithmic decibel is A-weighted, an increase of 10-dBA is generally perceived as a doubling in loudness. For example, a 70-dBA sound is half as loud as an 80-dBA sound, and twice as loud as a 60 dBA sound.

Community noise is commonly described in terms of the ambient noise level, which is defined as the all-encompassing noise level associated with a given environment. A common statistical tool is the average, or equivalent, sound level ( $L_{eq}$ ), which corresponds to a steady-state A weighted sound level containing the same total energy as a time varying signal over a given time period (usually one hour). The  $L_{eq}$  is the foundation of the composite noise descriptor,  $L_{dn}$ , and shows very good correlation with community response to noise.

The day/night average level (DNL or  $L_{dn}$ ) is based upon the average noise level over a 24-hour day, with a +10-decibel weighing applied to noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours. The nighttime penalty is based upon the assumption that people react to nighttime noise exposures as though they were twice as loud as daytime exposures. Because  $L_{dn}$  represents a 24-hour average, it tends to disguise short-term variations in the noise environment.

**Table 1** lists several examples of the noise levels associated with common situations. **Appendix A** provides a summary of acoustical terms used in this report.

**TABLE 1: TYPICAL NOISE LEVELS**

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	--110--	Rock Band
Jet Fly-over at 300 m (1,000 ft.)	--100--	
Gas Lawn Mower at 1 m (3 ft.)	--90--	
Diesel Truck at 15 m (50 ft.), at 80 km/hr. (50 mph)	--80--	Food Blender at 1 m (3 ft.) Garbage Disposal at 1 m (3 ft.)
Noisy Urban Area, Daytime Gas Lawn Mower, 30 m (100 ft.)	--70--	Vacuum Cleaner at 3 m (10 ft.)
Commercial Area Heavy Traffic at 90 m (300 ft.)	--60--	Normal Speech at 1 m (3 ft.)
Quiet Urban Daytime	--50--	Large Business Office Dishwasher in Next Room
Quiet Urban Nighttime	--40--	Theater, Large Conference Room (Background)
Quiet Suburban Nighttime	--30--	Library
Quiet Rural Nighttime	--20--	Bedroom at Night, Concert Hall (Background)
	--10--	Broadcast/Recording Studio
Lowest Threshold of Human Hearing	--0--	Lowest Threshold of Human Hearing

Source: Caltrans, *Technical Noise Supplement, Traffic Noise Analysis Protocol*. September, 2013.

### ***Effects of Noise on People***

The effects of noise on people can be placed in three categories:

- Subjective effects of annoyance, nuisance, and dissatisfaction
- Interference with activities such as speech, sleep, and learning
- Physiological effects such as hearing loss or sudden startling

Environmental noise typically produces effects in the first two categories. Workers in industrial plants can experience noise in the last category. There is no completely satisfactory way to measure the subjective effects of noise or the corresponding reactions of annoyance and dissatisfaction. A wide variation in individual thresholds of annoyance exists and different tolerances to noise tend to develop based on an individual's past experiences with noise.

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

With regard to increases in A-weighted noise level, the following relationships occur:

- Except in carefully controlled laboratory experiments, a change of 1-dBA cannot be perceived;
- Outside of the laboratory, a 3-dBA change is considered a just-perceivable difference;
- A change in level of at least 5-dBA is required before any noticeable change in human response would be expected; and
- A 10-dBA change is subjectively heard as approximately a doubling in loudness, and can cause an adverse response.

Stationary point sources of noise – including stationary mobile sources such as idling vehicles – attenuate (lessen) at a rate of approximately 6-dB per doubling of distance from the source, depending on environmental conditions (i.e. atmospheric conditions and either vegetative or manufactured noise barriers, etc.). Widely distributed noises, such as a large industrial facility spread over many acres, or a street with moving vehicles, would typically attenuate at a lower rate.

## EXISTING AND FUTURE NOISE AND VIBRATION ENVIRONMENTS

### EXISTING NOISE RECEPTORS

Some land uses are considered more sensitive to noise than others. Land uses often associated with sensitive receptors generally include residences, schools, libraries, hospitals, and passive recreational areas. Sensitive noise receptors may also include threatened or endangered noise sensitive biological species, although many jurisdictions have not adopted noise standards for wildlife areas. Noise sensitive land uses are typically given special attention in order to achieve protection from excessive noise.

Sensitivity is a function of noise exposure (in terms of both exposure duration and insulation from noise) and the types of activities involved. In the vicinity of the project site, sensitive land uses include existing single-family residential uses located east of the project site.

### EXISTING GENERAL AMBIENT NOISE LEVELS

The existing ambient noise environment in the project vicinity is primarily defined by traffic on Airport Way. Saxelby Acoustics conducted a continuous noise measurement survey to quantify the existing ambient noise environment at the project site. The noise measurement location is shown on **Figure 2**. A summary of the noise level measurement survey results is provided in **Table 2**. **Appendix B** contains the complete results of the noise monitoring.

The sound level meter was programmed to record the maximum, median, and average noise levels at the project site during the survey. The maximum value, denoted  $L_{max}$ , represents the highest noise level measured. The average value, denoted  $L_{eq}$ , represents the energy average of all of the noise received by the sound level meter microphone during the monitoring period. The median value, denoted  $L_{50}$ , represents the sound level exceeded 50 percent of the time during the monitoring period.

A Larson Davis Laboratories (LDL) Model 820 precision integrating sound level meter was used for the ambient noise level measurement survey. The meter was calibrated before and after use with a CAL200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

**TABLE 2: SUMMARY OF EXISTING BACKGROUND NOISE MEASUREMENT DATA**

Location	Date	$L_{dn}$	Daytime $L_{eq}$	Daytime $L_{50}$	Daytime $L_{max}$	Nighttime $L_{eq}$	Nighttime $L_{50}$	Nighttime $L_{max}$
LT-1: 100 ft. to CL of Monterey Rd.	4/29/2021	72	69	63	86	64	55	82

*Notes:*

- All values shown in dBA
- Daytime hours: 7:00 a.m. to 10:00 p.m.
- Nighttime Hours: 10:00 p.m. to 7:00 a.m.
- Source: Saxelby Acoustics 2021



## EVALUATION OF PROJECT OPERATIONAL NOISE AT RESIDENTIAL RECEPTORS

### LOADING DOCK NOISE GENERATION

To determine typical noise levels associated with the proposed loading docks, noise level measurement data from a United Natural Foods, Inc. (UNFI) warehouse was used. The noise level measurements were conducted at a distance of 200 feet from the center of the loading dock and circulation area. Activities during the peak hour of loading dock activities included truck arrival/departures, truck idling, truck backing, air brake release, and operation of truck-mounted refrigeration units.

The results of the loading dock noise measurements indicate that a busy hour generated an average noise level of 61 dBA  $L_{eq}$  at a distance of 200 feet from the center of the loading dock truck maneuvering lanes. This analysis assumes that the proposed loading docks would operate at this level of activity in a busy hour during either daytime (7:00 a.m. to 10:00 p.m.) or nighttime (10:00 p.m. to 7:00 a.m.).

### TRUCK SHOP

To determine typical noise levels associated with the Truck Shop on the project site, noise level measurement data from a Sacramento Unified School District bus repair facility was utilized. The noise level measurements were conducted at a distance of 120 feet from the repair shop entrance. Primary noise generation emanated from pneumatic tools.

The results of the bus repair shop noise measurements indicate that a busy hour generated an average noise level of 61 dBA  $L_{eq}$  and 76 dBA  $L_{max}$  at a distance of 120 feet from the bay of the bus repair shop. This analysis conservatively assumes that the Truck Shop could operate at this level of activity in a busy hour.

### PARKING LOT CIRCULATION

Based upon the project traffic study, the peak hour trips for the project would be 60 passenger vehicles and 11 tractor-trailers. Based upon noise measurements conducted of vehicle movements in parking lots, the sound exposure level (SEL) for a single passenger vehicle is 71 dBA at a distance of 50 feet while the SEL of a tractor-trailer is 85 dBA at the same distance.

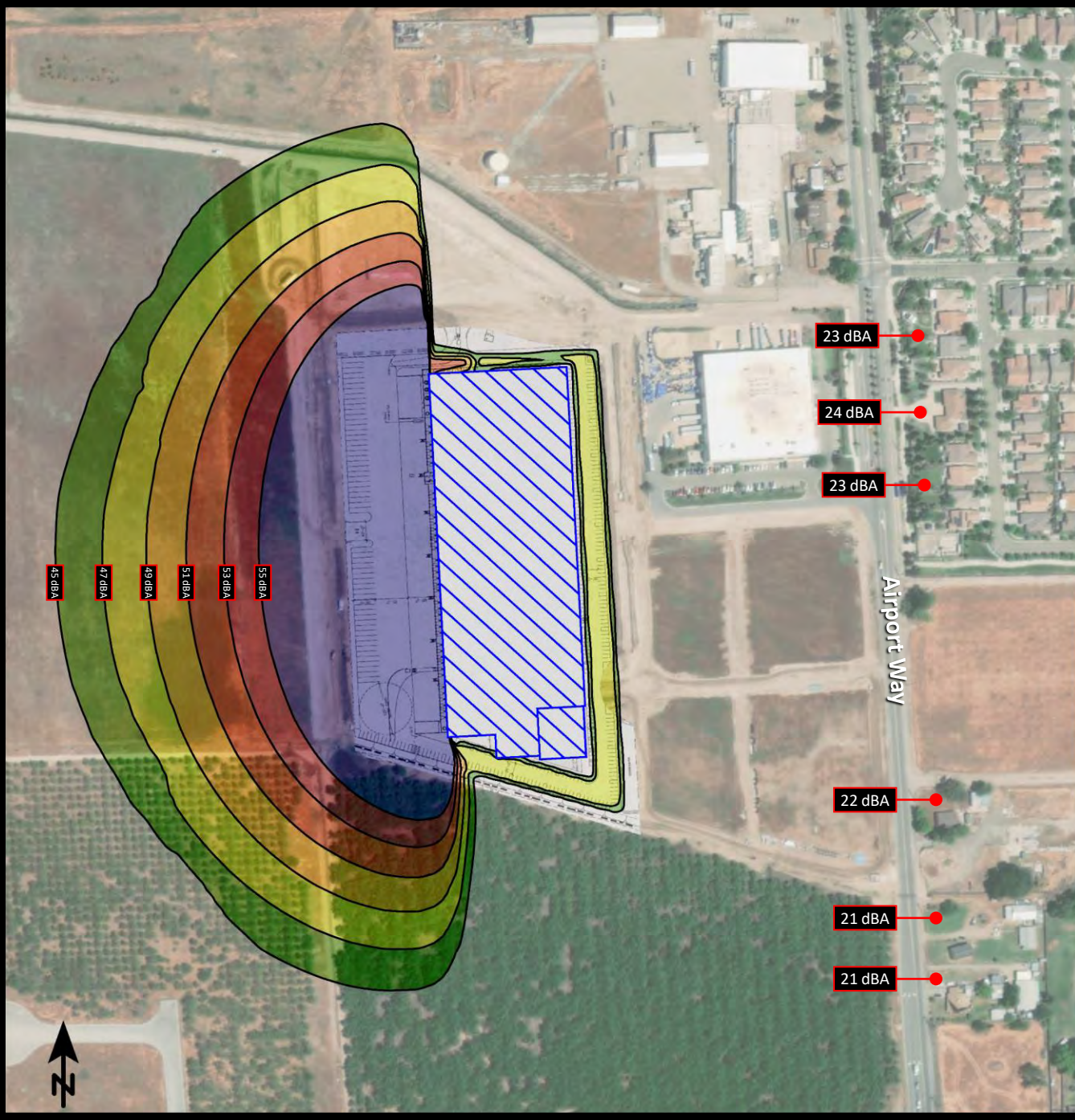
Saxelby Acoustics used the SoundPLAN noise model to calculate noise levels at the nearest sensitive receptors. Input data included the loading dock, truck shop, and parking lot noise generation, as discussed above. The results of this analysis are displayed graphically in **Figure 3** in terms of the nighttime (10:00 p.m. to 7:00 a.m.) average ( $L_{eq}$ ) value. Daytime (7:00 a.m. to 10:00 p.m.) operations would occur at the same level as nighttime operations. Maximum values are expected to be no more than 20 dBA higher than average ( $L_{eq}$ ) values.

# GBx Manteca Beverage Distribution Facility


City of Manteca, California

Figure 3








Project Noise Contours (dBA  $L_{eq}$ )



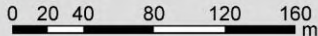
### Signs and symbols

 Proposed Building

### Levels in dB(A)

	<= 45
	45 - 47
	47 - 49
	49 - 51
	51 - 53
	53 - 55
	> 55

1 : 4000



## CONSTRUCTION NOISE ENVIRONMENT

During the construction of the proposed project noise from construction activities would temporarily add to the noise environment in the project vicinity. As shown in **Table 3**, activities involved in construction would generate maximum noise levels ranging from 76 to 90 dB at a distance of 50 feet.

**TABLE 3: CONSTRUCTION EQUIPMENT NOISE**

Type of Equipment	Maximum Level, dBA at 50 feet
Auger Drill Rig	84
Backhoe	78
Compactor	83
Compressor (air)	78
Concrete Saw	90
Dozer	82
Dump Truck	76
Excavator	81
Generator	81
Jackhammer	89
Pneumatic Tools	85

Source: Roadway Construction Noise Model User's Guide. Federal Highway Administration. FHWA-HEP-05-054. January 2006.

## CONSTRUCTION VIBRATION ENVIRONMENT

The primary vibration-generating activities associated with the proposed project would occur during construction when activities such as grading, utilities placement, and parking lot construction occur. **Table 4** shows the typical vibration levels produced by construction equipment.

**TABLE 4: VIBRATION LEVELS FOR VARIOUS CONSTRUCTION EQUIPMENT**

Type of Equipment	Peak Particle Velocity at 25 feet (inches/second)	Peak Particle Velocity at 50 feet (inches/second)	Peak Particle Velocity at 100 feet (inches/second)
Large Bulldozer	0.089	0.031	0.011
Loaded Trucks	0.076	0.027	0.010
Small Bulldozer	0.003	0.001	0.000
Auger/drill Rigs	0.089	0.031	0.011
Jackhammer	0.035	0.012	0.004
Vibratory Hammer	0.070	0.025	0.009
Vibratory Compactor/roller	0.210 (Less than 0.20 at 26 feet)	0.074	0.026

Source: *Transit Noise and Vibration Impact Assessment Guidelines*. Federal Transit Administration. May 2006.

## REGULATORY CONTEXT

### FEDERAL

There are no federal regulations related to noise that apply to the Proposed Project.

### STATE

There are no state regulations related to noise that apply to the Proposed Project.

### LOCAL

#### ***City of Manteca General Plan***

Exterior and interior noise standards for residential land uses are established within the City of Manteca General Plan Noise Element. Policies contained in the Noise Element applicable to the proposed project include:

#### ***The City of Manteca General Plan – Existing (2003) General Plan***

The City of Manteca General Plan Noise Element contains goals, policies, and implementation measures for assessing noise impacts within the City. Listed below are the noise goals, policies, and implementation measures that are applicable to the proposed Project (City of Manteca as amended through 2016):

Goals: Noise

- N-1. Protect the residents of Manteca from the harmful and annoying effects of exposure to excessive noise.
- N-3. Ensure that the downtown core noise levels remain acceptable and compatible with commercial and higher density residential land uses.
- N-4. Protect public health and welfare by eliminating existing noise problems where feasible, by establishing standards for acceptable indoor and outdoor noise, and by preventing significant increases in noise levels.
- N-5. Incorporate noise considerations into land use planning decisions, and guide the location and design of transportation facilities to minimize the effects of noise on adjacent land uses.

Policies: Noise

- N-P-2. New development of residential or other noise-sensitive land uses will not be permitted in noise-impacted areas unless effective mitigation measures are incorporated into the project design to satisfy the performance standards in Table 9-1 [Table 2].

**TABLE 5: MAXIMUM ALLOWABLE NOISE EXPOSURE MOBILE NOISE SOURCES**

Land Use <sup>4</sup>	Outdoor Activity Areas <sup>1</sup>	Interior Spaces	
		Ldn/CNEL, dB	Leq/CNEL, dB <sup>3</sup>
Residential	60 <sup>2</sup>	45	--
Transient Lodging	60 <sup>2</sup>	45	--
Hospitals, Nursing Homes	60 <sup>2</sup>	45	--
Theatres, Auditoriums, Music Halls	--	--	35
Churches, Music Halls	60 <sup>2</sup>	--	40
Office Buildings	65	--	45
Schools, Libraries, Museums	--	--	45
Playgrounds, Neighborhood Parks	70	--	--

Notes: <sup>1</sup> Outdoor activity areas for residential development are considered to be backyard patios or decks of single family dwellings, and the common areas where people generally congregate for multi-family developments. Outdoor activity areas for non-residential developments are considered to be those common areas where people generally congregate, including pedestrian plazas, seating areas, and outside lunch facilities. Where the location of outdoor activity areas is unknown, the exterior noise level standard shall be applied to the property line of the receiving land use.

<sup>2</sup> In areas where it is not possible to reduce exterior noise levels to 60 dB L<sub>dn</sub> or below using a practical application of the best noise-reduction technology, an exterior noise level of up to 65 L<sub>dn</sub> will be allowed.

<sup>3</sup> Determined for a typical worst-case hour during periods of use.

<sup>4</sup> Where a proposed use is not specifically listed on the table, the use shall comply with the noise exposure standards for the nearest similar use as determined by the City.

Source: City of Manteca General Plan, Noise Element, Table 9-1.

- N-P-3. The City may permit the development of new noise-sensitive uses only where the noise level due to fixed (non-transportation) noise sources satisfies the noise level standards of Table

9-2 [Table 3.10-9]. Noise mitigation may be required to meet Table 9-2 [Table 3] performance standards.

**TABLE 6: PERFORMANCE STANDARDS FOR STATIONARY NOISE SOURCES OR PROJECTS AFFECTED BY STATIONARY NOISE SOURCES<sup>1,2</sup>**

Noise Level Descriptor	Daytime (7 AM – 10 PM)	Nighttime (10 PM – 7 AM)
Hourly $L_{eq}$ , dB	50	45
Maximum Level, dB	70	65

Notes: <sup>1</sup> Each of the noise levels specified above should be lowered by five (5) dB for simple noise tones, noises consisting primarily of speech or music, or recurring impulsive noises. Such noises are generally considered by residents to be particularly annoying and are a primary source of noise complaints.

<sup>2</sup> No standards have been included for interior noise levels. Standard construction practices should, with the exterior noise levels identified, result in acceptable interior noise levels.

Source: City of Manteca General Plan, Noise Element, Table 9-2.

- N-P-5. In accord with the Table 9-2 [Table 3] standards, the City shall regulate construction-related noise impacts on adjacent uses.

#### Implementation Measures: Noise

- N-I-1. New development in residential areas with an actual or projected exterior noise level of greater than 60 dB  $L_{dn}$  will be conditioned to use mitigation measures to reduce exterior noise levels to less than or equal to 60 dB  $L_{dn}$ .
- N-I-3. In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are increased by 10 dB or more. An increase from 5-10 dB may be substantial. Factors to be considered in determining the significance of increases from 5-10 dB include:
  - the resulting noise levels
  - the duration and frequency of the noise
  - the number of people affected
  - the land use designation of the affected receptor sites
  - public reactions or controversy as demonstrated at workshops or hearings, or by correspondence
  - prior CEQA determinations by other agencies specific to the project
- N-I-4. Control noise at the source through use of insulation, berms, building design and orientation, buffer space, staggered operating hours and other techniques. Use noise barriers to attenuate noise to acceptable levels.

## ***The City of Manteca General Plan – Proposed General Plan Update***

It is expected that the City’s General Plan update may be adopted prior to the approval of the 320 Airport Way project. Therefore, the goals and policies of the proposed General Plan are also considered in this document. The City of Manteca General Plan Update noise goals, policies, and implementation measures are included below:

### Goals

Goal S-5: Protect the quality of life by protecting the community from harmful and excessive noise.

### Policies

- S-5.1 Incorporate noise considerations into land use, transportation, and infrastructure planning decisions, and guide the location and design of noise-producing uses to minimize the effects of noise on adjacent noise-sensitive land uses, including residential uses and schools.
- S-5.2 Ensure that Downtown noise levels remain acceptable and compatible with a pedestrian-oriented environment and higher density residential land uses.
- S-5.3 Areas within Manteca exposed to existing or projected exterior noise levels from mobile noise sources exceeding the performance standards in Table S-1 (Table 4) shall be designated as noise-impacted areas.
- S-5.4 Require residential and other noise-sensitive development projects to satisfy the noise level criteria in Tables S-1 and S-2.
- S-5.5 Require new stationary noise sources proposed adjacent to noise sensitive uses to be mitigated so as to not exceed the noise level performance standards in Table S-2 (Table 5), or a substantial increase in noise levels established through a detailed ambient noise survey.
- S-5.6 Regulate construction-related noise to reduce impacts on adjacent uses to the criteria identified in Table S-2 (Table 5) or, if the criteria in Table S-2 (Table 5) cannot be met, to the maximum level feasible using best management practices and complying with the MMC Chapter 9.52.
- S-5.7 Where the development of residential or other noise-sensitive land use is proposed for a noise-impacted area or where the development of a stationary noise source is proposed in the vicinity of noise-sensitive uses, an acoustical analysis is required as part of the environmental review process so that noise mitigation may be considered in the project design. The acoustical analysis shall:
  - Be the responsibility of the applicant.
  - Be prepared by a qualified acoustical consultant experienced in the fields of environmental noise assessment and architectural acoustics.
  - Include representative noise level measurements with sufficient sampling periods and locations to adequately describe local conditions and the predominant noise sources.
  - Estimate existing and projected (20 years) noise levels in terms of the standards of Table S-1 (Table 4) or Table S-2 (Table 5), and compare those levels to the adopted policies of the

Noise Element.

Recommend appropriate mitigation measures to achieve compliance with the adopted policies and standards of the Noise Element.

Estimate noise exposure after the prescribed mitigation measures have been implemented.

If necessary, describe a post-project assessment program to monitor the effectiveness of the proposed mitigation measures.

- S-5.8 Apply noise level criteria applied to land uses other than residential or other noise-sensitive uses consistent with noise performance levels of Table S-1 (Table 4) and Table S-2 (Table 5).
- S-5.9 Enforce the Sound Transmission Control Standards of the California Building Code concerning the construction of new multiple occupancy dwellings such as hotels, apartments, and condominiums.
- S-5.10 Ensure that new equipment and vehicles purchased by the City comply with noise level performance standards consistent with the best available noise reduction technology.
- S-5.11 Require the Manteca Police Department to actively enforce requirements of the California Vehicle Code relating to vehicle mufflers and modified exhaust systems.
- S-5.12 For new residential development backing on to a freeway or railroad right-of-way, the developer shall be required to provide appropriate mitigation measures to satisfy the performance standards in Table S-1 (Table 4).
- S-5.13 It is recognized that the City and surrounding areas are considered to be urban in nature and rely upon both the industrial and agricultural economy of the area. Therefore, it is recognized that noise sources of existing uses may exceed generally accepted standards.
- S-5.14 Carefully review and give potentially affected residents an opportunity to fully review any proposals for the establishment of helipads or heliports.
- S-5.15 Recognizing that existing noise-sensitive uses may be exposed to increase noise levels due to circulation improvement projects associated with development under the General Plan and that it may not be feasible to reduce increased traffic noise levels to the criteria identified in Table S-1 (Table 4), the following criteria may be used to determine the significance of noise impacts associated with circulation improvement projects:
- Where existing traffic noise levels are less than 60 dB Ldn at the outdoor activity areas of noise-sensitive uses, a +5 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant; and
- Where existing traffic noise levels range between 60 and 65 dB Ldn at the outdoor activity areas of noise-sensitive uses, a +3 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant; and
- Where existing traffic noise levels are greater than 65 dB Ldn at the outdoor activity areas of noise-sensitive uses, a + 1.5 dB Ldn increase in noise levels due to roadway improvement projects will be considered significant.



- S-5.16 Work with the Federal Railroad Administration and passenger and freight rail operators to reduce exposure to rail and train noise, including establishing train horn “quiet zones” consistent with the federal regulations.

### Implementation

- S-5a *Require an acoustical analysis that complies with the requirements of S-5.7 where:*

*Noise sensitive land uses are proposed in areas exposed to existing or projected noise levels exceeding the levels specified in Table S-1 (Table 4) or S-2.*

*Proposed transportation projects are likely to produce noise levels exceeding the levels specified in Table S-1 (Table 4) or S-2 at existing or planned noise sensitive uses.*

- S-5b *Assist in enforcing compliance with noise emissions standards for all types of vehicles, established by the California Vehicle Code and by federal regulations, through coordination with the Manteca Police Department and the California Highway Patrol.*

- S-5c *Update the City’s Noise Ordinance (Chapter 9.52) to reflect the noise standards established in this Noise Element and proactively enforce the City’s Noise Ordinance, including requiring the following measures for construction:*

- *Restrict construction activities to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturdays. No construction shall be permitted outside of these hours or on Sundays or federal holidays, without a specific exemption issued by the City.*
- *A Construction Noise Management Plan shall be submitted by the applicant for construction projects, when determined necessary by the City. The Construction Noise Management Plan shall include proper posting of construction schedules, appointment of a noise disturbance coordinator, and methods for assisting in noise reduction measures.*
- *Noise reduction measures may include, but are not limited to, the following:*
  - a. *Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically attenuating shields or shrouds) wherever feasible.*
  - b. *Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. This muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available. this could achieve a reduction of 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures.*
  - c. *Temporary power poles shall be used instead of generators where feasible.*

- d. *Stationary noise sources shall be located as far from adjacent properties as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City of provide equivalent noise reduction.*
- e. *The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.*
- f. *Delivery of materials shall observe the hours of operation described above.*
- g. *Truck traffic should avoid residential areas to the extent possible.*

*S-5d In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are have a substantial increase. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:*

- o *When existing noise levels are less than 60 dB, a 5 dB increase in noise will be considered substantial;*
- o *When existing noise levels are between 60 dB and 65 dB, a 3 dB increase in noise will be considered substantial;*
- o *When existing noise levels exceed 65 dB, a 1.5 dB increase in noise will be considered substantial.*

*Additional or alternative criteria can be used for determining a substantial increase in noise levels. For instance, if the overall increase in noise levels occurs where no noise-sensitive uses are located, then the City may use their discretion in determining if there is any impact at all. In such a case, the following alternative factors may be used for determining a substantial increase in noise levels:*

- o *the resulting noise levels;*
- o *the duration and frequency of the noise;*
- o *the number of people affected;*
- o *conforming or non-conforming land uses;*
- o *the land use designation of the affected receptor sites;*
- o *public reactions or controversy as demonstrated at workshops or hearings, or by correspondence; and*
- o *prior CEQA determinations by other agencies specific to the project.*

*S-5e Control noise at the source through use of insulation, berms, building design and orientation, buffer space, staggered operating hours, and similar techniques. Where such techniques would not meet acceptable levels, use noise barriers to attenuate noise associated with new noise sources to acceptable levels.*

- S-5f Require that all noise-attenuating features are designed to be attractive and to minimize maintenance.*
- S-5g Evaluate new transportation projects, such as truck routes, rail or public transit routes, and transit stations, using the standards contained in Table S-1 (Table 4). However, noise from these projects may be allowed to exceed the standards contained in Table S-1 (Table 4), if the City Council finds that there are special overriding circumstances.*
- S-5h Work with the Federal Rail Authority and passenger and freight rail service providers to establish a Quiet Zone at at-grade crossings in the City. Where new development would be affected by the train and rail noise, require project applicants to fund a fair-share of: a) studies associated with the application for a Quiet Zone, and b) alternative safety measures associated with the Quiet Zone (including, but not limited to signage, gates, lights, etc.).*
- S-5i Work in cooperation with Caltrans, the Union Pacific Railroad, San Joaquin Regional Rail Commission, and other agencies where appropriate to maintain noise level standards for both new and existing projects in compliance with Table S-1 (Table 4).*
- S-5j The City shall require new residential projects located adjacent to major freeways, truck routes, hard rail lines, or light rail lines to follow the FTA screening distance criteria to ensure that groundborne vibrations to do not exceed acceptable levels.*

**TABLE 7: MAXIMUM ALLOWABLE NOISE EXPOSURE FROM MOBILE NOISE SOURCES**

Land Use <sup>1</sup>	Outdoor Activity Areas <sup>2,3</sup>	Interior Spaces	
		Ldn/CNEL, dBA	Leq, dBA <sup>4</sup>
Residential	60	45	-
Motels/Hotels	65	45	-
Mixed-Use	65	45	-
Hospitals, Nursing Homes	60	45	-
Theaters, Auditoriums	-	-	35
Churches	60	-	40
Office Buildings	65	-	45
Schools, Libraries, Museums	70	-	45
Playgrounds, Neighborhood Parks	70	-	-
Industrial	75	-	45
Golf Courses, Water Recreation	70	-	-

<sup>1</sup>Where a proposed use is not specifically listed, the use shall comply with the standards for the most similar use as determined by the City.

<sup>2</sup>Outdoor activity areas for residential development are considered to be the back yard patios or decks of single family units and the common areas where people generally congregate for multi-family developments. Where common outdoor activity areas for multi-family developments comply with the outdoor noise level standard, the standard will not be applied at patios or decks of individual units provided noise-reducing measures are incorporated (e.g., orientation of patio/deck, screening of patio with masonry or other noise-attenuating material). Outdoor activity areas for non-residential developments are the common areas

where people generally congregate, including pedestrian plazas, seating areas, and outside lunch facilities; not all residential developments include outdoor activity areas.

<sup>3</sup>In areas where it is not possible to reduce exterior noise levels to achieve the outdoor activity area standard w using a practical application of the best noise-reduction technology, an increase of up to 5 Ldn over the standard will be allowed provided that available exterior noise reduction measures have been implemented and interior noise levels are in compliance with this table

<sup>4</sup>Determined for a typical worst-case hour during periods of use.

**TABLE 8: PERFORMANCE STANDARDS FOR STATIONARY NOISE SOURCES**

Noise Level Descriptor	Daytime	Nighttime
	7 am to 10 pm	10 pm to 7 am
Hourly Leq, dBA	h. 55	i. 45

<sup>1</sup>Each of the noise levels specified above should be lowered by 5 dB for simple noise tones, noises consisting primarily of speech or music, or recurring impulsive noises. Such noises are generally considered to be particularly annoying and are a primary source of noise complaints.

<sup>2</sup>No standards have been included for interior noise levels. Standard construction practices should, with the exterior noise levels identified, result in acceptable interior noise levels.

<sup>3</sup>Stationary noise sources which are typically of concern include, but are not limited to, the following:

- |                      |                                       |
|----------------------|---------------------------------------|
| HVAC Systems         | Cooling Towers/Evaporative Condensers |
| Pump Stations        | Lift Stations                         |
| Emergency Generators | Boilers                               |
| Steam Valves         | Steam Turbines                        |
| Generators           | Fans                                  |
| Air Compressors      | Heavy Equipment                       |
| Conveyor Systems     | Transformers                          |
| Pile Drivers         | Grinders                              |
| Drill Rigs           | Gas or Diesel Motors                  |
| Welders              | Cutting Equipment                     |
| Outdoor Speakers     | Blowers                               |

<sup>4</sup>The types of uses which may typically produce the noise sources described above include but are not limited to: industrial facilities, pump stations, trucking operations, tire shops, auto maintenance shops, metal fabricating shops, shopping centers, drive-up windows, car washes, loading docks, public works projects, batch plants, bottling and canning plants, recycling centers, electric generating stations, race tracks, landfills, sand and gravel operations, and athletic fields.

**City of Manteca Municipal Code Noise Ordinance**

Section 9.52.030 of the City of Manteca Municipal Code prohibits excessive or annoying noise or vibration to residential and commercial properties in the City. The following general rules are outline in the ordinance:

**9.52.030 Prohibited noises—General standard**

No person shall make, or cause to suffer, or permit to be made upon any public property, public right-of-way or private property, any unnecessary and unreasonable noises, sounds or vibrations which are

physically annoying to reasonable persons of ordinary sensitivity or which are so harsh or so prolonged or unnatural or unusual in their use, time or place as to cause or contribute to the unnecessary and unreasonable discomfort of any persons within the neighborhood from which said noises emanate or which interfere with the peace and comfort of residents or their guests, or the operators or customers in places of business in the vicinity, or which may detrimentally or adversely affect such residences or places of business. (Ord. 1374 § 1(part), 2007)

#### 17.58.050 D. Exempt Activities

8. Construction activities when conducted as part of an approved Building Permit, except as prohibited in Subsection 17.58.050(E)(1) (Prohibited Activities) below.

#### 17.58.050 E. Prohibited Activities

1. Construction Noise. Operating or causing the operation of tools or equipment on private property used in alteration, construction, demolition, drilling, or repair work daily between the hours of 7:00 p.m. and 7:00 a.m., so that the sound creates a noise disturbance across a residential property line, except for emergency work of public service utilities.

### **IMPACTS AND MITIGATION MEASURES**

#### **THRESHOLDS OF SIGNIFICANCE**

Consistent with Appendix G of the CEQA Guidelines, the Project will have a significant impact related to noise if it will result in:

Would the Project:

- a. Generate 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. Generate 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?

#### **DETERMINATION OF A SIGNIFICANT INCREASE IN NOISE LEVELS**

##### ***Existing (2003) General Plan Policies***

The CEQA guidelines define a significant impact of a Project if it “increases substantially the ambient noise levels for adjoining areas”. Implementation Measure N-I-3 of the City of Manteca General Plan Noise Element provides specific guidance for assessing increases in ambient noise, as follows:

*In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are increased by 10 dB or more. An increase from 5-10 dB may be substantial. Factors to be considered in determining the significance of increases from 5-10 dB include:*

- the resulting noise levels
- the duration and frequency of the noise
- the number of people affected
- the land use designation of the affected receptor sites
- public reactions/controversy as demonstrated at workshops/hearings, or by correspondence
- prior CEQA determinations by other agencies specific to the Project

### ***Proposed General Plan Policies***

Under the City's proposed General Plan Update, the following policy S-5d will apply when evaluating substantial noise increases:

In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels increase substantially. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:

- When existing noise levels are less than 60 dB, a 5 dB increase in noise will be considered substantial;
- When existing noise levels are between 60 dB and 65 dB, a 3 dB increase in noise will be considered substantial;
- When existing noise levels exceed 65 dB, a 1.5 dB increase in noise will be considered substantial.

Additional or alternative criteria can be used for determining a substantial increase in noise levels. For instance, if the overall increase in noise levels occurs where no noise-sensitive uses are located, then the City may use their discretion in determining if there is any impact at all. In such a case, the following alternative factors may be used for determining a substantial increase in noise levels:

- the resulting noise levels;
- the duration and frequency of the noise;
- the number of people affected;
- conforming or non-conforming land uses;
- the land use designation of the affected receptor sites;
- public reactions or controversy as demonstrated at workshops or hearings, or by correspondence; and
- prior CEQA determinations by other agencies specific to the Project.

## PROJECT-SPECIFIC IMPACTS AND MITIGATION MEASURES

**IMPACT 1:        WOULD THE PROJECT GENERATE 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?**

### ***Operational Noise at Sensitive Receptors***

As shown on **Figure 3**, the proposed project is predicted to generate noise levels of up to 24 dBA  $L_{eq}$  at the nearest sensitive receptors. These noise levels comply with the City of Manteca nighttime (10:00 p.m. to 7:00 a.m.) noise levels standard of 45 dBA  $L_{eq}$ .

It should be noted that maximum noise levels generated by the loading docks, truck shop, and on-site vehicle circulation are predicted to be 20 dBA, or less, than the average ( $L_{eq}$ ) values. The City of Manteca's maximum ( $L_{max}$ ) nighttime noise level standard is 65 dBA  $L_{max}$ , which is 20 dBA higher than the  $L_{eq}$  standard. Therefore, where average noise levels are in compliance with the  $L_{eq}$  standards, maximum noise levels will also meet the City's standards. Based upon the predicted average noise levels of 24 dBA, the maximum noise levels will be 44 dBA and comply with the City maximum standards.

Therefore, impacts resulting from operations noise would be required ***less-than-significant*** and do not require mitigation.

### ***Construction Noise***

During the construction of the Project, including roads, water, sewer lines, and related infrastructure, noise from construction activities would add to the noise environment in the Project vicinity. Existing receptors adjacent to the proposed construction activities are located north, southwest, and east of the site.

As indicated in **Table 3**, activities involved in construction would generate maximum noise levels ranging from 82 to 96 dB  $L_{max}$  at a distance of 50 feet. Noise would also be generated during the construction phase by increased truck traffic on area roadways. A significant Project-generated noise source would be truck traffic associated with transport of heavy materials and equipment to and from construction sites. This noise increase would be of short duration and would likely occur primarily during daytime hours.

Construction activities would be temporary in nature and are exempt from noise regulation during the hours of 7:00 AM to 7:00 PM, as outlined in the City's Municipal Code:

#### ***17.58.050 D. Exempt Activities***

8. Construction activities when conducted as part of an approved Building Permit, except as prohibited in Subsection **17.58.050(E)(1)** (Prohibited Activities) below.

#### ***17.58.050 E. Prohibited Activities***

1. Construction Noise. Operating or causing the operation of tools or equipment on private property used in alteration, construction, demolition, drilling, or repair work daily between the hours of 7:00 p.m. and 7:00 a.m., so that the sound creates a noise disturbance across a residential property line, except for emergency work of public service utilities.

Therefore, with implementation of Mitigation Measures 1(a) and 1(b), temporary construction noise impacts would be reduced to less than significant.

#### Mitigation Measures

**Mitigation Measure 1(a):** Construction activities shall adhere to the requirements of the City of Manteca Municipal Code with respect to hours of operation. This requirement shall be noted in the improvements plans prior to approval by the City's Public Works Department.

**Mitigation Measure 2(b):** All equipment shall be fitted with factory equipped mufflers, and in good working order. This requirement shall be noted in the improvements plans prior to approval by the City's Public Works Department.

Implementation of mitigation measures 1(a) and 1(b) would help to reduce construction-generated noise levels. With mitigation, this impact would be considered **less-than-significant**.

**IMPACT 2:        WOULD THE PROJECT GENERATE EXCESSIVE GROUND BORNE VIBRATION OR GROUND BORNE NOISE LEVELS?**

Construction vibration impacts include human annoyance and building structural damage. Human annoyance occurs when construction vibration rises significantly above the threshold of perception. Building damage can take the form of cosmetic or structural.

The **Table 4** data indicate that construction vibration levels anticipated for the project are less than the 0.2 in/sec threshold at distances of 26 feet. Sensitive receptors which could be impacted by construction related vibrations, especially vibratory compactors/rollers, are located approximately 26 feet, or further, from typical construction activities. At these distances construction vibrations are not predicted to exceed acceptable levels. Additionally, construction activities would be temporary in nature and would likely occur during normal daytime working hours.

This is a **less-than-significant** impact and no mitigation is required.

**IMPACT 3:        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?**

There are no airports in the project vicinity. Therefore, this impact is not applicable to the proposed project.



## REFERENCES

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## Appendix A: Acoustical Terminology

<b>Acoustics</b>	The science of sound.
<b>Ambient Noise</b>	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
<b>ASTC</b>	Apparent Sound Transmission Class. Similar to STC but includes sound from flanking paths and correct for room reverberation. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Attenuation</b>	The reduction of an acoustic signal.
<b>A-Weighting</b>	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
<b>Decibel or dB</b>	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
<b>CNEL</b>	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by +5 dBA and nighttime hours weighted by +10 dBA.
<b>DNL</b>	See definition of Ldn.
<b>IIC</b>	Impact Insulation Class. An integer-number rating of how well a building floor attenuates impact sounds, such as footsteps. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Frequency</b>	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).
<b>Ldn</b>	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
<b>Leq</b>	Equivalent or energy-averaged sound level.
<b>Lmax</b>	The highest root-mean-square (RMS) sound level measured over a given period of time.
<b>L(n)</b>	The sound level exceeded a described percentile over a measurement period. For instance, an hourly L50 is the sound level exceeded 50% of the time during the one-hour period.
<b>Loudness</b>	A subjective term for the sensation of the magnitude of sound.
<b>NIC</b>	Noise Isolation Class. A rating of the noise reduction between two spaces. Similar to STC but includes sound from flanking paths and no correction for room reverberation.
<b>NNIC</b>	Normalized Noise Isolation Class. Similar to NIC but includes a correction for room reverberation.
<b>Noise</b>	Unwanted sound.
<b>NRC</b>	Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.
<b>RT60</b>	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
<b>Sabin</b>	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.
<b>SEL</b>	Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train pass by, that compresses the total sound energy into a one-second event.
<b>SPC</b>	Speech Privacy Class. SPC is a method of rating speech privacy in buildings. It is designed to measure the degree of speech privacy provided by a closed room, indicating the degree to which conversations occurring within are kept private from listeners outside the room.
<b>STC</b>	Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations. The STC rating is typically used to rate the sound transmission of a specific building element when tested in laboratory conditions where flanking paths around the assembly don't exist. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
<b>Threshold of Hearing</b>	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
<b>Threshold of Pain</b>	Approximately 120 dB above the threshold of hearing.
<b>Impulsive</b>	Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.
<b>Simple Tone</b>	Any sound which can be judged as audible as a single pitch or set of single pitches.

## **Appendix B: Continuous Ambient Noise Measurement Results**

**Appendix B1: Continuous Noise Monitoring Results**

Site: LT-1

Project: GBx Manteca Distribution

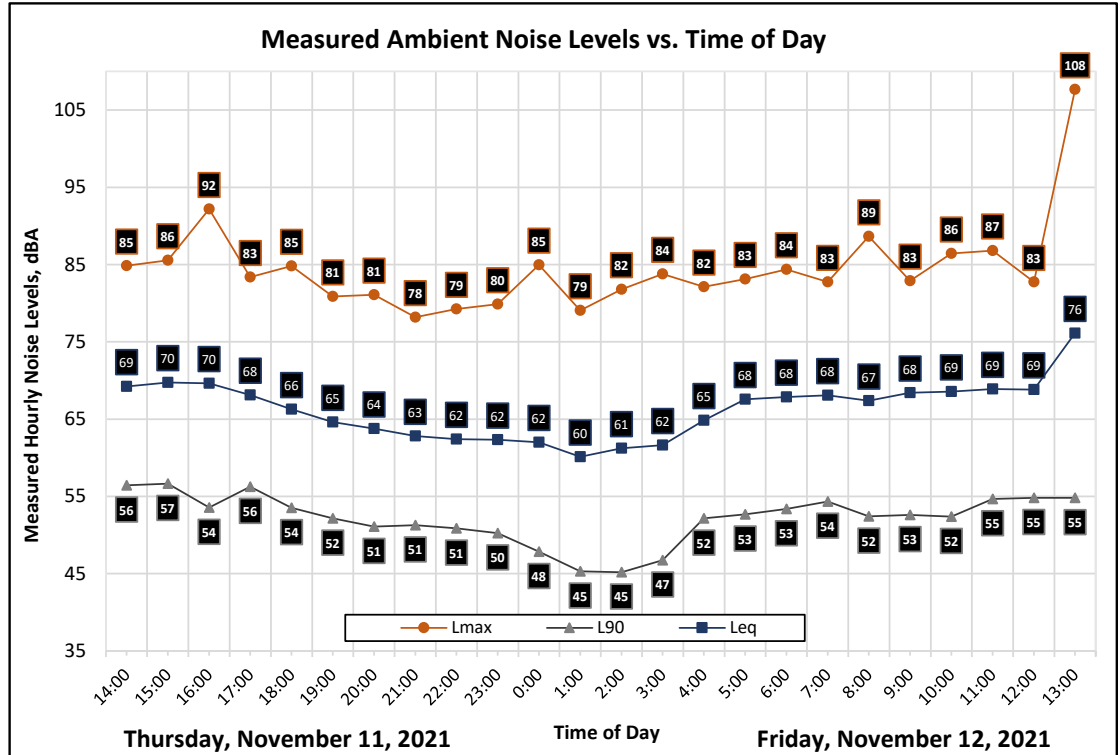
Meter: LDL 820-3

Location: East of Project Site

Calibrator: CAL200

Coordinates: 37.8299898°, -121.2538250°

Date	Time	Measured Level, dBA			
		L <sub>eq</sub>	L <sub>max</sub>	L <sub>50</sub>	L <sub>90</sub>
Thursday, November 11, 2021	14:00	69	85	67	56
Thursday, November 11, 2021	15:00	70	86	67	57
Thursday, November 11, 2021	16:00	70	92	64	54
Thursday, November 11, 2021	17:00	68	83	65	56
Thursday, November 11, 2021	18:00	66	85	61	54
Thursday, November 11, 2021	19:00	65	81	59	52
Thursday, November 11, 2021	20:00	64	81	57	51
Thursday, November 11, 2021	21:00	63	78	56	51
Thursday, November 11, 2021	22:00	62	79	55	51
Thursday, November 11, 2021	23:00	62	80	54	50
Friday, November 12, 2021	0:00	62	85	53	48
Friday, November 12, 2021	1:00	60	79	51	45
Friday, November 12, 2021	2:00	61	82	49	45
Friday, November 12, 2021	3:00	62	84	51	47
Friday, November 12, 2021	4:00	65	82	58	52
Friday, November 12, 2021	5:00	68	83	62	53
Friday, November 12, 2021	6:00	68	84	64	53
Friday, November 12, 2021	7:00	68	83	65	54
Friday, November 12, 2021	8:00	67	89	63	52
Friday, November 12, 2021	9:00	68	83	64	53
Friday, November 12, 2021	10:00	69	86	64	52
Friday, November 12, 2021	11:00	69	87	65	55
Friday, November 12, 2021	12:00	69	83	66	55
Friday, November 12, 2021	13:00	76	108	65	55



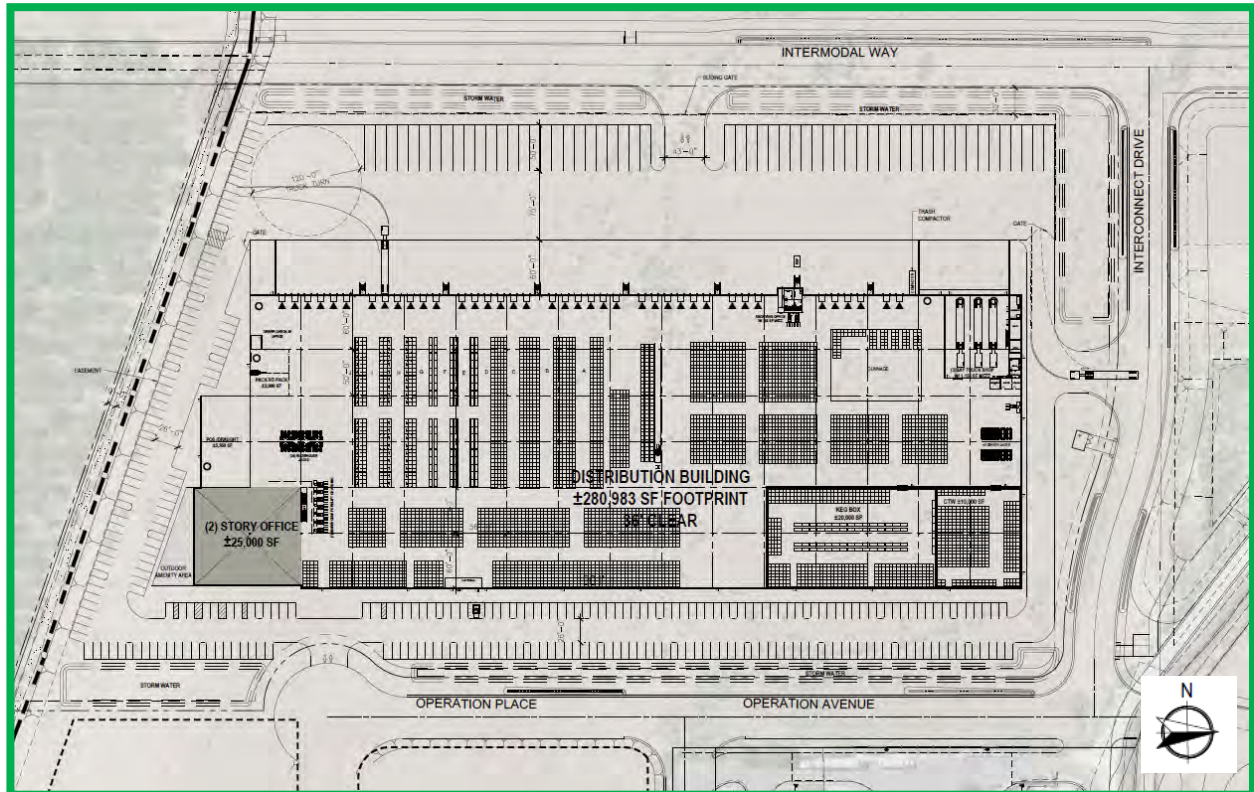
Statistics	Leq	Lmax	L50	L90
Day Average	69	86	63	54
Night Average	64	82	55	49
Day Low	63	78	56	51
Day High	76	108	67	57
Night Low	60	79	49	45
Night High	68	85	64	53
Ldn	72	Day %		84
CNEL	72	Night %		16



## APPENDIX E: TRAFFIC IMPACT ANALYSIS

# TRANSPORTATION IMPACT ANALYSIS REPORT

FOR THE  
GBxMANTECA PROJECT  
AT 2205 N. AIRPORT WAY  
IN MANTECA, CA



Prepared for  
De Novo Planning Group  
City of Manteca

Prepared by  
Fehr & Peers  
Transportation Consultants

May 12, 2022



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## INTRODUCTION

This report documents the results of the Transportation Impact Analysis (TIA) conducted for the proposed GBxManteca Project located at 2205 N. Airport Way. This TIA was prepared under contract to the City of Manteca Community Development Department.

The proposed project would construct an industrial warehousing / distribution building on the south-east corner of the Intermodal Way / Interconnect Drive intersection in the Northwest Airport Way Master Plan Area. The proposed project would be located approximately 1.75 mile (9,250 feet ) south of the Roth Road / Airport Way signalized intersection, and approximately 0.25 miles (1,450 feet) north of the Lathrop Road / Airport Way signalized intersection.

The proposed GBxManteca Project would encompass 23.5 acres and would provide the following three access driveways:

- One driveway on Operation Place for employees;
- A second driveway on Interconnect Way for trucks and employee; and
- A third driveway on Intermodal Way (with a sliding gate) for trucks

The GBxManteca Project Suite will provide a total of 251 automobile parking stalls located on the south and east sides of the distribution building. On the west side of the GBxManteca building, a total of 56 truck trailer parking stalls and 40 truck loading docks will be provided adjacent to Intermodal Way.

The proposed project would construct Interconnect Way, connecting Intermodal Way with Operation Avenue, providing the primary access route for truck to access the project site. The proposed project would also construct Operation Place, connecting Interconnect Way with the cul-de-sac on the southern end of the project site.

## PROJECT TRIP GENERATION

**Table** presents the trip generation rates (Table 1), projected trips generated by the proposed GBxManteca Project for Weekday Daily, AM Peak Hour, and PM Peak Hour Conditions for All Vehicles (Table 2), Employee Vehicles – Passenger Cars, SUV and Light Duty Trucks (Table 3), and Delivery CA Legal / STAA Trucks ((Table 4). Trips generated are based on blended trip rates from the *Trip Generation Manual 11<sup>th</sup> Edition* (Institute of Transportation Engineers, 2021) and the City of Manteca Travel Demand Forecasting (TDF) Model that was developed for the General Plan 2020/2040 Update.

Table 1: GBxManteca (2205 N. Airport Way) Project Trip Generation Rates								
Land Use (ITE Code)	Gross Floor Area (Sq. Ft.)	Vehicle Trip Rate <sup>1</sup>						
		Daily	AM		PM			
		Total	Total	In	Out	Total	In	Out
Warehousing Industrial (Blended Trip Rate of 10% - 110, 14% - 130, 16% - 150, 48% - 154 5% -155, 4%-156, and 3% -157)	294,943 Square Feet	2.245	0.23	0.16	0.07	0.23	0.08	0.15
Notes: <sup>1</sup> Trip rates are based on the <i>Trip Generation Manual 11<sup>th</sup> Edition</i> (Institute of Transportation Engineers 2021). Source: Fehr & Peers, 2022								



Table 2: Project Trip Generation (All Vehicles)								
Project	Gross Floor Area (Sq. Ft.)	Daily (All Vehicles)	AM Peak Hour (All Vehicles)			PM Peak Hour (All Vehicles)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2205 N. Airport Way)	294,943 Square Feet	662	67	46	21	67	22	45

Source: Fehr & Peers, 2022

Table 3: Project Trip Generation (Employee Vehicles – Passenger Cars, SUV and Light Duty Trucks)								
Project	Gross Floor Area (Sq. Ft.)	Daily (Employee Vehicles)	AM Peak Hour (Employee Vehicles)			PM Peak Hour (Employee Vehicles)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2205 N. Airport Way)	294,943 Square Feet	530	56	44	12	60	17	43

Source: Fehr & Peers, 2022

Table 4: Project Trip Generation – Trucks (Delivery CA Legal and STAA)								
Project	Gross Floor Area (Sq. Ft.)	Daily (CA Legal and STAA Trucks)	AM Peak Hour (CA Legal and STAA Trucks)			PM Peak Hour (CA Legal and STAA Trucks)		
		Total	Total	In	Out	Total	In	Out
GBxManteca (2205 N. Airport Way)	294,943 Square Feet	132	11	2	9	7	5	2

Source: Fehr & Peers, 2022

**SENATE BILL 743 AND VEHICLES MILES TRAVELED (VMT)**

SB 743 created several statewide changes to the evaluation of transportation and traffic impacts under CEQA. First, it directs OPR to amend the CEQA Guidelines to establish new metrics for determining the significance of transportation impacts of projects within transit priority areas (TPAs) and allows OPR to extend use of the new metrics beyond TPAs. The California Natural Resources Agency certified and adopted the amended CEQA Guidelines in December 2018. In the amended CEQA Guidelines, OPR selected Vehicle Miles Traveled (VMT) as the primary transportation impact metric to be applied throughout the State of California.

The amended CEQA Guidelines state that “generally, VMT is the most appropriate measure of transportation impacts” and the provisions requiring the use of VMT shall apply statewide as of July 1, 2020. The amended CEQA Guidelines further state that land use “projects within one-half mile of either an existing major transit stop or a stop along an existing high-quality transit corridor should be presumed to cause a less-than-significant transportation impact.”

Second, SB 743 establishes that aesthetic and parking impacts of a residential, mixed-use residential, or employment center projects on an infill site within a TPA shall not be considered significant impacts on the environment.

Third, SB 743 added section 21099 to the Public Resources Code, which states that automobile delay, as described by level of service (LOS) or similar measures of vehicular capacity or traffic congestion, shall not be considered a significant impact on the environment upon certification of the CEQA Guidelines by the Natural Resources Agency. Since the amended CEQA Guidelines were certified in December 2018, LOS or similar measures of vehicular capacity or traffic congestion are not considered a significant impact on the environment under CEQA.

Lastly, SB 743 establishes a new CEQA exemption for a residential, mixed-use, and employment center project a) within a TPA, b) consistent with a specific plan for which an EIR has been certified, and c) consistent with an SCS. This exemption requires further review if the project or circumstances changes significantly.

#### Technical Advisory on Evaluating Transportation Impacts

To aid in SB 743 implementation, in December 2018 OPR released a *Technical Advisory on Evaluating Transportation Impacts in CEQA* (Technical Advisory). The Technical Advisory provides advice and recommendations to CEQA lead agencies on how to implement the SB 743 changes. This includes technical recommendations regarding the assessment of VMT, thresholds of significance, VMT mitigation measures, and screening thresholds for certain land use projects. Lead agencies may consider and use these recommendations at their discretion and with the provision of substantial evidence to support alternative approaches.

The Technical Advisory identifies “screening thresholds” to quickly identify when a project should be expected to cause a less-than-significant impact without conducting a detailed study. The Technical Advisory suggests that projects meeting one or more of the following criteria should be expected to have a less-than-significant impact on VMT.

Small projects – projects consistent with a SCS and local general plan that generate or attract fewer than 110 trips per day.

Projects near major transit stops – certain projects (residential, retail, office, or a mix of these uses) proposed within ½ mile of an existing major transit stop or an existing stop along a high-quality transit corridor.

Affordable residential development – a project consisting of a high percentage of affordable housing may be a basis to find a less-than-significant impact on VMT.

Local-serving retail – local-serving retail development tends to shorten trips and reduce VMT. The Technical Advisory encourages lead agencies to decide when a project will likely be local-serving, but generally acknowledges that retail development including stores larger than 50,000 square feet might be considered regional-serving. The Technical Advisory suggests lead agencies analyze whether regional-serving retail would increase or decrease VMT (i.e., not presume a less-than-significant).

Projects in low VMT areas – residential and office projects that incorporate similar features (i.e., density, mix of uses, transit accessibility) as existing development in areas with low VMT will tend to exhibit similarly low VMT.

The Technical Advisory also identifies recommended numeric VMT thresholds for residential, office, and retail projects, as described below.

Residential development that would generate vehicle travel exceeding 15 percent below existing (baseline) residential VMT per capita may indicate a significant transportation impact. Existing VMT per capita may be measured as a regional VMT per capita or as city VMT per capita.

Office projects that would generate vehicle travel exceeding 15 percent below existing regional VMT per employee may indicate a significant transportation impact.

Retail projects (and other non-residential/non-office projects) that results in a net increase in total VMT may indicate a significant transportation impact.

For mixed-use projects, the Technical Advisory suggests evaluating each component independently and applying the significance threshold for each project type included. Alternatively, the lead agency may consider only the project's dominant use.

The Technical Advisory also provides guidance on impacts to transit. Specifically, the Technical Advisory suggests that lead agencies generally should not treat the addition of new transit users as an adverse impact. As an example, the Technical Advisory suggests that “an infill development may add riders to transit systems and the additional boarding and alighting may slow transit vehicles, but it also adds destinations, improving proximity and accessibility. Such development also improves regional vehicle flow by adding less vehicle travel onto the regional network.”

#### VMT-Focused Transportation Impact Study Guide

On May 20, 2020, the VMT-Focused Transportation Impact Study Guide (TISG) was adopted. The TISG provides guidance on how Caltrans will review land use projects, with focus on VMT analysis and supporting state land use goals, state planning priorities, and GHG emission reduction goals; as well as identifying land use projects' possible transportation impacts to the State Highway System and potential non-capacity increasing mitigation measures.

The TISG emphasizes that VMT analysis is Caltrans' primary review focus, and references OPR's Technical Advisory as a basis for the guidance in the TISG. Notably, the TISG recommends the use of the recommended thresholds in the Technical Advisory for land use projects. The TISG also references the Technical Advisory for screening thresholds that would identify projects and areas presumed to have a less-than-significant transportation impact. Caltrans supports streamlining for projects that meet these screening thresholds because they help achieve VMT reduction and mode shift goals.

### **GBXMANTECA VEHICLES MILES TRAVELED ANALYSIS**

The proposed GBxManteca Project does not qualify as a small project for screening purposes, and it is not located in a low VMT area. Therefore, consistent with the discussion of SB 743 provided above vehicle travel was evaluated using VMT as the primary metric. The following describes the baseline VMT levels for industrial land uses in the City of Manteca. The Baseline VMT and Cumulative Project VMT was developed using the City of Manteca travel demand model that was derived from the San Joaquin Council of Government's (SJCOG) Regional Travel Demand Model. The model was developed in 2020 and calibrated to adjusted pre COVID-19 traffic counts.

Roadway improvements and land use projections consistent with the SJCOG Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS), City of Manteca General Plan, and City of Lathrop General Plan were added to the Cumulative Conditions Model.

A model-wide analysis was performed to obtain daily trips and travel distance for all Industrial Transportation Analysis Zones (TAZs), and the product of daily trips and travel distance was summed up to obtain VMT estimates. It should be noted that the VMT analysis was based on Interconnect Way being constructed to provide access to and from Intermodal Way, Roth Road and the I-5 / Roth Road interchange for project-generated California Legal and STAA Truck traffic.

**Table 5** presents modeled Baseline Citywide and Cumulative With GBxManteca Project VMT per industrial employee. The proposed GBxManteca Project will result in a decrease in VMT when compared to baseline citywide, from 76.2 to 75.2 vehicle miles per employee. This represents a 1.3% decrease when compared to baseline city-wide average. Therefore, the construction of the GBxManteca Project will improve the jobs to housing balance in the City of Manteca and provide an overall benefit to reducing VMT per employee, fuel consumption and greenhouse gas emissions. In order to have a **less than significant** impact relative to this primary CEQA topic, the GBxManteca Project will be required to have all trucks access the facility using Intermodal Way and only employee access will be allowed from Airport Way.

<b>Table 5: GBxManteca Project Vehicle Miles Traveled (VMT) Analysis</b>			
<b>Scenario</b>	<b>VMT Per Industrial Employee</b>	<b>VMT Reduction Per Industrial Employee</b>	<b>Percentage Reduction Per Industrial Employee</b>
Baseline Citywide	76.2		
Cumulative With GBxManteca Project	75.2	- 1.0	-1.3%

Note: Citywide VMT includes All industrial land Uses in the City of Manteca  
Source: City of Manteca Travel Demand Model - Fehr & Peers, 2022

### **ROADWAY SEGMENT LEVEL OF SERVICE ANALYSIS – EXISTING CONDITIONS**

In addition to Vehicle Miles Traveled, the secondary and non-CEQA measure analyzed for the transportation analysis is segment level of service for Existing (Year 2022) and Existing With GBxManteca Project Weekday Average Daily Traffic (ADT) Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

**Table 6** presents the existing weekday ADT volumes for twenty-six (26) study roadway segments in the project study area. The Project Trip Generation analysis showed that on a daily basis, the proposed GBxManteca Project would add a total of 662 vehicles to the surrounding transportation network, consisting of 530 employee vehicles, and 132 California Legal or STAA Trucks. On a typical weekday, the proposed GBxManteca Project would add 132 California Legal or STAA Trucks on Intermodal Way between Roth Road and Interconnect Drive.

The results of the roadway segment level of service analysis showed that the proposed GBxManteca Project would not result in any roadways operating below acceptable level of service thresholds on the surrounding transportation network. All twenty-six roadway segments would continue to operate at acceptable Level of Service C or D under Existing With Project Conditions.

<b>Table 6: Existing Level of Service Analysis – No Project versus With GBxManteca Project</b>						
<b>Average Daily Traffic Volumes</b>						
<b>Roadway Segment - Location</b>	<b>Existing (No Project)</b>		<b>Existing With Project</b>		<b>With Project - No Project</b>	
	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>Percentage Change</b>
1. Roth Road – Between Intermodal Way and Airport Way	9,700	D	9,779	D	79	0.8 %
2. Roth Road – Between Intermodal Way and McKinley Avenue	9,600	D	9,759	D	159	1.7 %
3. Roth Road – Between McKinley Avenue and Harlan Road	9,800	D	9,959	D	159	1.6 %
4. Roth Road – Between Harlan Road and NB I-5 Off/On-Ramps	14,800	D	14,959	D	159	1.1 %
5. Roth Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	8,500	C	8,553	C	53	0.6 %
6. Airport Way – Between French Camp Road and Roth Road	7,400	C	7,479	C	79	1.1 %
7. Airport Way – Between Roth Road and Lovelace Road	6,700	C	6,806	C	106	1.6 %
8. Airport Way – Between Lovelace Road and Daisywood Drive	7,000	C	7,106	C	106	1.5 %
9. Airport Way – Between Daisywood Drive and Pinnacle Drive	7,500	D	7,606	D	106	1.4 %
10. Airport Way – Between Pinnacle Drive and Lathrop Road	8,800	D	9,224	D	424	4.8 %
11. Airport Way – Between Lathrop Road and Northgate Drive	9,800	D	9,986	D	186	1.9 %
12. Airport Way – Between Northgate Drive and Louise Avenue	10,500	D	10,686	D	186	1.8 %
13. Airport Way – Between Louise Avenue and Crom Avenue	14,800	D	14,986	D	186	1.3 %
14. Airport Way – Between Crom Avenue and Yosemite Avenue	15,600	D	15,786	D	186	1.2 %
15. Lathrop Road – Between Union Road and Airport Way	16,700	D	16,833	D	133	0.8 %

Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update  
Source: Fehr & Peers, 2022

<b>Table 6 (Continued): Existing Level of Service Analysis – No Project versus With GBxManteca Project</b>						
<b>Average Daily Traffic Volumes</b>						
<b>Roadway Segment - Location</b>	<b>Existing (No Project)</b>		<b>Existing With Project</b>		<b>With Project - No Project</b>	
	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>Percentage Change</b>
16. Lathrop Road – Between Airport Way and McKinley Avenue	21,400	D	21,506	D	106	0.5 %
17. Lathrop Road – Between McKinley Avenue and 5 <sup>th</sup> Street	21,000	D	21,095	D	95	0.5 %
18. Lathrop Road – Between 5 <sup>th</sup> Street and Harlan Road	20,600	D	20,695	D	95	0.5 %
19. Lathrop Road – Between Harlan Road and NB I-5 Off/On-Ramps	24,500	D	24,595	D	95	0.4 %
20. Lathrop Road – Between NB I-5 Off /On-Ramps and SB I-5 Off/On-Ramps	16,200	C	16,248	C	48	0.3 %
21. Spartan Way – Between SB I-5 Off/On -Ramps and Golden Valley Parkway	9,200	C	9,211	C	11	0.1 %
22. Intermodal Way – Between Roth Road and 5.11 Tactical Building	1,650	C	1,782	C	132	8.0 %
23. Intermodal Way – Between 5.11 Tactical Building and Tactical Way	950	C	1,082	C	132	13.9 %
24. Intermodal Way – Between Tactical Way and Street A	190	C	322	C	132	69.5 %
25. Intermodal Way – Between Street A and Interconnect Drive	N/A	C	133	C	132	N/A
26. Pinnacle Drive – Between Airport Way and Operation Court	35	C	565	C	530	1,514 %
Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update Source: Fehr & Peers, 2022						

**ROADWAY SEGMENT LEVEL OF SERVICE ANALYSIS – CUMULATIVE CONDITIONS**

In addition to Vehicle Miles Traveled, the secondary measure analyzed for the transportation analysis was segment level of service for Cumulative No Project and Cumulative With GBxManteca Project Weekday Average Daily Traffic (ADT) Conditions. **Table 7** presents the projected ADT volumes for twenty-six (26) study roadway segments in the project study area using the City of Manteca / City of Lathrop Travel Demand Forecasting (TDF) Model.

The Project Trip Generation analysis showed that on a daily basis, the proposed GBxManteca Project would add a total of 662 vehicles to the surrounding transportation network, consisting of 530 employee vehicles, and 132 California Legal or STAA Trucks. On a typical weekday, the proposed GBxManteca Project would add 132 California Legal or STAA Trucks on Intermodal Way between Roth Road and Interconnect Drive.

The results of the roadway segment level of service analysis showed that the proposed GBxManteca Project would not result in any roadways operating below acceptable level of service thresholds on the surrounding transportation network. All twenty-six roadway segments would continue to operate at acceptable Level of Service C or D under Existing With Project Conditions.

<b>Table 7: Cumulative Level of Service Analysis – No Project versus With GBxManteca Project</b>						
<b>Average Daily Traffic Volumes</b>						
<b>Roadway Segment - Location</b>	<b>No Project</b>		<b>With Project</b>		<b>With Project - No Project</b>	
	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>Percentage Change</b>
1. Roth Road – Between Intermodal Way and Airport Way	17,790	D	17,869	D	79	0.4 %
2. Roth Road – Between Intermodal Way and McKinley Avenue	17,420	D	17,579	D	159	0.9 %
3. Roth Road – Between McKinley Avenue and Harlan Road	19,380	D	19,539	D	159	0.8 %
4. Roth Road – Between Harlan Road and NB I-5 Off/On-Ramps	24,600	D	24,759	D	159	0.6 %
5. Roth Road – Between NB I-5 Off/On-Ramps and SB I-5 Off/On-Ramps	32,610	D	32,663	D	53	0.2 %
6. Airport Way – Between French Camp Road and Roth Road	17,640	C	17,719	C	79	0.4 %
7. Airport Way – Between Roth Road and Lovelace Road	19,800	C	19,906	C	106	0.5 %
8. Airport Way – Between Lovelace Road and Daisywood Drive	16,010	C	16,116	C	106	0.7 %
9. Airport Way – Between Daisywood Drive and Pinnacle Drive	15,980	C	16,086	C	106	0.7 %
10. Airport Way – Between Pinnacle Drive and Lathrop Road	24,980	D	25,404	D	424	1.7 %
11. Airport Way – Between Lathrop Road and Northgate Drive	22,190	D	22,376	D	186	0.8 %
12. Airport Way – Between Northgate Drive and Louise Avenue	20,840	D	21,026	D	186	0.9 %
13. Airport Way – Between Louise Avenue and Crom Avenue	23,300	D	23,486	D	186	0.8 %
14. Airport Way – Between Crom Avenue and Yosemite Avenue	23,180	D	23,366	D	186	0.8 %
15. Lathrop Road – Between Union Road and Airport Way	21,650	D	21,783	D	133	0.6 %
Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update Source: Fehr & Peers, 2022						

<b>Table 7 (Continued): Cumulative Level of Service Analysis – No Project versus With GBxManteca Project</b>						
<b>Average Daily Traffic Volumes</b>						
<b>Roadway Segment - Location</b>	<b>No Project</b>		<b>With Project</b>		<b>With Project - No Project</b>	
	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>LOS</b>	<b>ADT Volume</b>	<b>Percentage Change</b>
16. Lathrop Road – Between Airport Way and McKinley Avenue	24,460	D	24,566	D	106	0.4 %
17. Lathrop Road – Between McKinley Avenue and 5 <sup>th</sup> Street	26,030	D	26,125	D	95	0.4 %
18. Lathrop Road – Between 5 <sup>th</sup> Street and Harlan Road	25,410	D	25,505	D	95	0.4 %
19. Lathrop Road – Between Harlan Road and NB I-5 Off/On-Ramps	35,350	D	35,445	D	95	0.3 %
20. Lathrop Road – Between NB I-5 Off /On-Ramps and SB I-5 Off/On-Ramps	39,330	D	39,378	D	48	0.1 %
21. Spartan Way – Between SB I-5 Off/On -Ramps and Golden Valley Parkway	47,830	D	47,841	D	11	0.1 %
22. Intermodal Way – Between Roth Road and 5.11 Tactical Building	2,380	C	2,512	C	132	5.5 %
23. Intermodal Way – Between 5.11 Tactical Building and Tactical Way	1,780	C	1,912	C	132	7.4 %
24. Intermodal Way – Between Tactical Way and Street A	1,190	C	1,322	C	132	11.4 %
25. Intermodal Way – Between Street A and Interconnect Drive	600	C	732	C	132	22.0 %
26. Pinnacle Drive – Between Airport Way and Operation Court	800	C	1,330	C	530	66.3 %
Note: LOS = Level of Service based on Segment Level of Service Thresholds from Manteca General Plan Update and Lathrop General Plan Update Source: Fehr & Peers, 2022						

**INTERSECTION LEVEL OF SERVICE ANALYSIS – EXISTING CONDITIONS**

The tertiary and non-CEQA measure analyzed for the transportation analysis is intersection level of service for Existing (Year 2022) and Existing With GBxManteca Project Weekday AM and PM Peak Hour Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

**Table 8** presents the existing AM and PM peak hour intersection level of service for the fourteen (14) study intersections in the project study area. The Project Trip Generation analysis showed that during the AM peak hour, the proposed GBxManteca Project would add a total of 67 vehicles to the surrounding transportation network, consisting of 56 employee vehicles, and 11 California Legal or STAA Trucks. During the PM peak hour, the proposed GBxManteca Project would add a total of 67 vehicles to the surrounding transportation network, consisting of 60 employee vehicles, and 7 California Legal or STAA Trucks.



The results of the intersection level of service analysis showed that the proposed GBxManteca Project would not result in any intersections operating below acceptable level of service thresholds on the surrounding transportation network. All fourteen (14) study intersections would continue to operate at acceptable Level of Service D or better under Existing With Project Conditions.

<b>Table 8: Existing Level of Service Analysis – No Project versus With GBxManteca Project</b>				
<b>Weekday AM and PM Peak Hours</b>				
<b>Intersection (Control)</b>	<b>Existing (No Project)</b>		<b>Existing With Project</b>	
	<b>Delay AM(PM)</b>	<b>LOS AM(PM)</b>	<b>Delay AM(PM)</b>	<b>LOS AM(PM)</b>
1. Roth Road / Airport Way (Signal)	12.0 (13.1)	B (B)	14.0 (15.4)	B (B)
2. Roth Road / Intermodal Way (Signal)	8.5 (9.2)	A (A)	9.1 (9.8)	A (A)
3. Roth Road / I-5 SB Ramps (SSSC)	18.5 (22.1)	C (C)	21.2 (22.1)	C (C)
4. Roth Road / I-5 NB Ramps (SSSC)	13.1 (15.7)	B (C)	14.4 (16.2)	B (C)
5. Airport Way / Lovelace Road (Signal)	9.7 (9.0)	A (A)	10.1 (9.5)	B (A)
6. Airport Way / Daisywood Drive (Signal)	6.7 (5.8)	A (A)	7.1 (6.2)	A (A)
7. Airport Way / Lathrop Road (Signal)	26.6 (27.0)	C (C)	28.1 (28.7)	C (C)
8. Airport Way / Louise Avenue (Signal)	28.5 (29.6)	C (C)	29.4 (30.5)	C (C)
9. Lathrop Road / I-5 SB Ramps (Signal)	14.4 (17.8)	B (B)	16.2 (18.5)	B (B)
10. Lathrop Road / I-5 NB Ramps (Signal)	13.1 (17.4)	B (B)	14.4 (19.2)	B (B)
11. Lathrop Road / Union Road (Signal)	31.7 (30.8)	C (C)	32.3 (31.9)	C (C)
12. Lathrop Road / SR 99 SB Ramps / Main Street (Signal)	21.1 (24.0)	C (C)	22.2 (24.8)	C (C)
13. Lathrop Road / SR 99 NB Ramps (Signal)	10.1 (9.9)	B (A)	10.8 (10.2)	B (B)
14. Airport Way / Pinnacle Drive (SSSC)	9.5 (10.1)	A (B)	9.8 (10.3)	A (B)
Notes: SSSC = Side-Street Stop Control; LOS = Level of Service <sup>1</sup> For signalized intersections and all-way stop controlled intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016). Source: Fehr & Peers, 2022				

## **INTERSECTION LEVEL OF SERVICE ANALYSIS – CUMULATIVE CONDITIONS**

The tertiary and non-CEQA measure analyzed for the transportation analysis is intersection level of service for Cumulative No Project and Cumulative With GBxManteca Project Weekday AM and PM Peak Hour Conditions. It should be noted that the Existing volumes were developed using traffic counts completed in Fall 2021 and adjusted up to represent Year 2022 ADT volumes.

**Table 9** presents the projected AM and PM peak hour intersection level of service for the fourteen (14) study intersections in the project study area using the City of Manteca / City of Lathrop Travel Demand Forecasting (TDF) Model.

Under Cumulative No Project Conditions, traffic associated with land use growth in the City of Manteca and City of Lathrop contributes to the increase in traffic volumes along Lathrop Road. As displayed, the following intersection would operate unacceptably:

- Union Road/Lathrop Road would operate unacceptably at LOS F during both AM peak hour and PM peak hours. Major intersection expansion would be required to accommodate the projected Cumulative No Project traffic volumes at this intersection during the AM and PM peak hour. The eastbound approach was modified to include two left turn pockets; the westbound approach was modified to include two left turn pockets, two through lanes, and a right turn pocket; the northbound approach was modified to include two northbound through lanes and a right turn pocket. It is important to note that the expansion of this intersection would require right-of-way acquisition from parcels with existing, established land uses around the intersection.

<b>Table 9: Cumulative Level of Service Analysis – No Project versus With GBxManteca Project</b>				
<b>Weekday AM and PM Peak Hours</b>				
<b>Intersection (Control)</b>	<b>Cumulative (No Project)</b>		<b>Cumulative With Project</b>	
	<b>Delay AM(PM)</b>	<b>LOS AM(PM)</b>	<b>Delay AM(PM)</b>	<b>LOS AM(PM)</b>
1. Roth Road / Airport Way (Signal) <sup>2</sup>	22.5 (23.1)	C (C)	22.2 (24.4)	C (C)
2. Roth Road / Intermodal Way (Signal) <sup>2</sup>	10.2 (10.8)	B (B)	11.2 (11.4)	B (B)
3. Roth Road / I-5 SB Ramps (Signal) <sup>2</sup>	13.9 (18.0)	B (B)	14.5 (19.2)	B (B)
4. Roth Road / I-5 NB Ramps (Signal) <sup>2</sup>	13.2 (14.4)	B (B)	13.7 (15.1)	B (B)
5. Airport Way / Lovelace Road (Signal) <sup>2</sup>	9.1 (9.2)	A (A)	9.8 (9.6)	A (A)
6. Airport Way / Daisywood Drive (Signal) <sup>2</sup>	6.9 (7.2)	A (A)	7.5 (7.6)	A (A)
7. Airport Way / Lathrop Road (Signal) <sup>2</sup>	33.2 (32.6)	C (C)	34.4 (33.9)	C (C)
8. Airport Way / Louise Avenue (Signal) <sup>2</sup>	26.2 (28.5)	C (C)	27.7 (29.4)	C (C)
9. Lathrop Road / I-5 SB Ramps (Signal) <sup>2,3</sup>	17.8 (21.3)	B (C)	18.2 (22.4)	B (C)
10. Lathrop Road / I-5 NB Ramps (Signal) <sup>2,3</sup>	34.1 (25.4)	C (C)	34.8 (26.1)	C (C)
11. Lathrop Road / Union Road (Signal)	<b>89.8 (80.2)</b>	<b>F (F)</b>	<b>90.2 (80.7)</b>	<b>F (F)</b>
12. Lathrop Road / SR 99 SB Ramps / Main Street (Signal)	47.4 (45.3)	D (D)	48.1 (46.2)	D (D)
13. Lathrop Road / SR 99 NB Ramps (Signal)	11.2 (10.8)	B (B)	11.6 (11.2)	B (B)
14. Airport Way / Pinnacle Drive (SSSC)	10.2 (10.5)	B (B)	12.7 (11.5)	B (B)

Notes:  
**Bold** indicates unacceptable operations.  
SSSC = Side-Street Stop Control; LOS = Level of Service  
<sup>1</sup> For signalized intersections, roundabouts, and all-way stop controlled intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement. Intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).  
<sup>2</sup> Intersection lane configuration and/or traffic control are different from Existing Conditions due to planned intersection and roadway improvements.  
<sup>3</sup> The future interchange design has not been formalized. Delay and LOS are estimated using an improved tight-diamond interchange configuration and are subject to change.  
Source: Fehr & Peers, 2022

The results of the intersection level of service analysis showed that the proposed GBxManteca Project would not result in any additional intersections operating below acceptable level of service thresholds on the surrounding transportation network. Thirteen (13) of the fourteen (14) study intersections would continue to operate at acceptable Level of Service D or better under Cumulative With Project Conditions. The Union Road/Lathrop Road intersection would continue to operate unacceptably at LOS F during both AM peak hour and PM peak hours

### ***Recommended Conditions of Approval***

The following conditions should be incorporated into the Conditions of Approval for the proposed project:

- **Traffic COA #1** – The developer shall pay for the total cost of construction of Interconnect Way between Intermodal Drive and Operation Place and require all truck traffic to use Intermodal Drive to access the GBxManteca Project.
- **Traffic COA #2** – The developer shall pay for the total cost of construction of Operation Place between Interconnect Drive and GBxManteca Project driveway and install an all-way stop controlled intersection at the Operation Place / Pinnacle Drive three-legged intersection.
- **Traffic COA #3** – The developer shall pay their fair share for improvements identified in the City of Manteca Public Facilities Implementation Plan (PFIP) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve intersections in the City of Manteca.
- **Traffic COA #4** – The developer shall pay their fair share of the SJCOG Regional Transportation Impact Fee (RTIF) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve the Roth Road Corridor in the City of Manteca, City of Lathrop, and San Joaquin County.
- **Traffic COA #5** – If intersection improvements were to occur at the Union Road/Lathrop Road intersection, the developer shall pay their fair share for improvements identified to accommodate the projected Cumulative No Project and Cumulative With project traffic volumes at this intersection during the AM and PM peak hour. . Under Cumulative Plus Project Conditions, the GBxManteca Project contributes to 3 percent of the total intersection volume.

## APPENDIX F: PHASE I ENVIRONMENTAL SITE ASSESSMENT

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
2205 N. Airport Way  
Manteca, California**

*Prepared For:*

**Centerpoint Properties  
725 S. Figueroa Street, Suite 3005  
Los Angeles, California 90017**

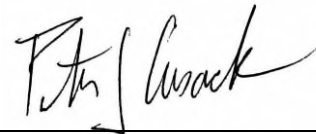
*Prepared By:*

**Langan Engineering and Environmental Services, Inc.  
1 Almaden Boulevard, Suite 590  
San Jose, California 95113**



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**Sarah Torkelson  
Staff Geologist**



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**Peter J. Cusack  
Senior Associate/Vice President**

**16 August 2021  
770682101**

**LANGAN**

16 August 2021

Mr. John Lass  
Vice President – Development, West Region  
Centerpoint Properties  
725 S. Figueroa Street, Suite 3005  
Los Angeles, California 90017

**SUBJECT: Phase I Environmental Site Assessment  
2205 N. Airport Way  
Manteca, California  
Langan Project No. 770682101**

Dear Mr. Lass:

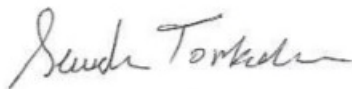
Langan Engineering and Environmental Services, Inc. (Langan) is pleased to submit this Phase I Environmental Site Assessment (ESA), for the property located at 2205 N. Airport Way in Manteca, California.

In performing this Phase I ESA, we have endeavored to observe the degree of care and skill generally exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographical area.

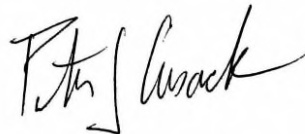
We appreciate the opportunity to assist you with this project. If you have any questions or need any information clarified, please call Mr. Peter Cusack at (408) 283-3615.

Sincerely yours,

**Langan Engineering and Environmental Services, Inc.**



Sarah Torkelson  
Staff Geologist



Peter J. Cusack  
Senior Associate/VP

770682101.01 Phase I ESA\_2205 N. Airport Way\_Manteca

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Figure 2 Site Layout

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
2205 N. Airport Way  
Manteca, California**

**E1.0 EXECUTIVE SUMMARY**

Langan Engineering and Environmental Services, Inc. (Langan) has performed this Phase I Environmental Site Assessment (ESA) for the property located at 2205 N. Airport Way in Manteca, California (site, Figure 1). The Phase I ESA was performed on behalf of Centerpoint Properties (Client). The Phase I ESA was completed to assist the Client during due diligence in regards to the site.

This Phase I ESA was conducted in substantial conformance with the ASTM International (ASTM) Practice E1527-13 (Standard Practice for ESA: Phase I ESA Process), and the United States Environmental Protection Agency's (USEPA) 2006 All Appropriate Inquiry (AAI) Rule (40 CFR Part 312) now in effect. Completion of a Phase I ESA in accordance with the ASTM Practice and AAI Rule is needed to qualify for the bona fide prospective purchaser liability protections available under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). The objective of this Phase I ESA was to identify the presence or likely presence, use, or release on the site of hazardous substances or petroleum products as defined in ASTM E1527-13 as a recognized environmental condition (REC).

**E1.1 Site Description**

The site is currently a vacant lot previously used for agricultural purposes. The site consists of one assessor parcel (APN) 198-03-035 and is approximately 33.73 acres in size. The site is bound by a rail freight transfer station to the north, Crothall Healthcare, S. Airport Way and residences to the east, agricultural orchards and Lathrop Road to the south and a vacant lot to the west, as shown on Figure 2.

**E1.2 Environmental Database and File Review**

As part of the Phase I ESA, we have reviewed the environmental database report prepared by Environmental Data Resources, Inc. (EDR). The EDR report contains information from the environmental databases maintained by the United States Environmental Protection Agency (USEPA), state, and local agencies within the approximate minimum search distance.

Inquiries were made and records searched at the California Department of Toxic Substances Control (DTSC), California Regional Water Resources Control Board (RWQCB), the Manteca City Clerk, San Joaquin Environmental Health, the Manteca Department of Public Health, and the

Manteca Fire Department regarding any additional files related to any fuel and hazardous materials leaks reported at the site, but no additional relevant files were located beyond what the Client had already provided to Langan or what had been obtained via Geotracker at the time of this report's completion.

### **E1.3 Conclusions**

Based on the databases searched by EDR, requests made for public documentation related to past or present environmental conditions at the Site and surrounding area, review of previous investigative reports for the site, and our site reconnaissance, Langan has identified no evidence of a REC associated with the site during this Phase I ESA.

## **1.0 INTRODUCTION**

Langan Engineering and Environmental Services, Inc. (Langan) has completed this Phase I Environmental Site Assessment (ESA) for the property located at 2205 N. Airport Way in Manteca, California (site, Figure 1). The Phase I ESA was performed on behalf of Centerpoint Properties (Client). The Phase I ESA was completed to assist the Client during due diligence in regards to the site.

### **1.1 Purpose**

The purpose of this Phase I ESA is to:

- (1) Identify Recognized Environmental Conditions (RECs) in connection with the site, as defined in the ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, which states: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a site: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public 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.
- (2) Satisfy the criteria of United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 312 Subpart C Standards and Practices §312.20 All Appropriate Inquiry (AAI) Rule.

### **1.2 Scope of Phase I ESA**

This Phase I ESA was conducted utilizing a standard of good commercial and customary practice that is consistent with ASTM E1527-13. Any significant scope-of-work additions, deletions, or deviations to ASTM E1527-13 are noted in Section 8.0 of this report. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the site; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the site; and conducting a site reconnaissance. The specific scope of this assessment included the following:

1. A perimeter site reconnaissance to observe conditions and assess the site's location with respect to adjoining and surrounding property uses and natural surface features. The reconnaissance included the surrounding roads and observations of surrounding properties from public rights-of-way to identify obvious potential environmental conditions

on neighboring properties. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the site and then progressing to adjacent and surrounding properties. Photographs taken as part of the site reconnaissance are provided in Appendix A.

2. As per ASTM E1527-13, a questionnaire was provided to the Client who is the current user, and to the owner to obtain information related to the site. A copy of the completed user questionnaires are provided in Appendix B.
3. A review of environmental databases maintained by the USEPA, state, and local agencies within the approximate minimum search distance. Environmental Data Resources, Inc. (EDR) prepared the environmental database report, which is included in Appendix C.
4. Physical characteristics of the site were determined through referenced sources for topographic, geologic, soils, and hydrologic data.
5. A review and interpretation of aerial photographs, Sanborn Fire Insurance Maps (Sanborn Maps), historical topographic maps, and city directories to identify previous activities on and in the vicinity of the site. Copies are included in Appendices D, E, F, and G, respectively.

### **1.3 Assumptions, Limitations and Exceptions**

This Phase I ESA report was prepared for Centerpoint Properties (User) for the site located at 2205 N. Airport Way in Manteca, California. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any property other than the site addressed herein, or by any other third party without a written authorization from Langan.

Langan's scope of services, which is described in Section 1.2, was limited to that agreed to with the User/Client and no other services beyond those explicitly stated are implied. Reasonable effort has been made to check that the information obtained is factual and from reliable sources, but no responsibility is assumed for its accuracy. If no hazardous substances or conditions are reported to be on the site, it should not be interpreted as a guarantee that they do not exist. Langan assumes no responsibility or liability for errors in the information used or statements from sources other than those of Langan. All conclusions and recommendations in this report concerning the site are those professional opinions of the Langan personnel involved with the project, and this report should not be considered a legal interpretation of existing environmental regulations. Opinions presented herein apply to site conditions existing at the time of our assessment, and cannot necessarily be taken to apply to site changes or conditions of which Langan are not aware and have not had the opportunity to evaluate.

The services performed and agreed upon for this effort comports to those prescribed in the ASTM Standard E1527-13. Intrusive sampling (e.g., soil borings and groundwater sampling) was not performed as part of this Phase I ESA.

This Phase I ESA was not intended to be a definitive investigation of possible environmental contamination at the site. The purpose of this investigation was limited to evaluating if there is reason to suspect the possibility of RECs at the site. It should be understood that even the most comprehensive Phase I ESA may fail to detect environmental liabilities at a particular site. Therefore, Langan cannot “insure” or “certify” that the site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our Client, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The conclusions, opinions, and recommendations provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified site, as it existed at the time of our reconnaissance.

#### **1.4 Special Terms and Conditions and User Reliance**

The Client requested no special terms or conditions regarding this Phase I ESA. Langan has prepared this report specifically for the use of the Client. The findings contained within the report shall not, in whole or in part, be disseminated or conveyed to any other party, nor be used by any other party, in whole or in part without written prior consent of the Client and Langan. Other parties cannot rely on this Phase I ESA and the conclusions therein, unless Langan receives a written request from the Client, at which time a “Reliance Letter” will be prepared for the interested party. The relying party will be subject to the same terms and conditions and limitations as agreed to by the Client.

### **2.0 SITE DESCRIPTION**

#### **2.1 Location and Legal Description**

The site is currently vacant land previously used for agricultural purposes (Figure 2). The site consists of one assessor parcel (APN) 198-03-035 and is approximately 33.73 acres in size. The site is bound by a rail freight transfer station to the north, Crothall Healthcare, S. Airport Way, and residences to the east, agricultural orchards and Lathrop Road to the south and a vacant lot to the west, as shown on Figure 2.

## **2.2 Site and Vicinity General Characteristics**

The site is located in a mixed industrial and rural residential use area of Manteca. According to the United States Geological Survey (USGS) Topographic Maps, reviewed by Langan in EDR's Historical Topographic Map Report, the site is at approximately 23 feet above mean sea level (msl). The site topography is generally flat. Photographs showing the current site use are provided in Appendix A.

## **2.3 Current Use of the Site and Adjoining Properties**

The site currently is a vacant lot previously used for agricultural purposes.

The current uses of the adjoining properties include:

- North of the Site: an irrigation drainage canal, an inactive cheese facility, and a rail freight transfer station along the northeast boundary;
- East of the Site: Crothall Healthcare office, S. Airport Way and residential housing;
- South of the Site: agricultural orchards; and
- West of the Site: a vacant lot.

## **2.4 Descriptions of Structures, Roads, and Other Site Improvements**

The site is currently a vacant property. Photographs showing the current site use are provided in Appendix A.

## **3.0 USER PROVIDED INFORMATION**

### **3.1 Owner Questionnaire**

Per ASTM E1527-13, an Owner-Operator questionnaire was provided to the Client to inquire about specialized information related to the site.

Mr. Steve Chaky and Mr. John Lass, representatives of the property owners, completed the Owner questionnaire. Mr. Chaky and Mr. Lass are not aware of any pending, threatened, or past litigations relevant to hazardous substances at the site. Mr. Chaky and Mr. Lass are not aware of any administrative proceedings relevant to hazardous substances at the site. Mr. Chaky and Mr. Lass have no knowledge of government or agency notices of environmental violations relating to hazardous substances for the site. Mr. Chaky and Mr. Lass have no knowledge of any environmental compliance audit reports, permits, risk assessments, material safety data sheets,

hazardous waste generator notices or reports, recorded activity and use limitations, or environmental clean-up reports. The completed Owner questionnaire is included in Appendix B.

### **3.2 Title Record**

The property's title is held by First American Title Insurance Company and indicates that the property owner is Centerpoint Properties Trust, a Maryland Real Estate Investment Trust. A copy of the Title Report is provided in Appendix B.

### **3.3 Environmental Liens or Activity and Use Limitations**

The User is not aware of any environmental liens or activity and use limitations in connection to the Site.

### **3.4 Specialized Knowledge**

The User does not have any specialized knowledge of the site.

### **3.5 Commonly Known and Reasonable Ascertainable Information**

The User is aware of commonly known and reasonable ascertainable information regarding the site, other than what has been documented in previous environmental reports prepared for the site. Beyond that, the User is not aware of the past uses of the property, specific chemicals that were once present at the property, past chemical releases at the property, and environmental cleanups at the property.

### **3.6 Valuation Reduction for Environmental Issues**

The User is not aware of any valuation reduction for environmental issues in connection with the site.

### **3.7 Owner, Site Manager, and Occupant Information**

The site is currently owned by Centerpoint Properties Trust and is a vacant lot.

### **3.8 Reason for Performing Phase I ESA**

It is our understanding that the Client has requested this study as part of their due diligence in regards to the site.



## 4.0 RECORDS REVIEW

### 4.1 Standard Environmental Record Sources

Langan reviewed an environmental database search report, prepared by EDR, for the site and surrounding area. The EDR report is a listing of properties identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM Standard Practice for E1527-13. This information is reported to Langan by EDR, and to EDR by government sources; therefore, neither Langan nor EDR can verify the completeness and accuracy of the database information. Langan reviewed each environmental database on a record-by-record basis to evaluate if certain properties identified in the report are suspected to represent a potential contamination source to the site. A copy of regulatory database information was provided by EDR and is included in Appendix C.

The following summary table lists the number of properties by database within the prescribed search radius appearing in the EDR Radius Map Report:

Database (Date of government version)	Minimum Search Area	Site Listed	Properties Within Search Area
<b>Federal</b>			
National Priority List (NPL) (4/27/2021)	1 mile radius	No	1
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Superfund Enterprise Management System (SEMS) (4/27/2021)	½ mile radius	No	1
Corrective Action Report (CORRACTS) (3/22/2021)	1 mile radius	No	1
RCRA non-CORRACTS Treatment, Storage, and Disposal Facilities list (RCRA-TSDF) (3/22/2021)	½ mile radius	No	1
US ENG CONTROLS (2/22/2021)	½ mile radius	No	1
US INST CONTROLS (2/22/2021)	½ mile radius	No	1
<b>State and Tribal</b>			
ENVIROSTOR – State and tribal equivalent CERCLIS (DTSC’s Site Mitigation and Brownfields Reuse Program (SMBRP) (4/23/2021)	1 mile radius	No	4
Leaking Underground Storage Tank (CA LUST) Sites List (3/08/2021)	½ mile radius	No	1
CPS-SLIC (Spills, Leaks, Investigations, and Cleanups) (3/08/2021)	½ mile radius	No	2
Underground Storage Tank (UST) Site List (3/08/2021)	¼ mile radius	No	2
Aboveground Storage Tank (AST) Sites List (07/06/2016)	¼ mile radius	Yes	2
<b>Additional Record Sources</b>			
HIST Cal-Sites (Replaced by ENVIROSTOR) (08/08/2005)	1 mile radius	No	1
CA CERS HAZ WASTE (4/19/2021)	¼ mile radius	No	1

<b>Database (Date of government version)</b>	<b>Minimum Search Area</b>	<b>Site Listed</b>	<b>Properties Within Search Area</b>
SWEEPS UST (06/01/1994)	¼ mile radius	No	2
HIST UST (10/15/1990)	¼ mile radius	No	3
CERS TANKS California Environmental Reporting System (CERS) Tanks (4/19/2021)	¼ mile radius	No	1
CA FID UST (Facility Inventory Database) (10/31/1994)	¼ mile radius	No	2
RCRA NonGen/NLR (3/22/2021)	¼ mile radius	No	2
DOD Department of Defense (12/31/2005)	1 mile radius	No	1
ROD Record of Decision (4/27/2021)	1 mile radius	No	1
CORTESE (3/22/2021)	½ mile radius	No	1
HIST CORTESE (04/01/2001)	½ mile radius	No	1
HWP (2/16/2021)	1 mile radius	No	1

A description of the reviewed databases is provided in the EDR Radius Map Report (Appendix C). A summary of site database listings and other properties identified within the prescribed search area is presented below.

### Site

The current address for the site, 2055 N. Airport Way, was not listed in any databases searched by EDR. However, the address 14755 S. Airport Way has been historically associated with the site and was listed on one of the databases searched by EDR. The listing is due to the previous above ground storage tanks (ASTs) used to store gasoline and diesel on the property. According to previous reports prepared for this site, three steel ASTs were formally present at the site for personal/farm equipment use. Two of the ASTs contained diesel (500- and 350-gallon) and one contained gasoline (100-gallon). These ASTs were situated on a concrete slab along with a fuel dispenser system, with all piping above ground. According to the aerial photographs taken in 2016, the residential farm development in the southeast corner of the property where the ASTs were stored is no longer present. ASTs were not observed during Langan’s site visit.

Langan has reviewed the following pertinent environmental reports previously prepared for the site in preparation of this Phase I ESA:

- Conestoga-Rovers & Associates (CRA), Limited Soil Sampling Letter Report, Centerpoint Properties Trust Site, Airport Way, Lathrop/Manteca, California, dated 18 October 2007;
- Conestoga-Rovers & Associates (CRA), Phase I Environmental Site Assessment, Aufdermaur, Manteca, California, dated 26 October 2007; and

- Conestoga-Rovers & Associates (CRA), Limited Soil Sampling Letter Report, Centerpoint Properties Trust Site, Aufdermeir AST Area, 14755 S. Airport Way, Lathrop/Manteca, California, dated 28 January 2008.

Below is a summary of the environmental findings from the previous reports.

#### **4.2 CRA – Limited Soil Sampling Investigation – October 2007**

In October 2007, CRA conducted a limited soil sampling investigation of three parcels situated within the Centerpoint Properties in Manteca, California. The purpose of this investigation was to determine if the use of the parcels for agricultural purposes resulted in residual compounds within the subsurface soils. On 4 October 2007, ten exploratory borings were advanced to depths of approximately two feet below ground surface (bgs) using stainless steel hand augers. Shallow soil samples were collected at depths of approximately 0.5 and two feet bgs. Selected soil samples were analyzed for the following: organochlorine pesticides (OCPs) by EPA Method 8081 and California Assessment Manual (CAM) 17 metals by EPA Method 6010/7000.

Soil analytical results indicated no OCPs present in the samples. Arsenic was detected in all parcel soil samples above regulatory screening levels at concentrations ranging from 1.20 milligrams per kilogram (mg/kg) to 2.10 mg/kg. These concentrations did not exceed California's Central Valley background concentrations for arsenic (3.0 mg/kg), indicating they are naturally occurring arsenic concentrations. No other metals were detected above their screening levels.

#### **4.3 CRA – Phase I Environmental Site Assessment– October 2007**

In October 2007, CRA conducted a Phase I ESA to assess whether past and/or current on-site operations and/or off-site sources have impacted site subsurface conditions. Their assessment of the subject property revealed no evidence of recognized environmental conditions (RECs), historical or recognized environmental conditions (HRECs), or controlled recognized environmental conditions (CRECs).

However, CRA identified three business environmental risks associated with the site. The first risk is based on historical use of the site as cultivated farmland where agricultural chemicals such as pesticides, herbicides, and fertilizer would have been applied. Information regarding historic use, storage, and application rates was not available. The potential presence of agricultural chemicals at the site should be considered when evaluating business environmental risk and future site use. Second, the site previously maintained two diesel (500-gallon and 350-gallon) and one gasoline (100-gallon) ASTs. The ASTs were located on a stained concrete pad without

secondary containment. Long-term use of ASTs for storage and dispensing of fuels may have resulted in the spillage to surface soils and should be considered when evaluating business environmental risk for the site. The third risk identified was septic systems at the site. Previous residences on site relied on septic systems for sanitary sewer services. The potential for the disposal of chemicals through these systems exists and should be considered when evaluating future uses of the site.

#### **4.4 CRA – Limited Soil Sampling Investigation – January 2008**

In January 2008, CRA conducted a limited soil sampling investigation of the AST fuel storage area at the Aufdermeir Property located at 14755 S. Airport Way in Manteca, California. The purpose of this investigation was to determine if adverse conditions exist in soils adjacent to the fueling area at the site. On 14 January 2008, three exploratory borings were advanced to depths of approximately two feet bgs using stainless steel hand augers. Shallow soil samples were collected at depths of approximately 0.5 and two feet bgs. Selected soil samples were analyzed for the following: total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015M; and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B.

Soil analytical results indicated no BTEX compounds were detected in the samples. TPHd was detected in all soil samples at concentrations ranging from 4.6 mg/kg to 670 mg/kg. Concentrations exceeded Central Valley Regional Water Quality Control Board screening levels for TPHd (100 mg/kg). Based on the soil sampling results, CRA recommended that additional limited soil sampling be conducted to delineate the horizontal and vertical extent of the TPHd presence in soil. No additional information was located or provided at this time.

#### Neighboring Properties

Based on our review of the neighboring properties, most of the nearby listings were closed by the regulatory agency, were hydrologically cross gradient or down gradient, or were determined to be a significant distance (greater than a 1/4 mile) from the site. Below are summaries of neighboring properties of concern in regards to possible contamination at the site.

#### **4.5 Former Cal Suprema Cheese Wastewater Pond**

Cal Suprema Cheese Facility (Suprema), which is located approximately 350 feet (adjacent) northwest of the site, which operated from the mid-1990s to approximately 2002, had several active wastewater evaporation ponds. Wastewater related to cheese and whey production and cleaning operations at the facility was discharged into the ponds. Groundwater monitoring wells were installed to monitor contamination and the ponds were excavated in 2009, 2011, and 2013

but elevated levels of chloride remain present in groundwater. This site is currently an open – remediation case with the Central Valley Regional Water Quality Control Board (RWQCB). The latest documentation of this site available on RWQCB GeoTracker is confirmation of the 2013 soil excavation and destruction of three monitoring wells.

The contamination from Suprema is downgradient from the site. Due to the lack of apparent contaminant transport towards the site from Suprema and the remedial activity performed, the contamination from Supreme is not considered an environmental concern for the site.

#### **4.6 1945 Lathrop Road – Western Stone Products**

In 1988, a UST diesel leak was discovered at 1945 Lathrop Road, which is adjacent to the site to the southwest. No further information regarding spill cleanup or groundwater remediation was available on RWQCB GeoTracker. This site was granted case closure by the Central Valley RWQCB in May of 1994.

The release at 1945 Lathrop Road was cross gradient from the site. Due to the lack of apparent contaminant transport towards the site from 1945 Lathrop Road and the closed regulatory status, the release at 1945 Lathrop Road is not considered an environmental concern for the site.

#### Orphan Listings

According to EDR, an orphan listing is a property that cannot be mapped due to poor or inadequate address information. Upon further research, Langan concluded that none of the orphan listings appear to be within applicable search distances to the site and are not considered properties of concern.

#### **4.8 Physical Setting Sources**

##### Topography

According to the United States Geological Survey (USGS) Topographic Maps, reviewed by Langan in EDR's Historical Topographic Map Report, the site is at approximately 23 feet above msl. The site topography is generally flat. Photographs showing the current site topography are provided in Appendix A.

##### Geology and Hydrogeology

Subsurface soil conditions based on previous reports completed by others in the near vicinity indicate the site is located within the Great Central Valley of California. The Great Central Valley is a sedimentary basin filled with sediments eroded from the Sierra Nevada. These sediments

include fragments of volcanic rock from ancient volcanoes as well as quartz and feldspar sand from the granite rocks of the Sierra Nevada. Based on the information provided in the EDR, the U.S. Department of Agricultural Soil Conservation Service has identified soils below the site as Veritas soils, consisting of loose, silty sand with some clay.

The site is located in the Eastern San Joaquin subbasin of the San Joaquin Valley groundwater basin. According to previous investigations conducted by others at the site and nearby properties, groundwater flows to the west-northwest. Groundwater has been encountered at nearby sites at depths ranging from 12 to 20 feet bgs.

#### **4.9 Surface Water and Flood Plain Conditions**

##### Surface Water

The San Joaquin Irrigation Canal is the closest surface water body, which is approximately 1,300 feet west of the site.

##### Flood Plain

Based on the national wetlands inventory, the site is not considered to be an active wetland. The site is not located in a 100-year or 500-year flood zone.

#### **4.10 Nearby Well Locations**

Langan's review of the EDR Radius Report and RWQCB online GeoTracker website identified one domestic groundwater well located on-site (well ID: 79370) and a municipal well located approximately 1,200 feet east of the site (well ID: 3901379-001). The domestic groundwater well was not observed on-site during Langan's site visit.

#### **4.11 Historical Use Information on the Site, Adjoining Properties, and Surrounding Properties**

##### Aerial Photograph Review

Langan reviewed aerial photographs to evaluate past uses and relevant characteristics of the site and surrounding properties. We reviewed the following aerial photographs from EDR: 1937, 1940, 1957, 1963, 1968, 1975, 1982, 1991, 1993, 2006, 2009, 2012, and 2016. Appendix D contains copies of the aerial photographs from EDR.

In the 1937 through 1982 aerial photographs, the site is used for agricultural crop production and as a rural residence. The adjacent properties appear to be constructed similarly. In the 1975 aerial photograph, it appears an industrial type facility is now present to the north of the site. The 1993

aerial photograph shows a new building near the site residence structures. The 2006 aerial photograph shows the surrounding areas to the southeast have been developed into residential properties and an industrial facility has been developed to the southwest of the site. The 2009 and 2012 aerial photographs show more residential development to the west of the site. In the 2012 and 2016 aerial photographs, the site appears to be no longer used for agricultural purposes. In 2016, a commercial building is shown to the west of the site and the residential buildings within the southeast corner of the site are no longer present.

#### Sanborn Maps Review

Langan reviewed Sanborn Maps from EDR for the site and adjoining properties. Sanborn Maps provide information on structures related to building construction and materials that could increase the risk of fires, i.e. gasoline tanks, chemical storage, etc. within these structures. No Sanborn maps were available for the target property. Appendix E contains the cover page of the Sanborn Map search from EDR.

#### Historical Topography Maps Review

Langan reviewed the following Historical Topography Maps from EDR: 1914, 1915, 1952, 1968, 1976, 1987, 1991, 1994, 1996, and 2012. Appendix F contains copies of the Historical Topography Maps. The average elevation at the site remains relatively unchanged from 1914 to 2012, and the approximate elevation is 23 feet above msl.

#### City Directory Review

A city directory search was conducted by EDR from the earliest available directory to the present for the site address of 2055 N. Airport Way. City Directories were available and reviewed by EDR at approximately five year intervals starting in 1968 through 2017. The site address of 2055 N. Airport Way was not listed in any of the directories searched. Appendix G contains a copy of the City Directory Report.

## **5.0 SITE RECONNAISSANCE**

### **5.1 Methodology and Limiting Conditions**

The site reconnaissance was conducted as a perimeter walk of the site and then progressing to the adjacent and surrounding properties.

The assessment of the site and adjacent and surrounding properties was limited to identifying, if possible, any indications of past or current use that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products; noting the general type of current

use; the general topography of the surrounding area; and providing a general description of adjoining or adjacent structures.

Ms. Sarah Torkelson of Langan performed a site and vicinity reconnaissance on behalf of Langan on 10 August 2021. Appendix A contains photographs from the site reconnaissance.

## **5.2 General Site Setting and Reconnaissance Observations**

The site is a vacant lot. The surrounding area is developed for residential as well as commercial, light industrial, and agricultural uses. Photographs showing the current site use are provided in Appendix A.

### Past Use of Site

No evidence of past site use was visible during the site reconnaissance.

### Description of Structures

The site has no existing structures.

### Roads

The site is bordered by S. Airport Way to the east.

### Storm Drains

Storm drains were not observed at the site.

## **5.3 Site Observations**

### Hazardous Substances and Petroleum Products in Connection with Identified Uses

Langan did not observe hazardous substances or petroleum products in connection with the identified uses at the site during reconnaissance.

### Hazardous Substances and Petroleum Products in Connection with Unidentified Uses

Langan did not observe hazardous substances or petroleum products in connection with unidentified uses at the site during reconnaissance.

### Storage Tanks

Langan did not observe any storage tanks at the site during reconnaissance.



Odors

Langan did not observe any odors at the site during reconnaissance.

Pools of Liquids

Langan did not observe any pools or ponded liquids at the site during reconnaissance.

Drums

Langan did not observe any drums at the site during reconnaissance.

PCBs

During site reconnaissance, Langan observed one transformer along S. Airport Way on the eastern property boundary.

Pits, Ponds, or Lagoons

Langan did not observe any pits, ponds, or lagoons at the site during reconnaissance.

Stained Soil or Pavement

Langan did not observe stained pavement at the site during reconnaissance.

Stressed Vegetation

Langan did not observe stressed vegetation at the site during reconnaissance.

Solid Waste

Langan did not observe solid waste at the site during reconnaissance.

Wastewater

Langan did not observe wastewater discharges at the site during reconnaissance.

Wells

Langan did not observe any wells at the site during reconnaissance.

Septic Systems

Langan did not observe septic systems at the site during reconnaissance.

### Utilities

Utility vaults believed to be related to water lines, electrical lines, gas lines, and storm water lines are present along the site boundaries.

## **6.0 INTERVIEWS**

### **6.1 Subject Site User/Owner**

For the Phase I ESA, Langan interviewed the User/Owner of this report, as defined in ASTM E1527-13. The purpose of the interview was to obtain information indicating possible RECs in connection with the site and to provide further details regarding historical use of the site.

The interview was conducted with Mr. Steve Chaky and Mr. John Lass of Centerpoint Properties, acting as a representative of the User/Owner, via the questionnaire described in Section 3.0 above. Mr. Chaky and Mr. Lass stated that they were not aware of any current government notifications, violations of environmental laws, or litigation at the site.

### **6.2 Owners/Tenants Adjacent Properties**

Owners/Tenants of adjacent properties were not available for interview during site reconnaissance.

## **7.0 PHASE I ESA FINDINGS AND CONCLUSION**

Langan's findings with respect to known and suspect RECs and de minimis conditions, and our opinion of these findings are as follows:

### **7.1 Known or Suspect RECs**

Based on the databases searched by EDR, requests made for public documentation related to past or present environmental conditions at the site and surrounding area, our site reconnaissance, and the previously completed reports for the site discussing the subsurface investigation results, Langan has identified no RECs associated with the site during this Phase I ESA.

### **7.2 Data Gaps**

The site history could not be researched in five-year intervals back to 1940 because of a lack of readily available information, it is Langan's opinion that this variation from the ASTM standard does not significantly affect the results of this Phase I ESA or the ability to assess the presence of a REC at the site.

## 8.0 DEVIATIONS

This Phase I ESA has been performed without deviation to, and in conformance with, ASTM Practice E1527-13 (Standard Practice for ESA: Phase I ESA Process) except as noted. No expressed or implied representation or warranty is included or intended in the report, except that the services were performed within the limits prescribed by the Client, and with the customary thoroughness and competence of our profession.

## 9.0 ADDITIONAL SERVICES

The scope of services performed for this study did not include the following non-ASTM required Phase I ESA items: radon, asbestos containing materials (ACM), lead-based paint (LBP), lead in drinking water, polychlorinated biphenyl (PCB)-containing material, wetlands, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, mold, indoor air quality, and biological agents.

## 10.0 REFERENCES

The sources below were used during the performance of this Phase I ESA.

- ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process;
- 40 CFR Part 312, Standards and Practices for All Appropriate Inquiry, Federal Register, Volume 70, Number 210, 1 November 2005.
- State of California Department of Toxic Substances Control, *EnviroStor online database*, <http://www.envirostor.dtsc.ca.gov/public/>;
- State of California State Water Resources Control Board, *Geotracker online database*, <http://geotracker.waterboards.ca.gov/>;
- Environmental Data Resources, Inc. – Environmental Database Search Report: 2205 N. Airport Way, Manteca, California, 95336;
  - The EDR – Radius Map™ Report with GeoCheck® dated 26 July 2021;
  - The EDR – Aerial Photo Decade Package dated 26 July 2021;
  - The EDR – Historical Topographical Map Report dated 26 July 2021;
  - The EDR – Certified Sanborn® Map Report dated 26 July 2021; and
  - The EDR – City Directory Abstract dated 26 July 2021.
- Conestoga-Rovers & Associates (CRA), Limited Soil Sampling Letter Report, Centerpoint Properties Trust Site, Airport Way, Lathrop/Manteca, California, dated 18 October 2007;

- Conestoga-Rovers & Associates (CRA), Phase I Environmental Site Assessment, Aufdermaur, Manteca, California, dated 26 October 2007;
- Conestoga-Rovers & Associates (CRA), Limited Soil Sampling Letter Report, Centerpoint Properties Trust Site, Aufdermeir AST Area, 14755 S. Airport Way, Lathrop/Manteca, California, dated 28 January 2008; and
- Conestoga-Rovers & Associates (CRA), Remedial Action Plan, Union Pacific Railroad – RCCI Property Purchase, Lathrop, California, dated 28 October 2011.

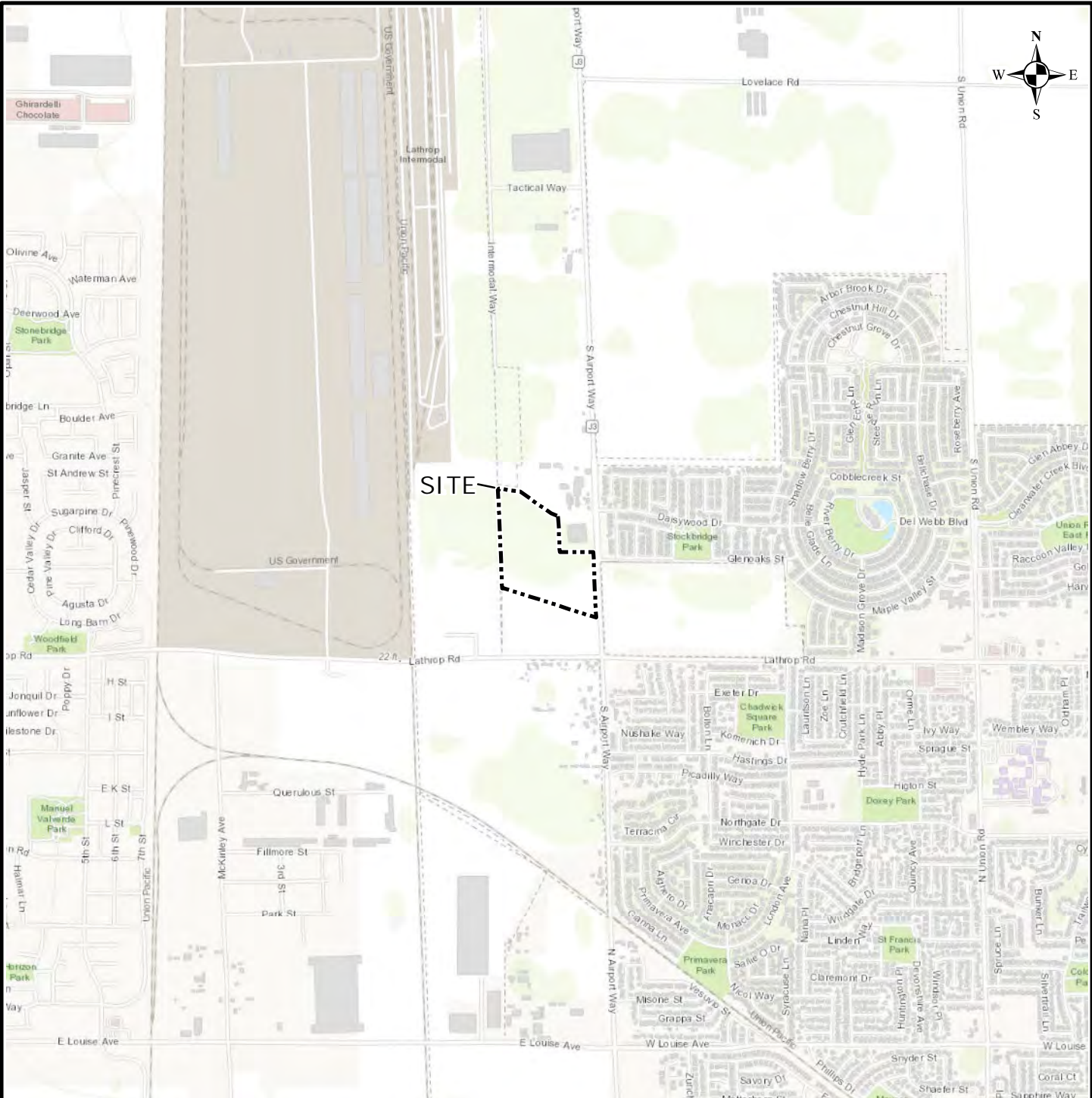
## **11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

The signatures of the environmental professional(s) responsible for this Phase I ESA are provided on the submittal letter and/or cover page of this report.


## **12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

The qualifications of the environmental professionals that conducted this ESA are presented in the resumes provided in Appendix H. Langan declares 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. Langan has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. Langan has developed and performed the all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312.

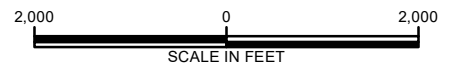
## FIGURES



**Legend**

 Approximate Site Boundary

Notes:  
 1. Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online  
 Copyright: © 2011 National Geographic Society, i-cubed.



<p><b>LANGAN</b>          Langan Engineering and Environmental Services, Inc.          1 Almaden Boulevard, Suite 590          San Jose, CA 95113-2253          T: 408.551.6700 F: 408.551.0344 www.langan.com</p>	<p>Project  <b>2205 NORTH AIRPORT WAY</b>          MANTECA          SAN JOAQUIN COUNTY CALIFORNIA</p>	<p>Figure Title  <b>SITE LOCATION MAP</b></p>	<p>Project No.          770682101          Date          7/30/2021          Scale          1" = 2,000'          Drawn By          JNE</p>	<p>Figure  <b>1</b></p>
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**Legend**  
 Site Boundary

**Notes:**  
 1. Aerial imagery provided by Nearmap, 06/01/2021.  
 2. All features shown are approximate.



**LANGAN**

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Project

2205 NORTH AIRPORT WAY

MANTECA

SAN JOAQUIN COUNTY

CALIFORNIA

Figure Title

SITE PLAN

Project No.  
770682101

Date  
7/30/2021

Scale  
1" = 300'

Drawn By  
JNE

Figure

2

**APPENDIX A**  
**SITE PHOTOGRAPHS**





Photograph 1: View of eastern portion of the site (looking east).



Photograph 2: View of western portion of the site (looking east).



Photograph 3: View of adjacent property on the west side of the site (looking northwest)



Photograph 4: View of adjacent property to the south of the site with agricultural use (looking southeast).



Photograph 5: View of rail freight transfer station adjacent property along northeast site boundary (looking northeast).



Photograph 6: View of Crothall Healthcare office from S. Airport Way, adjacent property along eastern site boundary (looking northwest).



Photograph 7: View of eastern portion of property (looking southeast).



Photograph 8: View of eastern portion of property and adjacent Crothall Healthcare office (looking north).



Photograph 9: View of undeveloped eastern portion of site and developed western portion of site (looking northwest).



Photograph 10: View of S. Airport Way and adjacent property (looking east).



Photograph 11: View of transformer along eastern property boundary (looking west).



Photograph 12: View of western portion of site (looking west).



Photograph 13: View of eastern property boundary along S. Airport Way (facing south).



Photograph 14: View of property from S. Airport Way (facing west).

**APPENDIX B**  
**USER/OWNER QUESTIONNAIRE AND TITLE REPORT**



28 July 2021

Mr. John Lass  
Vice President – Development, West Region  
Centerpoint Properties  
725 S. Figueroa Street, Suite 3005  
Los Angeles, California 90017

**SUBJECT: Request for Information  
Phase I Environmental Site Assessment  
2229 and 2273 N. Airport Way  
Manteca, California  
Langan Project No. 770682101**

Dear Mr. Lass:

Langan Engineering and Environmental Services, Inc. (Langan) is pleased at the opportunity to conduct a Phase I Environmental Site Assessment (ESA) for the properties located at 2229 and 2273 N. Airport Way in Manteca, California. To provide a more comprehensive assessment, we respectfully request that the current Site owners, operators, and/or managers provide the information listed attached. Please also send us any such documentation that you may have regarding this information.

We appreciate your assistance in initiating this assessment. If you have any questions, please contact me at (408) 283-3615.

Sincerely yours,  
**Langan Engineering and Environmental Services, Inc.**



Peter J. Cusack  
Senior Associate/VP

770682101 Owner-Operator-Site Manager Questionnaire\_2229 and 2273 N. Airport Way\_Manteca

**ASTM PRACTICE E 1527-13:  
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE**

Please complete the below form and return to  
Langan Engineering and Environmental Services, Inc.

Project Location/Address: **2229 and 2273 N. Airport Way  
Manteca, California  
Langan Project No. 770682101**

**ASTM E-1527-13, Section 10.9**

Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? **Yes**  **No**

Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? **Yes**  **No**

Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? **Yes**  **No**

**ASTM E-1527-13, Section 10.8**

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	<b>Unaware</b>	<b>Document Exists</b>	<b>Copy will be provided</b>
Environmental site assessment reports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental compliance audit reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Registrations for underground and aboveground storage tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Material safety data sheets	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community-right-to-know plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, facility response plans, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reports regarding hydrogeologic conditions on the property or surrounding area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous waste generator notices or reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical studies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Risk Assessments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recorded Activity and Use Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Cleanup Reports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**ASTM PRACTICE E 1527-13:  
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE**

Do you have contact information for the prior owner of the property? Yes  No

If yes, please provide information below:

Prior Owner's Name \_\_\_\_\_

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

Do you have contact information for the prior occupant of the property? Yes  No

If yes, please provide information below:

Prior Occupant's Name \_\_\_\_\_

Contact person \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

Do you have information on the prior facility manager of the property? Yes  No

If yes, please provide information below:

Prior Facility Manager's Name \_\_\_\_\_

Contact person \_\_\_\_\_

Address \_\_\_\_\_

Telephone \_\_\_\_\_

**This form was completed by:**

Property Owner  Operator  Key Site Manager  User  EP

Name: Steve Chaky/John Lass

Address: 725 S Figueroa St #3005, Los Angeles, CA 90017

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



First American Title Insurance Company  
National Commercial Services  
3281 E Guasti Road, Suite 440  
Ontario, CA 91761

Marjorie C. Howard. Esq.  
Richmond Breslin LLP  
5215 Old Orchard Rd Ste 420  
Skokie , IL 60077  
Phone: (312)568-4404

Customer Reference: Parcel Map - Centerpoint Properties Trust

Title Officer: Kimberly Delpolito  
Phone: (909)510-6202  
Email: kdelpolito@firstam.com

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of July 07, 2021 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

Subdivision Guarantee

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Centerpoint Properties Trust, a Maryland Real Estate Investment Trust

The estate or interest in the land hereinafter described or referred to covered by this Report is:

Fee Simple

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2021-2022, a lien not yet due or payable.

(Pursuant to Government Code 66493 of the State of California the Subdivision Map Act requires that during the period from January 1 through October 1 when real property taxes are an assessed lien not yet due and payable that a tax bond be filed with the clerk of the board of supervisors to secure payment of said taxes. A tax bond estimate should be requested from this office at least two months prior to the date scheduled for recordation of the map.)

2. The lien of special tax assessed pursuant to Chapter 2.5 commencing with Section 53311 of the California Government Code for Community Facilities District No. 2018-01, as disclosed by Notice of Special Tax Lien recorded February 20, 2018 as Instrument No. [2018-019187](#) of Official Records.
3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
4. Taxes and assessments levied by the South San Joaquin Irrigation District.
5. Water rights, claims or title to water, whether or not shown by the public records.
6. Rights of the public in and to that portion of the Land lying within Airport Way.

7. An easement for electrical transmission lines and incidental purposes, recorded June 8, 1928 as [Book 236, Page 337](#) of Official Records.  
In Favor of: Pacific Telephone and Telegraph Company, a California corporation  
Affects: as described therein

The location of the easement cannot be determined from record information.

8. The terms and provisions contained in the document entitled "Agreement to Transfer Irrigation Facilities" recorded March 25, 1999 as Instrument No. [99040450](#) of Official Records.
9. An easement for pipelines, utilities and incidental purposes, recorded March 25, 1999 as Instrument No. [99040451](#) of Official Records.  
In Favor of: South San Joaquin Irrigation District  
Affects: as described therein

10. The terms, provisions and easement(s) contained in the document entitled "Reciprocal Ingress-Egress Easement " recorded December 31, 2009 as Instrument No. [2009-185519](#) of Official Records.

The terms and provisions contained in the document entitled "Amended and Restated Reciprocal Ingress-Egress EAsement" recorded April 23, 2014 as Instrument No. [2014-039818](#) as of Official Records.

11. The terms, provisions and easement(s) contained in the document entitled "Road and Utility Easement" recorded December 15, 2011 as Instrument No. [2011-155297](#) of Official Records.
12. The terms and provisions contained in the document entitled "Development Agreement" recorded December 4, 2012 as Instrument No. [2012-158825](#) of Official Records.

Document(s) declaring modifications thereof recorded December 4, 2012 as Instrument No. [2012-158826](#) and recorded December 29, 2017 as Instrument No. [2017-157483](#), both of Official Records.

13. An easement for storm drainage and incidental purposes, recorded April 30, 2014 as Instrument No. [2014-042058](#) of Official Records.  
In Favor of: City of Manteca, a municipal corporation  
Affects: as described therein

Terms and provisions contained in the above document.

14. An easement for sanitary sewer, water, storm drain lines, electrical, gas, telephone, cablevision lines and incidental purposes, recorded April 30, 2014 as Instrument No. [2014-042062](#) of Official Records.  
In Favor of: City of Manteca, a municipal corporation  
Affects: as described therein

Terms and provisions contained in the above document.

15. An easement for sanitary sewer, water, storm drain lines, electrical, gas, telephone, cablevision lines and incidental purposes, recorded April 30, 2014 as Instrument No. [2014-042063](#) of Official Records.  
In Favor of: City of Manteca, a municipal corporation  
Affects: as described therein

Terms and provisions contained in the above document.

16. An easement for storm drain line, storm drain basin, storm drainage and incidental purposes, recorded April 30, 2014 as Instrument No. [2014-042065](#) of Official Records.  
In Favor of: City of Manteca, a municipal corporation  
Affects: as described therein

Terms and provisions contained in the above document.

17. An easement for dispose of drainage water and incidental purposes, recorded January 22, 2015 as Instrument No. [2015-008102](#) of Official Records.  
In Favor of: South San Joaquin Irrigation District  
Affects: as described therein

Terms and provisions contained in the above document.

18. Covenants, conditions, restrictions, easements, assessments, liens, charges, terms and provisions in the document recorded December 7, 2018 as Instrument No. [2018-135597](#) of Official Records, which provide that a violation thereof shall not defeat or render invalid the lien of any first mortgage or deed of trust made in good faith and for value, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status, national origin, sexual orientation, marital status, ancestry, source of income or disability, to the extent such covenants, conditions or restrictions violate Title 42, Section 3604(c), of the United States Codes. Lawful restrictions under state and federal law on the age of occupants in senior housing or housing for older persons shall not be construed as restrictions based on familial status.

19. The terms and provisions contained in the document entitled "R2019-60 - Resolution of the City Council of the City of Manteca, State of California, Authorizing the Acceptance of Public Improvements and the Exoneration of Performance Bond for the Centerpoint Offsite Improvements" recorded June 19, 2019 as Instrument No. [2019-064169](#) of Official Records.

20. The terms and provisions contained in the document entitled "R2019-61 - Resolution of the City Council of the City of Manteca, State of California, authorizing the acceptance of public improvements for the Centerpoint water circulation pump and irrigation well serving landscaping in the public right of way; and accepting a grant of easement over the water circulation pump and irrigation well

" recorded July 24, 2019 as Instrument No. [2019-078087](#) of Official Records.

21. An easement for rights to install, use, maintain and inspect a water circulation pump and an irrigation well and incidental purposes, recorded July 24, 2019 as Instrument No. [2019-078088](#) of Official Records.  
In Favor of: City of Manteca, a municipal corporation  
Affects: as described therein

Terms and provisions contained in the above document.

22. The terms and provisions contained in the document entitled "South San Joaquin Irrigation District Irrigation Service Abandonment Agreement" recorded March 16, 2020 as Instrument No. [2020-033548](#) of Official Records.
23. The terms and provisions contained in the document entitled "Encroachment Agreement" recorded March 16, 2020 as Instrument No. [2020-033556](#) of Official Records.
24. An easement for pipelines, utilities and incidental purposes, recorded October 20, 2020 as Instrument No. [2020-140451](#) of Official Records.  
In Favor of: South San Joaquin Irrigation District  
Affects: as described therein
25. An easement for patrolling, maintaining, operating, repairing, removing, replacing, enlarging, reconstructive and using the District's Drain 3 and to maintain the slope embankment to support the canal and access road and incidental purposes, recorded October 20, 2020 as Instrument No. [2020-140452](#) of Official Records.  
In Favor of: South San Joaquin Irrigation District  
Affects: as described therein
26. Any rights, interests, or easements in favor of the public, which exist or are claimed to exist over any portion of said land covered by water, including a public right of access to the water.
27. Rights of parties in possession.
28. This report is preparatory to the issuance of a subdivision guarantee and is intended solely for the use of those parties directly involved in the preparation and checking of said map.

Note: Prior to issuing a subdivision guarantee, we require that a copy of the final map be provided to our office for review at least one month prior to scheduled approval by the governing body.



INFORMATIONAL NOTES

ALERT - CA Senate Bill 2 imposes an additional fee of \$75 up to \$225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. Taxes for proration purposes only for the fiscal year 2020-2021.  
First Installment: \$28.43, PAID  
Second Installment: \$28.43, PAID  
Tax Rate Area: 002-000  
APN: 198-030-34
2. Taxes for proration purposes only for the fiscal year 2020-2021.  
First Installment: \$49,300.92, PAID  
Second Installment: \$49,300.92, PAID  
Tax Rate Area: 002-000  
APN: 198-030-35
3. Should this report be used to facilitate your transaction, we must be provided with the following prior to the issuance of the policy:
  - A. WITH RESPECT TO A CORPORATION:
    1. A certificate of good standing of recent date issued by the Secretary of State of the corporation's state of domicile.
    2. A certificate copy of a resolution of the Board of Directors authorizing the contemplated transaction and designating which corporate officers shall have the power to execute on behalf of the corporation.
    3. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
    4. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
  - B. WITH RESPECT TO A CALIFORNIA LIMITED PARTNERSHIP:
    1. A certified copy of the certificate of limited partnership (form LP-1) and any amendments thereto (form LP-2) to be recorded in the public records;
    2. A full copy of the partnership agreement and any amendments;
    3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
    4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
    5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
  - C. WITH RESPECT TO A FOREIGN LIMITED PARTNERSHIP:
    1. A certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) to be recorded in the public records;
    2. A full copy of the partnership agreement and any amendment;
    3. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
    4. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.

5. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
- D. WITH RESPECT TO A GENERAL PARTNERSHIP:
1. A certified copy of a statement of partnership authority pursuant to Section 16303 of the California Corporation Code (form GP-1), executed by at least two partners, and a certified copy of any amendments to such statement (form GP-7), to be recorded in the public records;
  2. A full copy of the partnership agreement and any amendments;
  3. Requirements which the Company may impose following its review of the above material required herein and other information which the Company may require.
- E. WITH RESPECT TO A LIMITED LIABILITY COMPANY:
1. A copy of its operating agreement and any amendments thereto;
  2. If it is a California limited liability company, a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) to be recorded in the public records;
  3. If it is a foreign limited liability company, a certified copy of its application for registration (LLC-5) to be recorded in the public records;
  4. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, such document or instrument must be executed in accordance with one of the following, as appropriate:
    - (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such documents must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
    - (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
  5. A certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
  6. Requirements which the Company may impose following its review of the above material and other information which the Company may require.
- F. WITH RESPECT TO A TRUST:
1. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
  2. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
  3. Other requirements which the Company may impose following its review of the material require herein and other information which the Company may require.
- G. WITH RESPECT TO INDIVIDUALS:
1. A statement of information.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Manteca, County of San Joaquin, State of California, described as follows:

TENTATIVE PARCEL MAP (CENTERPOINT PROPERTIES TRUST), BEING A DIVISION OF THE FOLLOWING:

PARCEL ONE:

A PORTION OF PARCEL ONE AND A PORTION OF PARCEL THREE OF THE LAND DEEDED TO CENTERPOINT PROPERTIES TRUST DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED APRIL 10, 2008 AS DOCUMENT NO. [2008-056968](#), SAN JOAQUIN COUNTY RECORDS, EXCEPTING THEREFROM, ALL THE LAND DEEDED TO UNION PACIFIC RAILROAD DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED DECEMBER 15, 2011 AS DOCUMENT NO. [2011-155296](#), SAN JOAQUIN COUNTY RECORDS, HEREINAFTER REFERRED TO AS CPT PARCEL, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID CPT PARCEL BEING THE SOUTHEAST CORNER OF THE 40.00 FOOT WIDE SAN JOAQUIN IRRIGATION DISTRICT DRAIN NO. 3 PARCEL, AS SHOWN ON THAT CERTAIN SURVEY FILED FOR RECORD JULY 21, 1966 IN [BOOK 15 OF SURVEYS, PAGE 72](#), SAN JOAQUIN COUNTY RECORDS AND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED IN BOOK "A" OF DEEDS, [VOLUME 326, PAGE 194](#), SAN JOAQUIN COUNTY RECORDS, ALSO BEING A POINT ON THE WEST RIGHT-OF-WAY LINE OF AIRPORT WAY, SAID POINT BEING 40.00 FEET WEST (MEASURED AT RIGHT ANGLES) OF THE CENTERLINE OF SAID AIRPORT WAY; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, SOUTH 403.07 FEET TO THE POINT OF BEGINNING; THENCE AT RIGHT ANGLE, WEST, 25.00 FEET; THENCE ALONG AN ARC OF A NON-TANGENT CURVE CONCAVE TO THE NORTHWEST FROM A RADIAL LINE BEARING SOUTH 51° 51' 40" EAST, HAVING A RADIUS OF 44.50 FEET, A CENTRAL ANGLE OF 51° 51' 40" AND AN ARC LENGTH OF 40.28 FEET; THENCE EAST, 438.49 FEET; THENCE AT A RIGHT ANGLE, SOUTH 46.00 FEET; THENCE AT A RIGHT ANGLE, EAST, 498.49 FEET TO THE WEST RIGHT-OF-WAY OF SAID AIRPORT WAY; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, NORTH 63.02 FEET TO THE POINT OF BEGINNING.

THE ABOVE LEGAL DESCRIPTION IS ALSO REFERRED TO AS EXHIBIT "A" LEGAL DESCRIPTION - RESULTANT PARCEL "B" AS SHOWN ON NOTICE OF LOT LINE ADJUSTMENT LLA-13-47-06, RECORDED NOVEMBER 04, 2013, AS INSTRUMENT NO. [2013-138200](#), SAN JOAQUIN COUNTY RECORDS.

EXCEPTING THEREFROM ALL THAT PORTION CONTAINED IN GRANT DEED TO THE CITY OF MANTECA, A MUNICIPAL CORPORATION RECORDED APRIL 30, 2014, AS INSTRUMENT NO. [2014-042060](#), OF OFFICIAL RECORDS.

PARCEL TWO:

A PORTION OF PARCEL ONE, A PORTION OF PARCEL THREE, AND A PORTION OF PARCEL TWO OF THE LAND DEEDED TO CENTERPOINT PROPERTIES TRUST DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED APRIL 10, 2008 AS DOCUMENT NO. [2008-056968](#), SAN JOAQUIN COUNTY RECORDS, HEREINAFTER REFERRED TO AS CPT PARCEL, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF PARCEL ONE, PARCEL TWO AND PARCEL THREE.

EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF THE LAND DEEDED TO UNION PACIFIC RAILROAD DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED DECEMBER 15, 2011 AS DOCUMENT NO. [2011-155296](#), SAN JOAQUIN COUNTY RECORDS.

ALSO EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID CPT PARCEL, ALSO BEING THE SOUTHEAST CORNER OF THE 40.00 FOOT WIDE SOUTH SAN JOAQUIN IRRIGATION DISTRICT DRAIN NO. 3 PARCEL, AS SHOWN ON THAT CERTAIN SURVEY FILED FOR RECORD JULY 21, 1966 IN [BOOK 15 OF SURVEYS, PAGE 72](#), SAN JOAQUIN COUNTY RECORDS AND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED IN BOOK "A" OF DEEDS, [VOLUME 326, PAGE 194](#), SAN JOAQUIN COUNTY RECORDS, ALSO BEING A POINT ON THE WEST RIGHT-OF-WAY LINE OF AIRPORT WAY, SAID POINT BEING 40.00 FEET WEST (MEASURED AT RIGHT ANGLES) OF THE CENTERLINE OF SAID AIRPORT WAY; THENCE ALONG THE WEST RIGHT-OF-WAY LINE OF AIRPORT WAY, SOUTH, 403.07 FEET; THENCE AT A RIGHT ANGLE, WEST, 25.00 FEET; THENCE ALONG AN ARC OF A NON-TANGENT CURVE CONCAVE TO THE NORTHWEST FROM A RADIAL LINE BEARING SOUTH 51° 51' 40" EAST, HAVING A RADIUS OF 44.50 FEET, A CENTRAL ANGLE OF 51° 51' 40" AND AN ARC LENGTH OF 40.28 FEET; THENCE EAST, 438.49 FEET; THENCE NORTH, 456.84 FEET TO THE NORTH LINE OF SAID CPT PARCEL, ALSO BEING THE SOUTH LINE OF SAID SOUTH SAN JOAQUIN IRRIGATION DISTRICT DRAIN NO. 3 PARCEL; THENCE ALONG SAID SOUTH LINE THE FOLLOWING TWO (2) COURSES: (1) SOUTH 68° 18' 30" EAST, 50.13 FEET; AND (2) SOUTH 87° 41' 30" EAST, 452.28 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID CPT PARCEL BEING THE SOUTHEAST CORNER OF THE 40.00 FOOT WIDE SAN JOAQUIN IRRIGATION DISTRICT DRAIN NO. 3 PARCEL, AS SHOWN ON THAT CERTAIN SURVEY FILED FOR RECORD JULY 21, 1966 IN [BOOK 15 OF SURVEYS, PAGE 72](#), SAN JOAQUIN COUNTY RECORDS AND DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED IN BOOK "A" OF DEEDS, [VOLUME 326, PAGE 194](#), SAN JOAQUIN COUNTY RECORDS, ALSO BEING A POINT ON THE WEST RIGHT-OF-WAY LINE OF AIRPORT WAY, SAID POINT BEING 40.00 FEET WEST (MEASURED AT RIGHT ANGLES) OF THE CENTERLINE OF SAID AIRPORT WAY; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, SOUTH 403.07 FEET TO THE POINT OF BEGINNING; THENCE AT RIGHT ANGLE, WEST, 25.00 FEET; THENCE ALONG AN ARC OF A NON-TANGENT CURVE CONCAVE TO THE NORTHWEST FROM A RADIAL LINE BEARING SOUTH 51° 51' 40" EAST, HAVING A RADIUS OF 44.50 FEET, A CENTRAL ANGLE OF 51° 51' 40" AND AN ARC LENGTH OF 40.28 FEET; THENCE EAST, 438.49 FEET; THENCE AT A RIGHT ANGLE, SOUTH 46.00 FEET; THENCE AT A RIGHT ANGLE, EAST, 498.49 FEET TO THE WEST RIGHT-OF-WAY OF SAID AIRPORT WAY; THENCE ALONG SAID WEST RIGHT-OF-WAY LINE, NORTH 63.02 FEET TO THE POINT OF BEGINNING.

THE ABOVE LEGAL DESCRIPTION IS ALSO REFERRED TO AS EXHIBIT "A" LEGAL DESCRIPTION - RESULTANT PARCEL "C" AS SHOWN ON NOTICE OF LOT LINE ADJUSTMENT LLA-13-47-06, RECORDED NOVEMBER 04, 2013, AS INSTRUMENT NO. [2013-138200](#), SAN JOAQUIN COUNTY RECORDS.

EXCEPTING THEREFROM ALL THAT PORTION CONTAINED IN GRANT DEED TO THE CITY OF MANTECA, A MUNICIPAL CORPORATION RECORDED APRIL 30, 2014, AS INSTRUMENT NO. [2014-042059](#), OF OFFICIAL RECORDS.

APN: 198-030-34 and 198-030-35 (Referenced for informational purposes only)

*NOTICE I*

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

*NOTICE II*

As of January 1, 1991, if the transaction which is the subject of this report will be a sale, you as a party to the transaction, may have certain tax reporting and withholding obligations pursuant to the state law referred to below:

In accordance with Sections 18662 and 18668 of the Revenue and Taxation Code, a buyer may be required to withhold an amount equal to three and one-third percent of the sales price in the case of the disposition of California real property interest by either:

1. A seller who is an individual with a last known street address outside of California or when the disbursement instructions authorize the proceeds be sent to a financial intermediary of the seller, OR
2. A corporate seller which has no permanent place of business in California.

The buyer may become subject to penalty for failure to withhold an amount equal to the greater of 10 percent of the amount required to be withheld or five hundred dollars (\$500).

However, notwithstanding any other provision included in the California statutes referenced above, no buyer will be required to withhold any amount or be subject to penalty for failure to withhold if:

1. The sales price of the California real property conveyed does not exceed one hundred thousand dollars (\$100,000), OR
2. The seller executes a written certificate, under the penalty of perjury, certifying that the seller is a resident of California, or if a corporation, has a permanent place of business in California, OR
3. The seller, who is an individual, executes a written certificate, under the penalty of perjury, that the California real property being conveyed is the seller's principal residence (as defined in Section 1034 of the Internal Revenue Code).

The seller is subject to penalty for knowingly filing a fraudulent certificate for the purpose of avoiding the withholding requirement.

The California statutes referenced above include provisions which authorize the Franchise Tax Board to grant reduced withholding and waivers from withholding on a case-by-case basis.

The parties to this transaction should seek an attorney's, accountant's, or other tax specialist's opinion concerning the effect of this law on this transaction and should not act on any statements made or omitted by the escrow or closing officer.

The Seller May Request a Waiver by Contacting:  
Franchise Tax Board  
Withhold at Source Unit  
P.O. Box 651  
Sacramento, CA 95812-0651  
(916) 845-4900

## Privacy Policy

### We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

### Applicability

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at [www.firstam.com](http://www.firstam.com).

### Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

### Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

### Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

### Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (02-03-10)  
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - (a) building;
  - (b) zoning;
  - (c) land use;
  - (d) improvements on the Land;
  - (e) land division; and
  - (f) environmental protection.This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - (a) that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - (b) that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - (c) that result in no loss to You; or
  - (d) that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - (a) to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - (b) in streets, alleys, or waterways that touch the Land.This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

Your Deductible Amount	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16: 1% of Policy Amount or \$2,500.00 (whichever is less)	\$10,000.00
Covered Risk 18: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21: 1% of Policy Amount or \$2,500.00 (whichever is less)	\$5,000.00

ALTA RESIDENTIAL TITLE INSURANCE POLICY (6-1-87)  
EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
  - (a) and use
  - (b) improvements on the land
  - (c) and division
  - (d) environmental protectionThis exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date. This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
2. The right to take the land by condemning it, unless:
  - (a) a notice of exercising the right appears in the public records on the Policy Date
  - (b) the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking
3. Title Risks:

- (a) that are created, allowed, or agreed to by you
  - (b) that are known to you, but not to us, on the Policy Date -- unless they appeared in the public records
  - (c) that result in no loss to you
  - (d) that first affect your title after the Policy Date -- this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
4. Failure to pay value for your title.
5. Lack of a right:
- (a) to any land outside the area specifically described and referred to in Item 3 of Schedule A OR
  - (b) in streets, alleys, or waterways that touch your land
- This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

2006 ALTA LOAN POLICY (06-17-06)  
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
- i. the occupancy, use, or enjoyment of the Land;
  - ii. the character, dimensions, or location of any improvement erected on the Land;
  - iii. the subdivision of land; or
  - iv. environmental protection;
- or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
- a. created, suffered, assumed, or agreed to by the Insured Claimant;
  - b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - c. resulting in no loss or damage to the Insured Claimant;
  - d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
  - e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
- a. a fraudulent conveyance or fraudulent transfer, or
  - b. a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

- 1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
- 2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
- 3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
- 4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an



accurate and complete land survey of the Land and not shown by the Public Records.

5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

2006 ALTA OWNER'S POLICY (06-17-06)  
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - i. the occupancy, use, or enjoyment of the Land;
  - ii. the character, dimensions, or location of any improvement erected on the Land;
  - iii. the subdivision of land; or
  - iv. environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
- b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - a. created, suffered, assumed, or agreed to by the Insured Claimant;
  - b. not Known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - c. resulting in no loss or damage to the Insured Claimant;
  - d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
  - e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - a. a fraudulent conveyance or fraudulent transfer; or
  - b. a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) that arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)  
EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - i. the occupancy, use, or enjoyment of the Land;
  - ii. the character, dimensions, or location of any improvement erected on the Land;
  - iii. the subdivision of land; or
  - iv. environmental protection;or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
- b. Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - a. created, suffered, assumed, or agreed to by the Insured Claimant;
  - b. not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - c. resulting in no loss or damage to the Insured Claimant;
  - d. attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
  - e. resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - a. a fraudulent conveyance or fraudulent transfer, or
  - b. a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.

**APPENDIX C**  
**EDR DATABASE REPORT**

**2205 N Airport Way**

2205 N Airport Way

Lathrop, CA 95330

Inquiry Number: 6593230.2s

July 26, 2021

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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

2205 N AIRPORT WAY  
LATHROP, CA 95330

#### COORDINATES

Latitude (North): 37.8307410 - 37° 49' 50.66"  
Longitude (West): 121.2570490 - 121° 15' 25.37"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 653387.2  
UTM Y (Meters): 4188261.5  
Elevation: 23 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640064 LATHROP, CA  
Version Date: 2012  
  
East Map: 5640398 MANTECA, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140628  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
2205 N AIRPORT WAY  
LATHROP, CA 95330

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CENTERPOINT CONTAINE	2205 N AIRPORT WAY	NPDES, CIWQS		TP
<a href="#">Reg</a>	SHARPE GENERAL DEPOT		DOD	Same	1 ft.
<a href="#">Reg</a>	DEFENSE DISTRIBUTION	700 E ROTH RD	NPL, SEMS, CORRACTS, RCRA-TSDF, US ENG CONTROLS,	Same	1343, 0.254, West
<a href="#">A2</a>	TRIPLE J TRUCKING	14762 S AIRPORT WAY	UST	Higher	54, 0.010, SE
<a href="#">A3</a>	TRIPLE J TRUCKING	14762 S AIRPORT WAY	HIST UST	Higher	54, 0.010, SE
<a href="#">A4</a>	TRIPLE J TRUCKING	14762 S AIRPORT WAY	SWEEPS UST, CA FID UST	Higher	54, 0.010, SE
<a href="#">A5</a>	CARL AUFDERMAUR	14755 S AIRPORT	AST	Higher	55, 0.010, SE
<a href="#">A6</a>	PG&E MC MULLIN DEHYD	2200 AIRPORT WAY	CPS-SLIC, CERS	Higher	95, 0.018, ESE
<a href="#">7</a>	FORMER SUPREMA CHEES	N/A N. OF LATHROP RD	CPS-SLIC, CERS	Lower	390, 0.074, NW
<a href="#">8</a>	CON-FAB CORPORATION	2444 EAST LATHROP RO	ENVIROSTOR	Higher	692, 0.131, SSE
<a href="#">B9</a>	CALAVERAS MATERIALS	1945 E LATHROP RD	RCRA NonGen / NLR	Higher	970, 0.184, SW
<a href="#">B10</a>	WESTERN STONE PRODUC	1945 LATHROP RD E	LUST, Cortese, HIST CORTESE, CERS	Lower	1177, 0.223, SW
<a href="#">B11</a>	CALAVERAS MATERIALS,	1945 E LATHROP RD	AST, EMI	Lower	1177, 0.223, SW
<a href="#">B12</a>	CMI LATHROP RMC PLAN	1945 LATHROP ROAD	CERS HAZ WASTE, CERS TANKS, NPDES, CERS	Lower	1177, 0.223, SW
<a href="#">C13</a>	C. DE GROOT & SONS	14318 S AIRPORT WAY	HIST UST	Higher	1216, 0.230, NNE
<a href="#">C14</a>	C. DEGROOT & SONS	14318 S AIRPORT WAY	SWEEPS UST, HIST UST, CA FID UST	Higher	1216, 0.230, NNE
<a href="#">C15</a>	C DEGROOT & SONS*	14318 S AIRPORT WAY	UST	Higher	1216, 0.230, NNE
<a href="#">C16</a>	CHIRON CORP	14395 S AIRPORT WY	RCRA NonGen / NLR, FINDS, ECHO	Higher	1248, 0.236, NNE
<a href="#">17</a>	DEFENSE DIST DEPOT/S	ROTH ROAD BLDG S-4	ENVIROSTOR	Lower	3074, 0.582, WNW
<a href="#">18</a>	DEFENSE DISTRIBUTION	ROTH ROAD BLDG S-4	HAZNET, ICE, HWP, CERS, HWTS	Lower	3782, 0.716, WNW
<a href="#">19</a>	SHARPE ARMY DEPOT	60 MI EA OF SAN FRAN	ENVIROSTOR	Lower	3847, 0.729, NW
<a href="#">20</a>	SHARPE DEFENSE DEPOT	724 ACRES 60 MI EA O	HIST Cal-Sites, HIST CORTESE	Lower	4709, 0.892, NW
<a href="#">21</a>	JOE WIDMER ELEMENTAR	STONEBRIDGE LANE/1-5	ENVIROSTOR, SCH	Lower	4913, 0.930, West

# EXECUTIVE SUMMARY

## **TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CENTERPOINT CONTAINE 2205 N AIRPORT WAY MANTECA, CA 95336	NPDES Facility Status: Active CIWQS	N/A

## **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

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System



## EXECUTIVE SUMMARY

### **State- and tribal - equivalent NPL**

RESPONSE..... State Response Sites

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

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

### **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

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 Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

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

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

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

IHS OPEN DUMPS..... Open Dumps on Indian Land

#### **Local Lists of Hazardous waste / Contaminated Sites**

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

SCH..... School Property Evaluation Program

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

## EXECUTIVE SUMMARY

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

### **Records of Emergency Release Reports**

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

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
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  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
ECHO..... Enforcement & Compliance History Information  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
CUPA Listings..... CUPA Resources List  
DRYCLEANERS..... Cleaner Facilities  
EML..... Emissions Inventory Data  
ENF..... Enforcement Action Listing  
Financial Assurance..... Financial Assurance Information Listing  
HAZNET..... Facility and Manifest Data

## EXECUTIVE SUMMARY

ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program 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
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)
HWTS.....	Hazardous Waste Tracking System
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

# EXECUTIVE SUMMARY

## 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 04/27/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> Cerclis ID:: 902792 EPA Id: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

### ***Federal CERCLIS list***

SEMS: 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.

A review of the SEMS list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> Site ID: 0902792 EPA Id: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> EPA ID:: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

## EXECUTIVE SUMMARY

### **Federal RCRA non-CORRACTS TSD facilities list**

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> EPA ID:: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

### **Federal institutional controls / engineering controls registries**

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/22/2021 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> EPA ID:: CA8210020832 EPA ID:: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

US INST 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.

A review of the US INST CONTROLS list, as provided by EDR, and dated 02/22/2021 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> EPA ID:: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

### **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 identifies 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

## EXECUTIVE SUMMARY

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 04/23/2021 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON-FAB CORPORATION Facility Id: 39320014 Status: Refer: RWQCB	2444 EAST LATHROP RO	SSE 1/8 - 1/4 (0.131 mi.)	8	148
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DEFENSE DIST DEPOT/S Facility Id: 80001279 Status: Certified	ROTH ROAD BLDG S-4	WNW 1/2 - 1 (0.582 mi.)	17	195
SHARPE ARMY DEPOT Facility Id: 39970002 Status: Active	60 MI EA OF SAN FRAN	NW 1/2 - 1 (0.729 mi.)	19	309
<b>JOE WIDMER ELEMENTAR</b> Facility Id: 39010004 Status: No Further Action	<b>STONEBRIDGE LANE/I-5</b>	<b>W 1/2 - 1 (0.930 mi.)</b>	<b>21</b>	<b>362</b>

### **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 is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTERN STONE PRODUC</b> Database: LUST REG 5, Date of Government Version: 07/01/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Status: Case Closed Global Id: T0607700174	<b>1945 LATHROP RD E</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B10</b>	<b>152</b>

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

## EXECUTIVE SUMMARY

within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PG&amp;E MC MULLIN DEHYD</b> Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Completed - Case Closed Global Id: SL186032961	<b>2200 AIRPORT WAY</b>	<b>ESE 0 - 1/8 (0.018 mi.)</b>	<b>A6</b>	<b>147</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER SUPREMA CHEES</b> Database: CPS-SLIC, Date of Government Version: 03/08/2021 Facility Status: Open - Remediation Global Id: SL0607706642	<b>N/A N. OF LATHROP RD</b>	<b>NW 0 - 1/8 (0.074 mi.)</b>	<b>7</b>	<b>147</b>

### **State and tribal registered storage tank lists**

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TRIPLE J TRUCKING</b> Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018 Facility Id: FA0005971 Tank Status: 02 - Inactive, non-billable	<b>14762 S AIRPORT WAY</b>	<b>SE 0 - 1/8 (0.010 mi.)</b>	<b>A2</b>	<b>144</b>
<b>C DEGROOT &amp; SONS*</b> Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018 Facility Id: FA0005036 Tank Status: 02 - Inactive, non-billable	<b>14318 S AIRPORT WAY</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>C15</b>	<b>191</b>

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CARL AUFDERMAUR</b> Database: AST, Date of Government Version: 07/06/2016	<b>14755 S AIRPORT</b>	<b>SE 0 - 1/8 (0.010 mi.)</b>	<b>A5</b>	<b>146</b>
<b>CALAVERAS MATERIALS,</b> Database: AST, Date of Government Version: 07/06/2016	<b>1945 E LATHROP RD</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B11</b>	<b>154</b>

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***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 is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SHARPE DEFENSE DEPOT</b>	<b>724 ACRES 60 MI EA O</b>	<b>NW 1/2 - 1 (0.892 mi.)</b>	<b>20</b>	<b>347</b>

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 04/19/2021 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CMI LATHROP RMC PLAN</b>	<b>1945 LATHROP ROAD</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B12</b>	<b>160</b>

#### ***Local Lists of Registered Storage Tanks***

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

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TRIPLE J TRUCKING</b> Comp Number: 4234	<b>14762 S AIRPORT WAY</b>	<b>SE 0 - 1/8 (0.010 mi.)</b>	<b>A4</b>	<b>145</b>
<b>C. DEGROOT &amp; SONS</b> Comp Number: 4145	<b>14318 S AIRPORT WAY</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>C14</b>	<b>190</b>

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 3 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TRIPLE J TRUCKING</b>	<b>14762 S AIRPORT WAY</b>	<b>SE 0 - 1/8 (0.010 mi.)</b>	<b>A3</b>	<b>144</b>



## EXECUTIVE SUMMARY

Facility Id: 00000060495				
C. DE GROOT & SONS	14318 S AIRPORT WAY	NNE 1/8 - 1/4 (0.230 mi.)	C13	189
Facility Id: 00000057028				
<b>C. DEGROOT &amp; SONS</b>	<b>14318 S AIRPORT WAY</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>C14</b>	<b>190</b>

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 04/19/2021 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CMJ LATHROP RMC PLAN</b>	<b>1945 LATHROP ROAD</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B12</b>	<b>160</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TRIPLE J TRUCKING</b> Facility Id: 39003988 Status: I	<b>14762 S AIRPORT WAY</b>	<b>SE 0 - 1/8 (0.010 mi.)</b>	<b>A4</b>	<b>145</b>
<b>C. DEGROOT &amp; SONS</b> Facility Id: 39001360 Status: I	<b>14318 S AIRPORT WAY</b>	<b>NNE 1/8 - 1/4 (0.230 mi.)</b>	<b>C14</b>	<b>190</b>

### **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 03/22/2021 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALAVERAS MATERIALS EPA ID:: CAL000014763	1945 E LATHROP RD	SW 1/8 - 1/4 (0.184 mi.)	B9	149
<b>CHIRON CORP</b> EPA ID:: CAD982043010	<b>14395 S AIRPORT WY</b>	<b>NNE 1/8 - 1/4 (0.236 mi.)</b>	<b>C16</b>	<b>192</b>

## EXECUTIVE SUMMARY

DOD: 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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHARPE GENERAL DEPOT		0 - 1/8 (0.000 mi.)	0	10

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 04/27/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b> EPA ID:: CA8210020832	<b>700 E ROTH RD</b>	<b>W 1/4 - 1/2 (0.254 mi.)</b>	<b>0</b>	<b>11</b>

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTERN STONE PRODUC</b> Cleanup Status: COMPLETED - CASE CLOSED	<b>1945 LATHROP RD E</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B10</b>	<b>152</b>

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 [CAL SITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTERN STONE PRODUC</b> Reg Id: 390245	<b>1945 LATHROP RD E</b>	<b>SW 1/8 - 1/4 (0.223 mi.)</b>	<b>B10</b>	<b>152</b>

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/16/2021 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DEFENSE DISTRIBUTION</b>	<b>ROTH ROAD BLDG S-4</b>	<b>WNW 1/2 - 1 (0.716 mi.)</b>	<b>18</b>	<b>197</b>

## EXECUTIVE SUMMARY

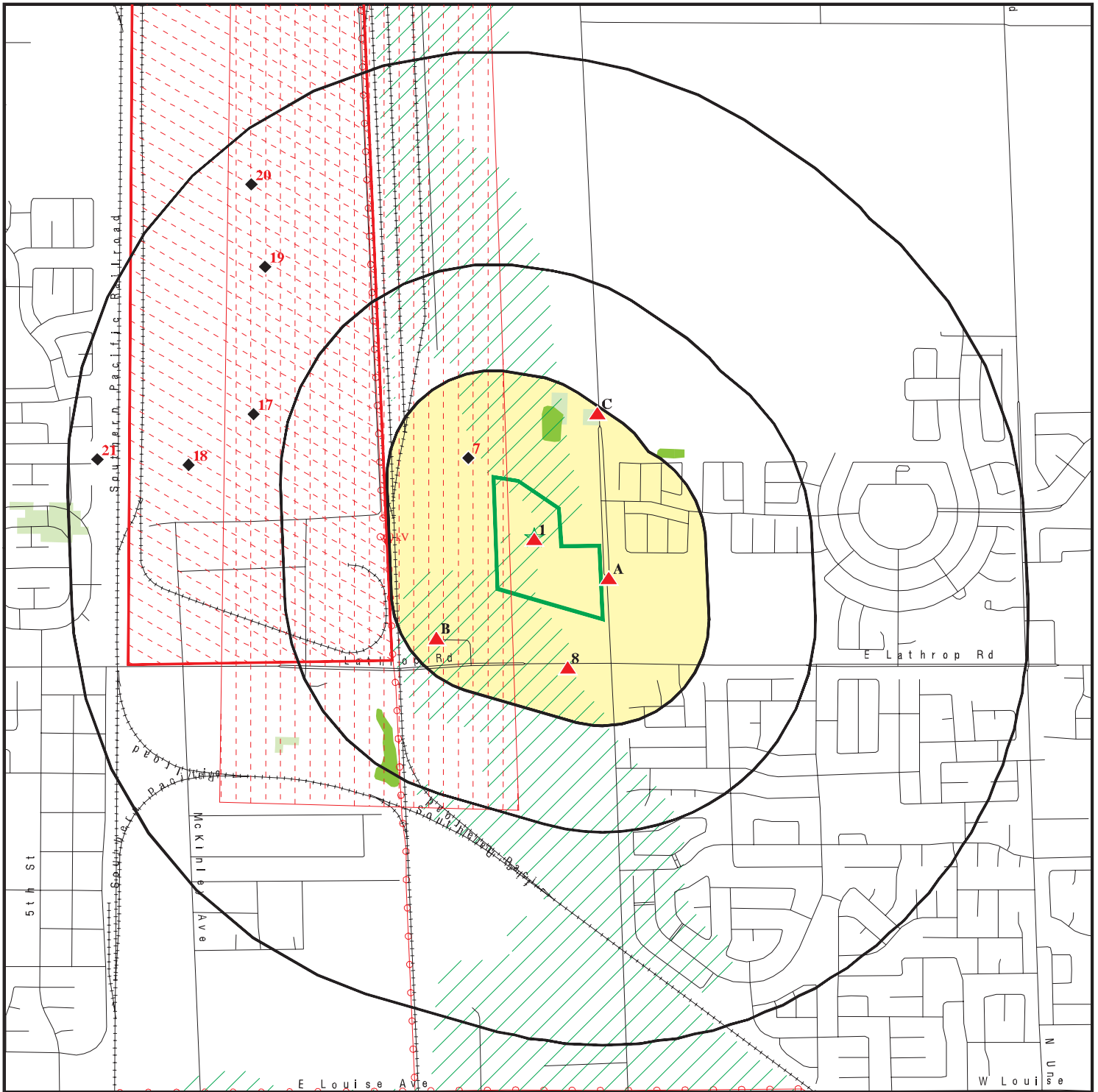
EPA ID: CA8210020832  
Cleanup Status: UNDERGOING CLOSURE

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

<u>Site Name</u>	<u>Database(s)</u>
TESLA INC	CERS HAZ WASTE
SO AIRPORT WAY	CIWQS
AIRPORT WAY NE 120 BYPASS	CIWQS
AIRPORT WAY & DANIELS ST PHASE I I	CIWQS
	CDL
	CDL
DEFENSE DISTRIBUTION REGION WEST	SWF/LF
CHANNEL CONSTRUCTION ALONG SHULTE	CPS-SLIC

# OVERVIEW MAP - 6593230.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

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: 2205 N Airport Way  
 ADDRESS: 2205 N Airport Way  
 Lathrop CA 95330  
 LAT/LONG: 37.830741 / 121.257049

CLIENT: Langan  
 CONTACT: Sarah Torkelson  
 INQUIRY #: 6593230.2s  
 DATE: July 26, 2021 5:42 pm

# DETAIL MAP - 6593230.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  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.

<p>SITE NAME: 2205 N Airport Way                  ADDRESS: 2205 N Airport Way                  Lathrop CA 95330                  LAT/LONG: 37.830741 / 121.257049</p>	<p>CLIENT: Langan                  CONTACT: Sarah Torkelson                  INQUIRY #: 6593230.2s                  DATE: July 26, 2021 5:43 pm</p>
---	---

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	1	NR	NR	1
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	1	0	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	1	NR	NR	1
US INST CONTROLS	0.500		0	0	1	NR	NR	1
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	1	0	3	NR	4
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	1	0	NR	NR	1

## 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		2	0	0	NR	NR	2
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	1	NR	NR	NR	2
AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
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
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	1	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		1	2	NR	NR	NR	3
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		1	1	NR	NR	NR	2
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
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
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		1	0	0	0	NR	1
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	1	0	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
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	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	1	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		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		0	1	0	NR	NR	1
HWP	1.000		0	0	0	1	NR	1
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	1	0	NR	NR	NR	NR	1
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	1	0	NR	NR	NR	NR	1
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
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		2	8	14	7	5	0	36
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**1** **CENTERPOINT CONTAINER YARD 2**  
**Target** **2205 N AIRPORT WAY**  
**Property** **MANTECA, CA 95336**

**NPDES** **S126354482**  
**CIWQS** **N/A**

**Actual:**  
**23 ft.**

NPDES:  
Name: CENTERPOINT CONTAINER YARD 2  
Address: 2205 N AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
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: 5S39C391194  
Regulatory Measure Type: Construction  
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  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 08/24/2020  
Operator Name: CenterPoint Properties  
Operator Address: 1808 Swift Drive  
Operator City: Oakbrook  
Operator State: Illinois  
Operator Zip: 60523

Name: CENTERPOINT CONTAINER YARD 2  
Address: 2205 N AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
Facility Status: Active  
NPDES Number: CAS000002  
Region: 5S  
Agency Number: 0  
Regulatory Measure ID: 522068  
Place ID: Not reported  
Order Number: 2009-0009-DWQ  
WDID: 5S39C391194  
Regulatory Measure Type: Enrollee  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 08/24/2020  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 1808 Swift Drive  
Discharge Name: CenterPoint Properties  
Discharge City: Oakbrook  
Discharge State: Illinois  
Discharge Zip: 60523  
Status: Not reported  
Status Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CENTERPOINT CONTAINER YARD 2 (Continued)**

**S126354482**

Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

**CIWQS:**

Name: CENTERPOINT CONTAINER YARD 2  
Address: 2205 N AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
Agency: CenterPoint Properties  
Agency Address: 1808 Swift Drive, Oakbrook, IL 60523  
Place/Project Type: Construction - Industrial  
SIC/NAICS: Not reported  
Region: 5S  
Program: CONSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water construction  
Order Number: 2009-0009-DWQ  
WDID: 5S39C391194  
NPDES Number: CAS000002  
Adoption Date: 01/01/1900  
Effective Date: 08/24/2020  
Termination Date: 01/01/1900  
Expiration/Review Date: 01/01/1900  
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: 37.82977  
Longitude: -121.25585

**DOD  
Region**

**SHARPE GENERAL DEPOT (FIELD ANNEX)**

**DOD CUSA136061  
N/A**

**< 1/8  
1 ft.**

**SHARPE GENERAL DEPOT (FIE (County), CA**

**DOD:**

Feature 1: Army DOD  
Feature 2: Not reported  
Feature 3: Not reported  
URL: Not reported  
Name 1: Sharpe General Depot (Field Annex)  
Name 2: Not reported  
Name 3: Not reported  
State: CA  
DOD Site: Yes  
Tile name: CASAN\_JOAQUIN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NPL**  
**Region**  
**West**  
**1/4-1/2**  
**1343 ft.**

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE**  
**700 E ROTH RD**  
**FRENCH CAMP, CA 95231**

**NPL** 1000368504  
**SEMS** CA8210020832  
**CORRACTS**  
**RCRA-TSDF**  
**US ENG CONTROLS**  
**US INST CONTROLS**  
**HIST UST**  
**RCRA NonGen / NLR**  
**ROD**

NPL:  
EPA Region: 9  
EPA ID: CA8210020832  
Site ID: 902792  
Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
Federal: Y  
Final Date: 1987-07-22 00:00:00  
Latitude: 37.829169  
Longitude: -121.2672  
Site Score: 42.240000000000002

NPL:  
NPL Status: Currently on the Final NPL  
Substance ID: Not reported  
CAS Number: Not reported  
Substance: Not reported  
Pathway: Not reported  
Scoring: Not reported

NPL Status: Currently on the Final NPL  
Substance ID: U052  
CAS Number: 1319-77-3  
Substance: CRESOLS  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U079  
CAS Number: 156-60-5  
Substance: TRANS-DICHLOROETHYLENE, 1,2-  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

NPL Status: Currently on the Final NPL  
Substance ID: U211  
CAS Number: 56-23-5  
Substance: CARBON TETRACHLORIDE  
Pathway: GROUND WATER PATHWAY  
Scoring: 4

NPL Status: Currently on the Final NPL  
Substance ID: U211  
CAS Number: 56-23-5  
Substance: CARBON TETRACHLORIDE  
Pathway: SURFACE WATER PATHWAY  
Scoring: 3

NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Substance ID: U228  
CAS Number: 79-01-6  
Substance: TRICHLOROETHYLENE (TCE)  
Pathway: GROUND WATER PATHWAY  
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): The Sharpe Army Depot covers 724 acres in a primarily rural area of San Joaquin County in north-central California, approximately 60 miles east of San Francisco, 2 miles east of the San Joaquin River, and 1.5 miles northeast of Lathrop. The site is a former U.S. Army maintenance facility. Wastes produced on-site were disposed of in multiple locations, including the South Balloon Area, the Burning Pits Area, and the North Balloon Area. These areas cover about 0.5 square mile. The wastes disposed of at the depot include sludge containing phenols and polychlorinated hydrocarbons trans-dichloroethylene, trichloroethylene, carbon tetrachloride), and used paints and solvents. The total amounts and types are unknown. The wastes have contaminated both soil and ground water, but not surface water to date. All maintenance activities have ceased, and the waste areas are no longer used. The site is located in the large plain on the valley floor, which carries several aquifers, at least one artesian. Most of the surrounding land is used for agriculture, primarily for raising row crops. The depot is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Army has completed Phase I records search) of the IRP. Status July 22, 1987): Sharpe Army Depot is sampling on-base and off-base ground water under IRP Phase II-Stage 2 confirmatory sampling). The Army has installed a facility for treating contaminated ground water in the South Balloon Area. Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 48 FR 40662).  
Not reported

NPL:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-> 50 And <= 100 Feet  
Category Value: 80

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

NPL:

NPL Name: SHARPE ARMY DEPOT

NPL:

EPA Region: 09  
Site ID: 0902792  
Site Status: F  
Federal Site: Y  
Date Deleted: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Date Finalized: 07/22/87  
Date Proposed: 10/15/84

NPL:  
Proposed Date: 10/15/1984  
Final Date: 07/22/1987  
Deleted Date: Not reported  
NPL Status: Final

SEMS:  
Site ID: 0902792  
EPA ID: CA8210020832  
Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
Cong District: 09,11  
FIPS Code: 06077  
Latitude: 37.829169  
Longitude: -121.267200  
FF: Y  
NPL: Currently on the Final NPL  
Non NPL Status: Not reported

SEMS Detail:  
Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: CM  
Action Name: PCOR  
SEQ: 2  
Start Date: 2003-06-27 04:00:00  
Finish Date: 6/27/2003 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: NF  
Action Name: NPL FINL  
SEQ: 1  
Start Date: 1987-07-22 04:00:00  
Finish Date: 7/22/1987 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: RV  
Action Name: RMVL  
SEQ: 1  
Start Date: 2014-09-30 05:00:00  
Finish Date: 9/30/2014 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: MA  
Action Name: ST COOP  
SEQ: 1  
Start Date: 1989-04-30 04:00:00  
Finish Date: 6/30/1994 4:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: NP  
Action Name: PROPOSED  
SEQ: 1  
Start Date: 1984-10-15 05:00:00  
Finish Date: 10/15/1984 5:00:00 AM  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: HR  
Action Name: HAZRANK  
SEQ: 1  
Start Date: 1984-04-01 06:00:00  
Finish Date: 4/1/1984 6:00:00 AM  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)

1000368504

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902792
EPA ID:	CA8210020832
Site Name:	SHARPE ARMY DEPOT
NPL:	F
FF:	Y
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-10-24 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902792
EPA ID:	CA8210020832
Site Name:	SHARPE ARMY DEPOT
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	L
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902792
EPA ID:	CA8210020832
Site Name:	SHARPE ARMY DEPOT
NPL:	F
FF:	Y
OU:	02
Action Code:	LY
Action Name:	FF RA
SEQ:	3
Start Date:	1998-10-31 05:00:00
Finish Date:	4/10/2001 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902792
EPA ID:	CA8210020832
Site Name:	SHARPE ARMY DEPOT
NPL:	F
FF:	Y
OU:	02
Action Code:	LY
Action Name:	FF RA
SEQ:	4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Start Date: 1998-10-31 05:00:00  
Finish Date: 7/2/2002 4:00:00 AM  
Qual: FR  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02  
Action Code: LV  
Action Name: FF RV  
SEQ: 1  
Start Date: 1994-12-08 05:00:00  
Finish Date: 6/13/1995 4:00:00 AM  
Qual: C  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 01  
Action Code: LX  
Action Name: FF RD  
SEQ: 1  
Start Date: 1993-01-25 05:00:00  
Finish Date: 10/27/1993 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 01  
Action Code: RO  
Action Name: ROD  
SEQ: 1  
Start Date: 1993-01-25 05:00:00  
Finish Date: 1/25/1993 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Action Code: LY  
Action Name: FF RA  
SEQ: 2  
Start Date: 1998-07-01 04:00:00  
Finish Date: 9/10/1999 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 01  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 1  
Start Date: 1989-03-16 05:00:00  
Finish Date: 1/25/1993 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02  
Action Code: RO  
Action Name: ROD  
SEQ: 2  
Start Date: 1996-03-05 05:00:00  
Finish Date: 3/5/1996 5:00:00 AM  
Qual: R  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: EE  
Action Name: EE/CA  
SEQ: 1  
Start Date: 2014-09-22 05:00:00  
Finish Date: 9/30/2014 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)

1000368504

NPL: F  
FF: Y  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1980-11-01 05:00:00  
Finish Date: 11/1/1980 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1984-04-01 06:00:00  
Finish Date: 4/1/1984 6:00:00 AM  
Qual: L  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 2  
Start Date: 1989-03-16 05:00:00  
Finish Date: 3/5/1996 5:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02  
Action Code: LX  
Action Name: FF RD  
SEQ: 2  
Start Date: 1996-03-05 05:00:00  
Finish Date: 9/4/1998 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 01  
Action Code: LY  
Action Name: FF RA  
SEQ: 1  
Start Date: 1995-05-30 04:00:00  
Finish Date: 7/2/2001 4:00:00 AM  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902792  
EPA ID: CA8210020832  
Site Name: SHARPE ARMY DEPOT  
NPL: F  
FF: Y  
OU: 02  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 3  
Start Date: 2018-07-20 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

**CORRACTS:**

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL and/OR TRT  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-MORE INFORMATION NEEDED  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE  
Actual Date: 00:00.0  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Address: 700 E ROTH RD  
Address 2: Not reported  
EPA ID: CA8210020832  
Area Name: ENTIRE FACILITY  
Corrective Action: REMEDY DECISION  
Actual Date: 00:00.0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-04-28 00:00:00.0
Handler Name:	DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE
Handler Address:	700 E ROTH RD
Handler City,State,Zip:	FRENCH CAMP, CA 95231
EPA ID:	CA8210020832
Contact Name:	LAURIE TARKINGTON
Contact Address:	PO BOX 960001
Contact City,State,Zip:	STOCKTON, CA 95296
Contact Telephone:	209-839-4862
Contact Fax:	Not reported
Contact Email:	LAURIE.TARKINGTON@DLA.MIL
Contact Title:	ENV PROTECTION SPEC
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 960001
Mailing City,State,Zip:	STOCKTON, CA 95296-0001
Owner Name:	UNITED STATES OF AMERICA
Owner Type:	Federal
Operator Name:	DEFENSE LOGISTIC AGENCY
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Storage, Treatment
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-05-18 18:55:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2013

Click Here for Biennial Reporting System Data:  
Year: 2011

Click Here for Biennial Reporting System Data:  
Year: 2009

Click Here for Biennial Reporting System Data:  
Year: 2007

Click Here for Biennial Reporting System Data:  
Year: 2005

Click Here for Biennial Reporting System Data:  
Year: 2003

Click Here for Biennial Reporting System Data:  
Year: 2001

Click Here for Biennial Reporting System Data:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005  
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U151  
Waste Description: MERCURY

Waste Code: U154  
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159  
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U210  
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 1947-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 960001  
Owner/Operator City,State,Zip: STOCKTON, CA 95296-0710  
Owner/Operator Telephone: 209-839-4067  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 2002-05-31 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: UNITED STATES DEPT. OF DEFENSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 960001, BLDG 100 RM 2
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES OF AMERICA
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296
Owner/Operator Telephone:	209-839-4067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNITED STATES ARMY
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ROTH ROAD
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 95331
Owner/Operator Telephone:	209-982-2097
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT OF DEFENSE
Legal Status:	Federal
Date Became Current:	2002-05-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	95286
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 960001, BLDG 16 MEZZ
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-982-2099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPARTMENT OF
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 960001, BLDG 16
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-839-4129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES OF AMERICA
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296
Owner/Operator Telephone:	209-839-4067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES OF AMERICA
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-839-4067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-25 00:00:00.0
Handler Name:	DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-08-22 00:00:00.0

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Handler Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2014-03-01 00:00:00.0  
Handler Name: DISTRIBUTION DEPOT SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-01 00:00:00.0  
Handler Name: USARMY DEF DIST REGION W SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-07 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1997-01-08 00:00:00.0  
Handler Name: USARMY DEF DIST REGION W SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No



Map ID  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2015-04-28 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-05 00:00:00.0  
Handler Name: SHARPE ARMY DEPOT\_ATTN: SDSSH-EM  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-26 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION REGION WEST, SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1994-04-13 00:00:00.0  
Handler Name: USARMY DEFENSE DIST REGION WEST SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported

Map ID  
Direction  
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MAP FINDINGS

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EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Electronic Manifest Broker: Not reported

Receive Date: 1996-03-15 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION REGION WEST SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-13 00:00:00.0  
Handler Name: DEFENSE DIST DEPOT SAN JOAQUIN -SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-04 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Large Quantity Generator

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-07 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2008-02-07 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 49311  
NAICS Description: GENERAL WAREHOUSING AND STORAGE

NAICS Code: 49319  
NAICS Description: OTHER WAREHOUSING AND STORAGE

NAICS Code: 92119  
NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code: 92811  
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 1987-03-31 00:00:00.0  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Return to Compliance Qualifier: Unverifiable

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	2002-07-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Return to Compliance Qualifier:	Documented

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 200  
Date of Enforcement Action: 2002-03-26 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 1987-03-31 00:00:00.0  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: 1988-02-29 00:00:00.0  
Enforcement Identifier: 001  
Date of Enforcement Action: 1987-10-27 00:00:00.0  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1989-09-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed

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Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-03-31 00:00:00.0
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 1991-06-24 00:00:00.0  
Actual Return to Compliance Date: 1992-08-11 00:00:00.0  
Return to Compliance Qualifier: Unverifiable

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2003-02-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	503
Date of Enforcement Action:	2004-05-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 200  
Date of Enforcement Action: 2002-03-26 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 1994-11-01 00:00:00.0  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 1994-12-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: No  
 Agency Which Determined Violation: Not reported  
 Violation Short Description: Not reported  
 Date Violation was Determined: Not reported  
 Actual Return to Compliance Date: Not reported  
 Return to Compliance Qualifier: Not reported  
 Violation Responsible Agency: Not reported  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: Not reported  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - General  
 Date Violation was Determined: 2004-06-03 00:00:00.0  
 Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
 Return to Compliance Qualifier: Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	2004-06-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	2002-07-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1989-09-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-09-22 00:00:00.0
Actual Return to Compliance Date:	1992-10-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-10-09 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1992-09-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-09-22 00:00:00.0
Actual Return to Compliance Date:	1992-10-19 00:00:00.0
Return to Compliance Qualifier:	Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency: State  
Scheduled Compliance Date: 1992-10-19 00:00:00.0  
Enforcement Identifier: 003  
Date of Enforcement Action: 1992-09-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - Container Use and Management  
Date Violation was Determined: 2003-02-04 00:00:00.0  
Actual Return to Compliance Date: 2003-02-11 00:00:00.0  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 200  
Date of Enforcement Action: 2003-02-05 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-04-16 00:00:00.0
Actual Return to Compliance Date:	1990-08-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-08-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-05-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 1989-02-09 00:00:00.0  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Return to Compliance Qualifier: Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency: State  
Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Enforcement Identifier: 005  
Date of Enforcement Action: 1989-09-26 00:00:00.0  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1992-09-22 00:00:00.0  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1992-10-09 00:00:00.0  
Enforcement Identifier: 003  
Date of Enforcement Action: 1992-09-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		Not reported
Paid Amount:		Not reported
Final Count:		Not reported
Final Amount:		Not reported
Found Violation:		Yes
Agency Which Determined Violation:		EPA
Violation Short Description:		LDR - General
Date Violation was Determined:		1989-02-09 00:00:00.0
Actual Return to Compliance Date:		1990-01-08 00:00:00.0
Return to Compliance Qualifier:		Observed
Violation Responsible Agency:		State
Scheduled Compliance Date:		1989-10-26 00:00:00.0
Enforcement Identifier:		Not reported
Date of Enforcement Action:		Not reported
Enforcement Responsible Agency:		Not reported
Enforcement Docket Number:		Not reported
Enforcement Attorney:		Not reported
Corrective Action Component:		Not reported
Appeal Initiated Date:		Not reported
Appeal Resolution Date:		Not reported
Disposition Status Date:		Not reported
Disposition Status:		Not reported
Disposition Status Description:		Not reported
Consent/Final Order Sequence Number:	Not reported	
Consent/Final Order Respondent Name:		Not reported
Consent/Final Order Lead Agency:		Not reported
Enforcement Type:	Not reported	
Enforcement Responsible Person:		Not reported
Enforcement Responsible Sub-Organization:		Not reported
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		Not reported
Paid Amount:		Not reported
Final Count:		Not reported
Final Amount:		Not reported
Found Violation:		Yes
Agency Which Determined Violation:		EPA
Violation Short Description:		LDR - General
Date Violation was Determined:		1987-03-31 00:00:00.0
Actual Return to Compliance Date:		1988-04-27 00:00:00.0
Return to Compliance Qualifier:		Unverifiable

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1994-03-31 00:00:00.0
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Application
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2004-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2003-02-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 1994-12-13 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1994-03-31 00:00:00.0  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 004  
Date of Enforcement Action: 1994-03-31 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		Not reported
Paid Amount:		Not reported
Final Count:		Not reported
Final Amount:		Not reported
Found Violation:		Yes
Agency Which Determined Violation:		EPA
Violation Short Description:		TSD - General
Date Violation was Determined:		1991-06-24 00:00:00.0
Actual Return to Compliance Date:		1992-08-11 00:00:00.0
Return to Compliance Qualifier:		Unverifiable
Violation Responsible Agency:		EPA
Scheduled Compliance Date:		Not reported
Enforcement Identifier:		Not reported
Date of Enforcement Action:		Not reported
Enforcement Responsible Agency:		Not reported
Enforcement Docket Number:		Not reported
Enforcement Attorney:		Not reported
Corrective Action Component:		Not reported
Appeal Initiated Date:		Not reported
Appeal Resolution Date:		Not reported
Disposition Status Date:		Not reported
Disposition Status:		Not reported
Disposition Status Description:		Not reported
Consent/Final Order Sequence Number:	Not reported	
Consent/Final Order Respondent Name:		Not reported
Consent/Final Order Lead Agency:		Not reported
Enforcement Type:	Not reported	
Enforcement Responsible Person:		Not reported
Enforcement Responsible Sub-Organization:		Not reported
SEP Sequence Number:	Not reported	
SEP Expenditure Amount:		Not reported
SEP Scheduled Completion Date:		Not reported
SEP Actual Date:		Not reported
SEP Defaulted Date:		Not reported
SEP Type:		Not reported
SEP Type Description:		Not reported
Proposed Amount:		Not reported
Final Monetary Amount:		Not reported
Paid Amount:		Not reported
Final Count:		Not reported
Final Amount:		Not reported
Found Violation:		Yes
Agency Which Determined Violation:		State
Violation Short Description:		Generators - General
Date Violation was Determined:		1994-11-01 00:00:00.0
Actual Return to Compliance Date:		1995-04-19 00:00:00.0
Return to Compliance Qualifier:		Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Application
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2004-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	503
Date of Enforcement Action:	2004-05-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1991-09-25 00:00:00.0
Return to Compliance Qualifier:	Observed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-11-06 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	1991-08-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1994-03-31 00:00:00.0  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 004  
Date of Enforcement Action: 1994-03-31 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:  
Evaluation Date: 1987-03-31 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2002-03-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2002-07-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-31 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Scheduled Compliance Date: 1988-02-29 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-06-24 00:00:00.0
Evaluation Responsible Agency:	EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-04-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-02-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-02-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-04-19 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Date: 2004-06-03 00:00:00.0  
Evaluation Responsible Agency: State Contractor/Grantee  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2004-06-24 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1998-01-21 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2002-07-17 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-11-01 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-02-09 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-08-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Scheduled Compliance Date: 1992-10-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-08-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Scheduled Compliance Date: 1992-10-19 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2003-02-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-04-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-08-02 00:00:00.0  
Scheduled Compliance Date: 1990-08-29 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-04-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-04-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-11 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Scheduled Compliance Date: 1992-10-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-02-09 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-31 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2004-05-26 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-06-24 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-08-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2004-05-26 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1991-09-25 00:00:00.0  
Scheduled Compliance Date: 1991-11-06 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2017-05-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2004-06-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2005-03-24 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-06-24 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-08-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Site:

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
Event Code: Not reported  
Action Taken Date: 09/30/2014  
EPA ID: CA8210020832  
Action Name: Explanation of Significant Differences  
Action ID: 1  
Operable Unit: 01  
Contaminated Media: Groundwater  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Media:

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Explanation of Significant Differences  
Action Taken Date: 09/30/2014  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Explanation of Significant Differences  
Action Taken Date: 09/30/2014  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Explanation of Significant Differences  
Action Taken Date: 09/30/2014  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Explanation of Significant Differences  
Action Taken Date: 09/30/2014  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Explanation of Significant Differences  
Action Taken Date: 09/30/2014  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 1  
Operable Unit: 02  
Action Name: ROD Amendment  
Action Taken Date: 09/27/2011



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 1  
Operable Unit: 02  
Action Name: ROD Amendment  
Action Taken Date: 09/27/2011  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil Gas  
Action ID: 1  
Operable Unit: 02  
Action Name: ROD Amendment  
Action Taken Date: 09/27/2011  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil Gas  
Action ID: 1  
Operable Unit: 02  
Action Name: ROD Amendment  
Action Taken Date: 09/27/2011  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 01/25/1993  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1993  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Other  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

EPA ID: CA8210020832  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 02  
Action Name: Record of Decision  
Action Taken Date: 03/05/1996  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

**US INST CONTROLS:**

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: Explanation of Significant Differences  
Action ID: 1  
Operable Unit: 01  
Actual Date: 09/30/2014  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200  
  
Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: Explanation of Significant Differences  
Action ID: 1  
Operable Unit: 01  
Actual Date: 09/30/2014  
Contaminated Media: Soil Gas  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2014  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: ROD Amendment  
Action ID: 1  
Operable Unit: 02  
Actual Date: 09/27/2011  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: ROD Amendment  
Action ID: 1  
Operable Unit: 02  
Actual Date: 09/27/2011  
Contaminated Media: Soil Gas  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2011  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 02  
Actual Date: 03/05/1996  
Contaminated Media: Other  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 02  
Actual Date: 03/05/1996  
Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1996  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: 37.829169  
Longitude: -121.267200

HIST UST:  
Name: SHARPE ARMY DEPOT  
Address: ROTH ROAD  
City,State,Zip: LATHROP, CA 95331  
File Number: 0002B345

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B345.pdf>  
Region: STATE  
Facility ID: 00000037709  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: 2099822641  
Owner Name: SHARPE ARMY DEPOT  
Owner Address: ROTH ROAD  
Owner City,St,Zip: LATHROP, CA 95331  
Total Tanks: 0017

Tank Num: 001  
Container Num: CT-1  
Year Installed: 1969  
Tank Capacity: 00000550  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 1/4  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 657-2  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 657-1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 649-4  
Year Installed: 1953  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 649-3  
Year Installed: 1953  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Tank Num: 006  
Container Num: 649-2  
Year Installed: 1953  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 007  
Container Num: 649-1  
Year Installed: 1953  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 008  
Container Num: 377  
Year Installed: 1969  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 009  
Container Num: 376  
Year Installed: 1969  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 010  
Container Num: 375  
Year Installed: 1969  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 011  
Container Num: 374  
Year Installed: 1969  
Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 012  
Container Num: 373  
Year Installed: 1969

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 013  
Container Num: 372  
Year Installed: 1969  
Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 014  
Container Num: 371  
Year Installed: 1969  
Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 7/16  
Leak Detection: Stock Inventor

Tank Num: 015  
Container Num: 349  
Year Installed: 1950  
Tank Capacity: 00010000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 016  
Container Num: 348  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 017  
Container Num: 199  
Year Installed: Not reported  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

RCRA NonGen / NLR:

Date Form Received by Agency:  
Handler Name:  
Handler Address:

2015-04-28 00:00:00.0  
DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE  
700 E ROTH RD

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Handler City,State,Zip:	FRENCH CAMP, CA 95231
EPA ID:	CA8210020832
Contact Name:	LAURIE TARKINGTON
Contact Address:	PO BOX 960001
Contact City,State,Zip:	STOCKTON, CA 95296
Contact Telephone:	209-839-4862
Contact Fax:	Not reported
Contact Email:	LAURIE.TARKINGTON@DLA.MIL
Contact Title:	ENV PROTECTION SPEC
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 960001
Mailing City,State,Zip:	STOCKTON, CA 95296-0001
Owner Name:	UNITED STATES OF AMERICA
Owner Type:	Federal
Operator Name:	DEFENSE LOGISTIC AGENCY
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Storage, Treatment
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-05-18 18:55:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Year: 2011

[Click Here for Biennial Reporting System Data:](#)

Year: 2009

[Click Here for Biennial Reporting System Data:](#)

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U151  
Waste Description: MERCURY

Waste Code: U154  
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U159  
Waste Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Waste Code: U210  
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 1947-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 960001  
Owner/Operator City,State,Zip: STOCKTON, CA 95296-0710  
Owner/Operator Telephone: 209-839-4067  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 2002-05-31 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: UNITED STATES DEPT. OF DEFENSE  
Legal Status: Federal  
Date Became Current: 1942-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: P.O. BOX 960001, BLDG 100 RM 2  
Owner/Operator City,State,Zip: STOCKTON, CA 95296-0710  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 1942-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: UNITED STATES OF AMERICA  
Legal Status: Federal  
Date Became Current: 1947-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: PO BOX 960001  
Owner/Operator City,State,Zip: STOCKTON, CA 95296  
Owner/Operator Telephone: 209-839-4067  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: UNITED STATES ARMY  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: ROTH ROAD  
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 95331  
Owner/Operator Telephone: 209-982-2097  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: UNITED STATES DEPT OF DEFENSE  
Legal Status: Federal  
Date Became Current: 2002-05-31 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: DEFENSE LOGISTICS AGENCY  
Legal Status: Federal  
Date Became Current: 1947-10-01 00:00:00.  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: 95286  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 960001, BLDG 16 MEZZ
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-982-2099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPT. OF DEFENSE
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES DEPARTMENT OF
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P. O. BOX 960001, BLDG 16
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-839-4129
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES OF AMERICA
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296
Owner/Operator Telephone:	209-839-4067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1942-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTIC AGENCY
Legal Status:	Federal

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEFENSE LOGISTICS AGENCY
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES OF AMERICA
Legal Status:	Federal
Date Became Current:	1947-10-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 960001
Owner/Operator City,State,Zip:	STOCKTON, CA 95296-0710
Owner/Operator Telephone:	209-839-4067
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2010-02-25 00:00:00.0
Handler Name:	DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2012-08-22 00:00:00.0
Handler Name:	DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported  
  
Receive Date: 2014-03-01 00:00:00.0  
Handler Name: DISTRIBUTION DEPOT SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1996-09-01 00:00:00.0  
Handler Name: USARMY DEF DIST REGION W SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2006-02-07 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1997-01-08 00:00:00.0  
Handler Name: USARMY DEF DIST REGION W SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2015-04-28 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-05 00:00:00.0  
Handler Name: SHARPE ARMY DEPOT\_ATTN: SDSSH-EM  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-26 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION REGION WEST, SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1994-04-13 00:00:00.0  
Handler Name: USARMY DEFENSE DIST REGION WEST SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-15 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION REGION WEST SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0  
Handler Name: DEFENSE DISTRIBUTION SAN JOAQUIN SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2002-03-13 00:00:00.0  
Handler Name: DEFENSE DIST DEPOT SAN JOAQUIN -SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-04 00:00:00.0  
Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Receive Date: 2006-02-07 00:00:00.0  
 Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
 Federal Waste Generator Description: Large Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: Yes  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No  
 Spent Lead Acid Battery Importer: No  
 Spent Lead Acid Battery Exporter: No  
 Current Record: No  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

Receive Date: 2008-02-07 00:00:00.0  
 Handler Name: DEFENSE DIST. DEPOT SAN JOAQUIN - SHARPE  
 Federal Waste Generator Description: Large Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: Yes  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No  
 Spent Lead Acid Battery Importer: No  
 Spent Lead Acid Battery Exporter: No  
 Current Record: No  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 49311  
 NAICS Description: GENERAL WAREHOUSING AND STORAGE

NAICS Code: 49319  
 NAICS Description: OTHER WAREHOUSING AND STORAGE

NAICS Code: 92119  
 NAICS Description: OTHER GENERAL GOVERNMENT SUPPORT

NAICS Code: 92811  
 NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation: Yes  
 Agency Which Determined Violation: EPA  
 Violation Short Description: LDR - General  
 Date Violation was Determined: 1987-03-31 00:00:00.0  
 Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
 Return to Compliance Qualifier: Unverifiable  
 Violation Responsible Agency: EPA  
 Scheduled Compliance Date: Not reported  
 Enforcement Identifier: Not reported  
 Date of Enforcement Action: Not reported  
 Enforcement Responsible Agency: Not reported  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: Not reported  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	2002-07-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2002-03-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported



Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1988-04-27 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1988-02-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1987-10-27 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1989-09-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-03-31 00:00:00.0
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2003-02-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	503
Date of Enforcement Action:	2004-05-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2002-03-26 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2004-06-03 00:00:00.0
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	2004-06-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-03-26 00:00:00.0
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	2002-07-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1989-09-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-09-22 00:00:00.0
Actual Return to Compliance Date:	1992-10-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-10-09 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1992-09-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-09-22 00:00:00.0
Actual Return to Compliance Date:	1992-10-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-10-19 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1992-09-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2003-02-11 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2003-02-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-04-16 00:00:00.0
Actual Return to Compliance Date:	1990-08-02 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-08-29 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1990-05-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-04-27 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1989-09-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1992-09-22 00:00:00.0  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: 1992-10-09 00:00:00.0  
Enforcement Identifier: 003  
Date of Enforcement Action: 1992-09-22 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-02-09 00:00:00.0
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1988-04-27 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1994-03-31 00:00:00.0
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Application
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2004-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2003-02-05 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1994-03-31 00:00:00.0
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	004
Date of Enforcement Action:	1994-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Permits - Application
Date Violation was Determined:	2003-02-04 00:00:00.0
Actual Return to Compliance Date:	2004-05-26 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	503
Date of Enforcement Action:	2004-05-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1994-11-01 00:00:00.0
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	1994-12-13 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1991-09-25 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-11-06 00:00:00.0
Enforcement Identifier:	002
Date of Enforcement Action:	1991-08-01 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1991-06-24 00:00:00.0
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Final Count: Not reported  
Final Amount: Not reported  
  
Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: TSD - General  
Date Violation was Determined: 1994-03-31 00:00:00.0  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 004  
Date of Enforcement Action: 1994-03-31 00:00:00.0  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 1987-03-31 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported  
  
Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2002-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-04-27 00:00:00.0
Scheduled Compliance Date:	1988-02-29 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1989-02-09 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1995-11-14 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-06-24 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-08-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported



Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Date: 1988-04-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2003-02-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2002-03-26 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2002-03-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2000-03-29 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-11-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-03 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-06-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-01-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-03-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2002-07-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-11-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-11 00:00:00.0
Evaluation Responsible Agency:	State

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Scheduled Compliance Date: 1992-10-09 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1992-08-11 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-10-19 00:00:00.0  
Scheduled Compliance Date: 1992-10-19 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2003-02-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1990-04-16 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-08-02 00:00:00.0  
Scheduled Compliance Date: 1990-08-29 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1988-04-27 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-04-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-03-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-02-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-01-08 00:00:00.0
Scheduled Compliance Date:	1989-10-26 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-10-19 00:00:00.0
Scheduled Compliance Date:	1992-10-09 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Date: 1989-02-09 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1990-01-08 00:00:00.0  
Scheduled Compliance Date: 1989-10-26 00:00:00.0  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1987-03-31 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1988-04-27 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2004-05-26 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1994-08-23 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1991-06-24 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1992-08-11 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 1994-02-15 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 1995-04-19 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 2003-02-04 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 2004-05-26 00:00:00.0  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1995-04-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-09-25 00:00:00.0
Scheduled Compliance Date:	1991-11-06 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-05-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-03-24 00:00:00.0
Evaluation Responsible Agency:	State



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-06-24 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-08-11 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-02-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-08-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)**

**1000368504**

ROD:

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
RG: 9  
Site ID: 902792  
Action: FF ESD  
Operable Unit Number: OVERALL SITE (OU-1)  
SEQ ID: 1  
Action Completion: 2014-09-30 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
RG: 9  
Site ID: 902792  
Action: FF ESD  
Operable Unit Number: SOIL (OU-2)  
SEQ ID: 2  
Action Completion: 2019-06-24 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
RG: 9  
Site ID: 902792  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OVERALL SITE (OU-1)  
SEQ ID: 1  
Action Completion: 1993-01-25 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832  
RG: 9  
Site ID: 902792  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: SOIL (OU-2)  
SEQ ID: 2  
Action Completion: 1996-03-05 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: SHARPE ARMY DEPOT  
Address: 700 EAST ROTH RD  
City,State,Zip: LATHROP, CA 95330  
EPA ID: CA8210020832

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN SHARPE SITE (Continued)

1000368504

RG: 9  
Site ID: 902792  
Action: FF ROD Amendment  
Operable Unit Number: SOIL (OU-2)  
SEQ ID: 1  
Action Completion: 2011-09-27 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

A2  
SE  
< 1/8  
0.010 mi.  
54 ft.

TRIPLE J TRUCKING  
14762 S AIRPORT WAY  
MANTECA, CA 95336  
Site 1 of 5 in cluster A

UST U004025096  
N/A

Relative:  
Higher  
Actual:  
27 ft.

UST SAN JOAQUIN:  
Name: TRIPLE J TRUCKING  
Address: 14762 S AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
Region: SJ  
Facility Id: FA0005971  
Mail Address: 14762 S AIRPORT WAY  
Mail Address 2: Not reported  
Mail Care of: JENNINGS BEAIRE WILSON III  
Mail City,St,Zip: MANTECA, CA 95336  
  
Tank Rec ID: TA0503768  
Tank Number: 1  
Tank Status: 02 - Inactive, non-billable  
Tank Capacity: 8000  
Product Type Desc: 1a - REGULAR UNLEADED  
Program Element: 2323  
Decode for Program Element: 2323 - ADDITIONAL FARM TANK #1 - obsolete  
Chemical Form: (none)  
CAS#: Not reported  
CERS ID: Not reported  
Cross Ref Tank ID: Not reported  
LEA ID: 9  
Common Name: Not reported  
Date Installed: Not reported  
Date of Closure: Not reported  
Latitude: Not reported  
Longitude: Not reported

A3  
SE  
< 1/8  
0.010 mi.  
54 ft.

TRIPLE J TRUCKING  
14762 S AIRPORT WAY  
MANTECA, CA 95336  
Site 2 of 5 in cluster A

HIST UST U001606308  
N/A

Relative:  
Higher  
Actual:  
27 ft.

HIST UST:  
Name: TRIPLE J TRUCKING  
Address: 14762 S AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
File Number: 0002FD98  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002FD98.pdf>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TRIPLE J TRUCKING (Continued)**

**U001606308**

Region: STATE  
Facility ID: 0000060495  
Facility Type: Other  
Other Type: TRUCKING  
Contact Name: JENNINGS B. WILSON III  
Telephone: 2098582233  
Owner Name: JENNINGS BEAIRE WILSON III DBA  
Owner Address: 14762 S. AIRPORT WAY  
Owner City,St,Zip: MANTECA, CA 95336  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 76  
Year Installed: 1980  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**A4**  
**SE**  
**< 1/8**  
**0.010 mi.**  
**54 ft.**

**TRIPLE J TRUCKING**  
**14762 S AIRPORT WAY**  
**MANTECA, CA 95336**  
**Site 3 of 5 in cluster A**

**SWEEPS UST** **S101625902**  
**CA FID UST** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**27 ft.**

**SWEEPS UST:**  
Name: TRIPLE J TRUCKING  
Address: 14762 S AIRPORT WAY  
City: MANTECA  
Status: Not reported  
Comp Number: 4234  
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: 39-000-004234-000001  
Tank Status: Not reported  
Capacity: 8000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: 1

**CA FID UST:**  
Facility ID: 39003988  
Regulated By: UTNKI  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2098582233  
Mail To: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TRIPLE J TRUCKING (Continued)**

**S101625902**

Mailing Address: 14762 S AIRPORT WAY  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MANTECA 95336  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**A5  
SE  
< 1/8  
0.010 mi.  
55 ft.**

**CARL AUFDERMAUR  
14755 S AIRPORT  
MANTECA, CA  
Site 4 of 5 in cluster A**

**AST A100339917  
N/A**

**Relative:  
Higher  
Actual:  
27 ft.**

AST:  
Name: CARL AUFDERMAUR  
Address: 14755 S AIRPORT  
City/Zip: MANTECA,  
Certified Unified Program Agencies: San Joaquin  
Owner: CARL AUFDERMAUR  
Total Gallons: 1,510  
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

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A6**  
**ESE**  
**< 1/8**  
**0.018 mi.**  
**95 ft.**

**PG&E MC MULLIN DEHYDRATOR STATION**  
**2200 AIRPORT WAY**  
**MANTECA, CA**

**CPS-SLIC** **S106483851**  
**CERS** **N/A**

**Site 5 of 5 in cluster A**

**Relative:**  
**Higher**

CPS-SLIC:

**Actual:**  
**26 ft.**

Name: PG&E MC MULLIN DEHYDRATOR STATION  
Address: 2200 AIRPORT WAY  
City,State,Zip: MANTECA, CA  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 05/05/2009  
Global Id: SL186032961  
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)  
Lead Agency Case Number: Not reported  
Latitude: 37.717567  
Longitude: -121.252092  
Case Type: Cleanup Program Site  
Case Worker: KDA  
Local Agency: Not reported  
RB Case Number: SL186032961  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Benzene, Other Solvent or Non-Petroleum Hydrocarbon, Toluene, Xylene  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS:

Name: PG&E MC MULLIN DEHYDRATOR STATION  
Address: 2200 AIRPORT WAY  
City,State,Zip: MANTECA, CA  
Site ID: 235742  
CERS ID: SL186032961  
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: KATHLEEN D. AMARU - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**7**  
**NW**  
**< 1/8**  
**0.074 mi.**  
**390 ft.**

**FORMER SUPREMA CHEESE WASTEWATER POND**  
**N/A N. OF LATHROP RD. AND E. OF AIRPORT RD.**  
**MANTECA, CA**

**CPS-SLIC** **S118504526**  
**CERS** **N/A**

**Relative:**  
**Lower**

CPS-SLIC:

**Actual:**  
**22 ft.**

Name: FORMER SUPREMA CHEESE WASTEWATER POND  
Address: N/A N. OF LATHROP RD. AND E. OF AIRPORT RD.  
City,State,Zip: MANTECA, CA  
Region: STATE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER SUPREMA CHEESE WASTEWATER POND (Continued)**

**S118504526**

**Facility Status:** Open - Remediation  
Status Date: 08/01/2013  
Global Id: SL0607706642  
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)  
Lead Agency Case Number: Not reported  
Latitude: 37.8334884152599  
Longitude: -121.259880065918  
Case Type: Cleanup Program Site  
Case Worker: WLB  
Local Agency: Not reported  
RB Case Number: SL0607706642  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Other inorganic / salt  
Site History: Former cheese processing wastewater pond used for discharge of non-hazardous waste. Facility went out of business in 2001. Pond was excavated, but elevated levels of chloride remains in groundwater.

[Click here to access the California GeoTracker records for this facility:](#)

**CERS:**

Name: FORMER SUPREMA CHEESE WASTEWATER POND  
Address: N/A N. OF LATHROP RD. AND E. OF AIRPORT RD.  
City,State,Zip: MANTECA, CA  
Site ID: 215575  
CERS ID: SL0607706642  
CERS Description: Cleanup Program Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: BILL BRATTAIN - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**8**  
**SSE**  
**1/8-1/4**  
**0.131 mi.**  
**692 ft.**

**CON-FAB CORPORATION**  
**2444 EAST LATHROP ROAD**  
**LATHROP, CA 95330**

**ENVIROSTOR** **S100204328**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**26 ft.**

**ENVIROSTOR:**  
Name: CON-FAB CORPORATION  
Address: 2444 EAST LATHROP ROAD  
City,State,Zip: LATHROP, CA 95330  
Facility ID: 39320014  
Status: Refer: RWQCB  
Status Date: 09/21/1995  
Site Code: 100255  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CON-FAB CORPORATION (Continued)**

**S100204328**

Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: Referred - Not Assigned  
 Division Branch: Cleanup Sacramento  
 Assembly: Not reported  
 Senate: Not reported  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 37.82646  
 Longitude: -121.2556  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CONFAB  
 Alias Type: Alternate Name  
 Alias Name: 100255  
 Alias Type: Project Code (Site Code)  
 Alias Name: 39320014  
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Preliminary Endangerment Assessment Report  
 Completed Date: 04/29/1990  
 Comments: PEA completed. Further action required to treat and/or remove soil contaminated with hydrocarbons.

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

**B9**  
**SW**  
 1/8-1/4  
 0.184 mi.  
 970 ft.

**CALAVERAS MATERIALS INC**  
**1945 E LATHROP RD**  
**LATHROP, CA 95330**  
**Site 1 of 4 in cluster B**

**RCRA NonGen / NLR 1024786268**  
**CAL000014763**

**Relative:**  
**Higher**  
**Actual:**  
**23 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 1989-11-14 00:00:00.0  
 Handler Name: CALAVERAS MATERIALS INC  
 Handler Address: 1945 E LATHROP RD  
 Handler City,State,Zip: LATHROP, CA 95330-9708  
 EPA ID: CAL000014763  
 Contact Name: STEVE ZACKS  
 Contact Address: 681 ASPEN CIRCLE  
 Contact City,State,Zip: OXNARD, CA 93030-0000



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS INC (Continued)**

**1024786268**

Contact Telephone:	805-748-0128
Contact Fax:	Not reported
Contact Email:	STEVE.ZACKS@HANSON.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	681 ASPEN CIRCLE
Mailing City, State, Zip:	OXNARD, CA 93030-0000
Owner Name:	CALVARERAS MATERIALS INC
Owner Type:	Other
Operator Name:	STEVE ZACKS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CALAVERAS MATERIALS INC (Continued)**

**1024786268**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:40:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALVARERAS MATERIALS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7675 N. INGRAM AVE, SUITE 104
Owner/Operator City,State,Zip:	FRESNO, CA 93711-0000
Owner/Operator Telephone:	805-748-0128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVE ZACKS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	681 ASPEN CIRCLE
Owner/Operator City,State,Zip:	OXNARD, CA 93030-0000
Owner/Operator Telephone:	805-748-0128
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-11-14 00:00:00.0
Handler Name:	CALAVERAS MATERIALS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS INC (Continued)**

**1024786268**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32732  
NAICS Description: READY-MIX CONCRETE MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**B10**  
**SW**  
**1/8-1/4**  
**0.223 mi.**  
**1177 ft.**

**WESTERN STONE PRODUCTS**  
**1945 LATHROP RD E**  
**MANTECA, CA 95336**  
**Site 2 of 4 in cluster B**

**LUST** **S101302536**  
**Cortese** **N/A**  
**HIST CORTESE**  
**CERS**

**Relative:**  
**Lower**  
**Actual:**  
**22 ft.**

LUST:

Name: WESTERN STONE PRODUCTS  
Address: 1945 LATHROP RD E  
City,State,Zip: MANTECA, CA 95336  
Lead Agency: SAN JOAQUIN COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0607700174](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700174)  
Global Id: T0607700174  
Latitude: 37.827185  
Longitude: -121.261973  
Status: Completed - Case Closed  
Status Date: 05/04/1994  
Case Worker: Not reported  
RB Case Number: 390245  
Local Agency: Not reported  
File Location: Not reported  
Local Case Number: 0001409  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

LUST:

Global Id: T0607700174  
Contact Type: Regional Board Caseworker  
Contact Name: Alan Buehler  
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)  
Address: 11020 SUN CENTER DRIVE #200  
City: RANCHO CORDOVA  
Email: alan.buehler@waterboards.ca.gov  
Phone Number: Not reported

LUST:

Global Id: T0607700174  
Action Type: Other  
Date: 07/25/1988  
Action: Leak Discovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN STONE PRODUCTS (Continued)**

**S101302536**

Global Id: T0607700174  
Action Type: Other  
Date: 07/26/1988  
Action: Leak Reported

**LUST:**

Global Id: T0607700174  
Status: Open - Case Begin Date  
Status Date: 07/25/1988

Global Id: T0607700174  
Status: Completed - Case Closed  
Status Date: 05/04/1994

**LUST REG 5:**

Name: WESTERN STONE PRODUCTS  
Address: 1945 LATHROP RD E  
City: MANTECA  
Region: 5  
Status: Case Closed  
Case Number: 390245  
Case Type: Drinking Water Aquifer affected  
Substance: DIESEL  
Staff Initials: JLB  
Lead Agency: Local  
Program: LUST  
MTBE Code: N/A

**CORTESE:**

Name: WESTERN STONE PRODUCTS  
Address: 1945 LATHROP RD E  
City,State,Zip: MANTECA, CA 95336  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0607700174  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTERN STONE PRODUCTS (Continued)**

**S101302536**

**HIST CORTESE:**

edr\_fname: WESTERN STONE PRODUCTS  
edr\_fadd1: 1945 LATHROP  
City,State,Zip: MANTECA, CA 95336  
Region: CORTESE  
Facility County Code: 39  
Reg By: LTNKA  
Reg Id: 390245

**CERS:**

Name: WESTERN STONE PRODUCTS  
Address: 1945 LATHROP RD E  
City,State,Zip: MANTECA, CA 95336  
Site ID: 253263  
CERS ID: T0607700174  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)  
Entity Title: Not reported  
Affiliation Address: 11020 SUN CENTER DRIVE #200  
Affiliation City: RANCHO CORDOVA  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**B11**  
**SW**  
**1/8-1/4**  
**0.223 mi.**  
**1177 ft.**

**CALAVERAS MATERIALS, INC.**  
**1945 E LATHROP RD**  
**LATHROP, CA 95330**  
**Site 3 of 4 in cluster B**

**AST S108431256**  
**EMI N/A**

**Relative:**  
**Lower**  
**Actual:**  
**22 ft.**

**AST:**

Name: CALAVERAS MATERIALS INC - LATHROP RMC  
Address: 1945 LATHROP RD  
City/Zip: LATHROP,95330  
Certified Unified Program Agencies: Not reported  
Owner: Calaveras Materials, Inc.  
Total Gallons: Not reported  
CERSID: 10182655  
Facility ID: 3727  
Business Name: Lehigh Hanson  
Phone: (209) 585-2451  
Fax: Not reported  
Mailing Address: 12667 Alcosta Blvd., Suite 400  
Mailing Address City: San Ramon  
Mailing Address State: CA  
Mailing Address Zip Code: 94583  
Operator Name: Calaveras Materials, Inc.  
Operator Phone: (559) 277-7060  
Owner Phone: (925) 244-6500  
Owner Mail Address: 12667 Alcosta Blvd., Suite 400  
Owner State: CA  
Owner Zip Code: 94583

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

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: CAL000014763

EMI:

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2005  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: .0079171968933178516  
Reactive Organic Gases Tons/Yr: .007878  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .6235530434782608695  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .5736688

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2006  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: .0062314935201042092  
Reactive Organic Gases Tons/Yr: .006200642299652112  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .2914172010869565217  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .268103825

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2007  
County Code: 39  
Air Basin: SJV

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: .0052246902813375594  
Reactive Organic Gases Tons/Yr: .0051988235976696  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .3491598369565217391  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .32122705

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2008  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: .0052246902813375594  
Reactive Organic Gases Tons/Yr: .0051988235976696  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .3491598369565217391  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .32122705

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2009  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.11119625706521701  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.1023005565

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

Year: 2010  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.58725141195652097  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.54027129900000004

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2011  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.73596457337  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.6770874075

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2012  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.70824591196  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.651586239



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2013  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 2.162738595  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.865095438

Name: CALAVERAS MATERIALS, INC.  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2014  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3.1841339425  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.273653577

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2015  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

Particulate Matter Tons/Yr: 4.1996077725  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.679843109

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2016  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: Not reported  
Reactive Organic Gases Tons/Yr: Not reported  
Carbon Monoxide Emissions Tons/Yr: Not reported  
NOX - Oxides of Nitrogen Tons/Yr: Not reported  
SOX - Oxides of Sulphur Tons/Yr: Not reported  
Particulate Matter Tons/Yr: 4.4604203575  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.784168143

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2017  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: Not reported  
Reactive Organic Gases Tons/Yr: Not reported  
Carbon Monoxide Emissions Tons/Yr: Not reported  
NOX - Oxides of Nitrogen Tons/Yr: Not reported  
SOX - Oxides of Sulphur Tons/Yr: Not reported  
Particulate Matter Tons/Yr: 4.4704592425  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.788183697

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 E LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Year: 2018  
County Code: 39  
Air Basin: SJV  
Facility ID: 943  
Air District Name: SJU  
SIC Code: 3273  
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: Not reported  
Reactive Organic Gases Tons/Yr: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CALAVERAS MATERIALS, INC. (Continued)**

**S108431256**

Carbon Monoxide Emissions Tons/Yr: Not reported  
 NOX - Oxides of Nitrogen Tons/Yr: Not reported  
 SOX - Oxides of Sulphur Tons/Yr: Not reported  
 Particulate Matter Tons/Yr: 5.1517024  
 Part. Matter 10 Micrometers and Smllr Tons/Yr:2.06068096

**B12  
 SW  
 1/8-1/4  
 0.223 mi.  
 1177 ft.**

**CMI LATHROP RMC PLANT  
 1945 LATHROP ROAD  
 LATHROP, CA 95330**

**CERS HAZ WASTE  
 CERS TANKS  
 NPDES  
 CERS**

**S121746327  
 N/A**

**Site 4 of 4 in cluster B**

**Relative:  
 Lower**

**CERS HAZ WASTE:**

**Actual:  
 22 ft.**

Name: CALAVERAS MATERIALS, INC. (CMI)  
 Address: 1945 LATHROP RD  
 City,State,Zip: LATHROP, CA 95330  
 Site ID: 15006  
 CERS ID: 10182655  
 CERS Description: Hazardous Waste Generator

**CERS TANKS:**

Name: CALAVERAS MATERIALS, INC. (CMI)  
 Address: 1945 LATHROP RD  
 City,State,Zip: LATHROP, CA 95330  
 Site ID: 15006  
 CERS ID: 10182655  
 CERS Description: Aboveground Petroleum Storage

**NPDES:**

Name: CMI LATHROP RMC PLANT  
 Address: 1945 LATHROP ROAD  
 City,State,Zip: LATHROP, CA 95330  
 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: 5S39NNA001074  
 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  
 Discharge Address: Not reported  
 Discharge Name: Not reported  
 Discharge City: Not reported  
 Discharge State: Not reported  
 Discharge Zip: Not reported  
 Status: NONA Submitted  
 Status Date: 12/11/2020  
 Operator Name: Calaveras Materials Inc  
 Operator Address: 114 E Shaw Ave  
 Operator City: Fresno  
 Operator State: California

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Operator Zip: 93710

Name: CALAVERAS MATERIALS INC LATHROP RMC  
Address: 1945 LATHROP ROAD  
City,State,Zip: LATHROP, CA 95330  
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: Not reported  
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  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Returned  
Status Date: 07/07/2018  
Operator Name: Calaveras Materials Inc  
Operator Address: 114 E Shaw Ave  
Operator City: Fresno  
Operator State: California  
Operator Zip: 93710

CERS:  
Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Site ID: 15006  
CERS ID: 10182655  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7  
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

(e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: OBSERVATION: The following was observed adjacent one permanently closed waste oil tank. -One empty 55-gallon container with used absorbent label observed with no empty date located on top of concrete rubble pile. REGULATION GUIDANCE: Empty containers which previously held a hazardous material, including hazardous waste must be managed per Title 22 California Code of Regulations (CCR) section 66261.7. Refer to this section and California Department of Toxic Substances Control guidance for more information. CORRECTIVE ACTION: Immediately label all empty containers with the date they were emptied and manage within one year of that date. Manage the container per Title 22 CCR section 66261.7. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 07-21-2020  
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 09/28/2020. The site map was not complete as part of the business plan. The site map is missing emergency shut offs for diesel, utilities shut off (natural gas, power, and water), evacuation staging areas, and emergency response equipment locations (fire extinguishers). Please add the missing elements to the site map. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. If a site map element is not applicable for your facility then list it on the map and label as "G NA". Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, upload the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Notes: for transport shall be kept until receiving a signed copy from the designated facility which received the waste. Returned to compliance on 12/10/2020. OBSERVATION: The following designated facility signed and dated copies of Uniform Hazardous Waste Manifests (UHWM) were not found on-site. 2020: -007313659SKS (7-13-2020) -007313657SKS (7-14-2020) -007313658SKS (7-14-2020) The following uniform hazardous waste manifest were not found on site: -007313656SKS (7-14-2020) REGULATION GUIDANCE: A hazardous waste generator shall keep a copy of each manifest signed in accordance with section 66262.23(a) for three years or until the generator receives a signed copy from the designated facility which received the waste. This signed copy shall be retained as a record for at least three years from the date the waste was accepted by the initial transporter. The hazardous waste generator must submit a copy of the manifest to the California Department of Toxic Substances Control (DTSC) within 60 days if the destination facility signed manifest copy is not received from the transporter or designated facility. CORRECTIVE ACTIO

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 include in the SPCC Plan: 1. A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all Federal, State, and local agencies who must be contacted in case of a discharge 2. Information and procedures that would enable a person reporting an oil discharge to relate all information as described in 40 CFR 112.7(a)(4), unless facility submitted a Facility Response Plan.

Violation Notes: Returned to compliance on 03/04/2019. The Spill Prevention, Control, and Countermeasure (SPCC) Plan does not provide information and procedures to enable a person to adequately report a discharge. The name and phone number of the local CUPA, the San Joaquin County Environmental Health Department, was not in the SPCC plan. If a response plan was not submitted to the Regional Administrator, this information must be included in the SPCC Plan. Immediately amend the SPCC Plan to include this information and submit a copy of the revision to the EHD. This was corrected on site.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

leak.  
Violation Notes: OBSERVATION: The following open hazardous waste storage containers were observed on-site: -One 1 by 3 foot tub filled with used oil filters lacking a closed container. Note: Operator stated that both plastic and metal used oil filters are disposed of together. They do not follow used oil metal filters recycling exemption. REGULATION GUIDANCE: A container holding hazardous waste shall always be closed during transfer and storage, except when it is necessary to add or remove waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department within 30 days.  
Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 properly close tanks when making a claim of "permanently closed."  
Violation Notes: Returned to compliance on 04/10/2019. The 1,000 gallon tank that used to hold gasoline is not in use but has not been properly closed. When a tank is not in use, it must be permanently closed by meeting the following conditions: - remove all liquid and sludge from each container and connecting line - disconnect and blank off all connecting lines and piping have from the tank - close and lock all valves - post a sign conspicuously stating that it is a permanently closed container and denoting the date of closure. Immediately "Permanently Closed" all tanks that are not being used or amend the Spill Prevention, Control, and Countermeasure Plan to include all petroleum tanks that have not been permanently closed.  
Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.  
Violation Notes: Returned to compliance on 04/10/2019. Copies of annual inspection records for the Steel Tank Institute's (STI) SP-001 standard, were not found on site. The SPCC plan states that the facility will conduct inspections as outlined in the STI SP-001 standard. Monthly and annual inspection checklists were provided in the SPCC plan for the facility. Inspections and tests must be conducted in accordance with the written procedures developed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. Records of these inspections and tests

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

must be signed by the appropriate supervisor or inspector and kept on site with the SPCC Plan for a period of three years. Immediately locate a copy of all inspection and testing records for the last three years, maintain them on site, and submit copies to the EHD.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 engineer or update each container installation in accordance with good engineering practice to avoid discharges and/or failure to provide at least one of the following devices on each container installation: 1. An audible or visual high liquid level alarm. 2. High liquid level pump cutoff devices. 3. Audible or code signal communications between tank gauger and pumping station. 4. A fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges.

Violation Notes: Returned to compliance on 04/05/2019. The 250 gallon used oil tank appeared to have a non functional high level gauge. At least one of the following devices must be installed in each container: - High liquid level alarm with audible or visual signal - High liquid level pump cutoff device set to stop flow at a predetermined content level - Direct audible or code signal communication between the container gauger and the pumping station - Fast response system, such as digital computer, telepulse, or direct vision gauge. If a direct vision gauge is being used for determining the liquid level of each tank, a person must be present to monitor gauges and the overall filling of the tanks. Immediately install an approved liquid level sensing device in accordance with CFR 112.8 and implement necessary procedures to ensure that the devices are fully functional and in use at all times during tank filling operations, or provide equivalence as allowed by CFR 112.7(a)(2).

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: -One 1 by 3 foot tub filled with used oil filters lacking a hazardous waste label. Located in the maintenance building. REGULATION GUIDANCE: All hazardous waste containers shall be marked with the following information: the words G Hazardous WasteG , name and address of generator, hazardous properties, physical state, composition (contents), accumulation start



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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

date CORRECTIVE ACTION: Immediately label the containers as required for hazardous waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards. Returned to compliance on 04/10/2019. Table 3 of the SPCC plan calls for the 10,000 gallon diesel tank, 1,000 gallon gasoline tank and the 250 used oil tank to be tested by qualified personell. The SPCC plan calls for formal STI SP-001 certified inspections on the three tanks every 20 years. The age of the tanks could not be determined at the time of the inspection. Formal STI SP-001 inspections have not been conducted on the tanks. Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but are not limited to: visual inspection, hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or other systems of non-destructive testing. Comparison reco

Violation Notes:

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11

Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violation Notes: Returned to compliance on 12/10/2020. OBSERVATIONS: Metal fines observed in the maintenance building located on metal saw machine. -Metal fines observed accumulating on metal saw machine and bench area. Note: Operator could not determine how metal fines were disposed of. Stated that metals would be stainless steel. REGULATION GUIDANCE: Any person who generates a waste shall determine if the waste is a hazardous waste as specified in Title 22 California Code of Regulations (CCR). There are wastes that are listed as hazardous wastes. There are wastes that exhibit one or more of the hazardous waste characteristics: toxic, corrosive, reactive or ignitable. Metal particles 100 microns or smaller in size must be handled and disposed of as hazardous waste if the metal is determined to be a hazardous waste. Metal particles larger than 100 microns in size can be recycled as scrap metal. CORRECTIVE ACTION: Immediately stop disposal of metal fines, make a hazardous waste determination for each waste , and man

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-04-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork by April 3, 2019 . Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.

Eval Division: San Joaquin County Environmental Health  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-21-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 8/20/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.

Eval Division: San Joaquin County Environmental Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-02-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 1-1-2021. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Return to compliance certification, free cupa classes flier, minimum hazardous waste labeling requirement sheet Waste streams found: used oil filters, soiled rags

Eval Division: San Joaquin County Environmental Health  
Eval Program: HW  
Eval Source: CERS

Coordinates:

Site ID: 15006

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Site

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Facility Name: CALAVERAS MATERIALS, INC. (CMI)  
Env Int Type Code: HWG  
Program ID: 10182655  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 37.827190  
Longitude: -121.261970

**Affiliation:**

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94583  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Company  
Entity Name: Lehigh Hanson  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Andrew Burgin  
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: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 114 E. Shaw Ave, Suite 100  
Affiliation City: Fresno  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93710  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Albert Silva  
Entity Title: RMC Area Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported

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EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Calaveras Materials, Inc.  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94583  
Affiliation Phone: (510) 340-0762

Affiliation Type Desc: Company Official  
Entity Name: Alberto Silva  
Entity Title: Operations Manager  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: San Joaquin Cnty Env Health  
Entity Title: Not reported  
Affiliation Address: 1868 East Hazelton Avenue  
Affiliation City: Stockton  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95205-6232  
Affiliation Phone: (209) 468-3420

Affiliation Type Desc: Operator  
Entity Name: Calaveras Materials, 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) 277-7060

Affiliation Type Desc: Parent Corporation  
Entity Name: Lehigh Hanson  
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: Public Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Technical Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Environmental Contact  
Entity Name: Justin Denison  
Entity Title: Area Manager  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Site ID: 15006  
CERS ID: 95330CLVRS1945L  
CERS Description: Toxic Release Inventory

Violations:  
Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Description: 11, Section(s) 66261.7  
Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: OBSERVATION: The following was observed adjacent one permanently closed waste oil tank. -One empty 55-gallon container with used absorbent label observed with no empty date located on top of concrete rubble pile. REGULATION GUIDANCE: Empty containers which previously held a hazardous material, including hazardous waste must be managed per Title 22 California Code of Regulations (CCR) section 66261.7. Refer to this section and California Department of Toxic Substances Control guidance for more information. CORRECTIVE ACTION: Immediately label all empty containers with the date they were emptied and manage within one year of that date. Manage the container per Title 22 CCR section 66261.7. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 07-21-2020  
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 09/28/2020. The site map was not complete as part of the business plan. The site map is missing emergency shut offs for diesel, utilities shut off (natural gas, power, and water), evacuation staging areas, and emergency response equipment locations (fire extinguishers). Please add the missing elements to the site map. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. If a site map element is not applicable for your facility then list it on the map and label as G NA". Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, upload the correct or updated information, and submit to the EHD for approval.

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Distance  
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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Division: San Joaquin County Environmental Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)  
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.  
Violation Notes: Returned to compliance on 12/10/2020. OBSERVATION: The following designated facility signed and dated copies of Uniform Hazardous Waste Manifests (UHW) were not found on-site. 2020: -007313659SKS (7-13-2020) -007313657SKS (7-14-2020) -007313658SKS (7-14-2020) The following uniform hazardous waste manifest were not found on site: -007313656SKS (7-14-2020) REGULATION GUIDANCE: A hazardous waste generator shall keep a copy of each manifest signed in accordance with section 66262.23(a) for three years or until the generator receives a signed copy from the designated facility which received the waste. This signed copy shall be retained as a record for at least three years from the date the waste was accepted by the initial transporter. The hazardous waste generator must submit a copy of the manifest to the California Department of Toxic Substances Control (DTSC) within 60 days if the destination facility signed manifest copy is not received from the transporter or designated facility. CORRECTIVE ACTIO

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 include in the SPCC Plan: 1. A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all Federal, State, and local agencies who must be contacted in case of a discharge 2. Information and procedures that would enable a person reporting an oil discharge to relate all information as described in 40 CFR 112.7(a)(4), unless facility submitted a Facility Response Plan.  
Violation Notes: Returned to compliance on 03/04/2019. The Spill Prevention, Control, and Countermeasure (SPCC) Plan does not provide information and procedures to enable a person to adequately report a discharge. The name and phone number of the local CUPA, the San Joaquin County Environmental Health Department, was not in the SPCC plan. If a response plan was not submitted to the Regional Administrator, this information must be included in the SPCC Plan. Immediately amend the SPCC Plan to include this information and submit a copy of the revision to the EHD. This was corrected on site.  
Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA

Map ID  
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Database(s)

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: OBSERVATION: The following open hazardous waste storage containers were observed on-site: -One 1 by 3 foot tub filled with used oil filters lacking a closed container. Note: Operator stated that both plastic and metal used oil filters are disposed of together. They do not follow used oil metal filters recycling exemption. REGULATION GUIDANCE: A container holding hazardous waste shall always be closed during transfer and storage, except when it is necessary to add or remove waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 properly close tanks when making a claim of "permanently closed."

Violation Notes: Returned to compliance on 04/10/2019. The 1,000 gallon tank that used to hold gasoline is not in use but has not been properly closed. When a tank is not in use, it must be permanently closed by meeting the following conditions: - remove all liquid and sludge from each container and connecting line - disconnect and blank off all connecting lines and piping have from the tank - close and lock all valves - post a sign conspicuously stating that it is a permanently closed container and denoting the date of closure. Immediately "Permanently Closed" all tanks that are not being used or amend the Spill Prevention, Control, and Countermeasure Plan to include all petroleum tanks that have not been permanently closed.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 one or more of the following requirements: 1.



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Distance  
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MAP FINDINGS

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Notes: Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records. Returned to compliance on 04/10/2019. Copies of annual inspection records for the Steel Tank Institute's (STI) SP-001 standard, were not found on site. The SPCC plan states that the facility will conduct inspections as outlined in the STI SP-001 standard. Monthly and annual inspection checklists were provided in the SPCC plan for the facility. Inspections and tests must be conducted in accordance with the written procedures developed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. Records of these inspections and tests must be signed by the appropriate supervisor or inspector and kept on site with the SPCC Plan for a period of three years. Immediately locate a copy of all inspection and testing records for the last three years, maintain them on site, and submit copies to the EHD.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 engineer or update each container installation in accordance with good engineering practice to avoid discharges and/or failure to provide at least one of the following devices on each container installation: 1. An audible or visual high liquid level alarm. 2. High liquid level pump cutoff devices. 3. Audible or code signal communications between tank gauger and pumping station. 4. A fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges.

Violation Notes: Returned to compliance on 04/05/2019. The 250 gallon used oil tank appeared to have a non functional high level gauge. At least one of the following devices must be installed in each container: - High liquid level alarm with audible or visual signal - High liquid level pump cutoff device set to stop flow at a predetermined content level - Direct audible or code signal communication between the container gauger and the pumping station - Fast response system, such as digital computer, telepulse, or direct vision gauge. If a direct vision gauge is being used for determining the liquid level of each tank, a person must be present to monitor gauges and the overall filling of the tanks. Immediately install an approved liquid level sensing device in accordance with CFR 112.8 and implement necessary procedures to ensure that the devices are fully functional and in use at all times during tank filling operations, or provide equivalence as allowed by CFR 112.7(a)(2).

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: -One 1 by 3 foot tub filled with used oil filters lacking a hazardous waste label. Located in the maintenance building. REGULATION GUIDANCE: All hazardous waste containers shall be marked with the following information: the words G Hazardous WasteG , name and address of generator, hazardous properties, physical state, composition (contents), accumulation start date CORRECTIVE ACTION: Immediately label the containers as required for hazardous waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards. Returned to compliance on 04/10/2019. Table 3 of the SPCC plan calls for the 10,000 gallon diesel tank, 1,000 gallon gasoline tank and the 250 used oil tank to be tested by qualified personell. The SPCC plan calls for formal STI SP-001 certified inspections on the three tanks every 20 years. The age of the tanks could not be determined at the time of the inspection. Formal STI SP-001 inspections have not been conducted on the tanks. Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but are not limited to: visual inspection, hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or other systems of non-destructive testing. Comparison reco

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11

Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.

Violation Notes: Returned to compliance on 12/10/2020. OBSERVATIONS: Metal fines observed in the maintenance building located on metal saw machine. -Metal fines observed accumulating on metal saw machine and bench

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

area. Note: Operator could not determine how metal fines were disposed of. Stated that metals would be stainless steel. REGULATION GUIDANCE: Any person who generates a waste shall determine if the waste is a hazardous waste as specified in Title 22 California Code of Regulations (CCR). There are wastes that are listed as hazardous wastes. There are wastes that exhibit one or more of the hazardous waste characteristics: toxic, corrosive, reactive or ignitable. Metal particles 100 microns or smaller in size must be handled and disposed of as hazardous waste if the metal is determined to be a hazardous waste. Metal particles larger than 100 microns in size can be recycled as scrap metal. CORRECTIVE ACTION: Immediately stop disposal of metal fines, make a hazardous waste determination for each waste, and man San Joaquin County Environmental Health  
HW  
CERS

Violation Division:  
Violation Program:  
Violation Source:

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-04-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork by April 3, 2019. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.  
Eval Division: San Joaquin County Environmental Health  
Eval Program: APSA  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-21-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 8/20/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.  
Eval Division: San Joaquin County Environmental Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-02-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 1-1-2021. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Return to compliance certification, free cupa classes flier, minimum hazardous waste labeling requirement sheet Waste streams found: used oil filters, soiled rags  
Eval Division: San Joaquin County Environmental Health  
Eval Program: HW  
Eval Source: CERS

Coordinates:

Site ID: 15006  
Facility Name: CALAVERAS MATERIALS, INC. (CMI)  
Env Int Type Code: HWG  
Program ID: 10182655  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 37.827190  
Longitude: -121.261970

Affiliation:

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94583  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Company  
Entity Name: Lehigh Hanson  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: Andrew Burgin  
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: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 114 E. Shaw Ave, Suite 100  
Affiliation City: Fresno  
Affiliation State: CA

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation Country: Not reported  
Affiliation Zip: 93710  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Albert Silva  
Entity Title: RMC Area 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: Legal Owner  
Entity Name: Calaveras Materials, Inc.  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94583  
Affiliation Phone: (510) 340-0762

Affiliation Type Desc: Company Official  
Entity Name: Alberto Silva  
Entity Title: Operations Manager  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: San Joaquin Cnty Env Health  
Entity Title: Not reported  
Affiliation Address: 1868 East Hazelton Avenue  
Affiliation City: Stockton  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95205-6232  
Affiliation Phone: (209) 468-3420

Affiliation Type Desc: Operator  
Entity Name: Calaveras Materials, 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) 277-7060

Affiliation Type Desc: Parent Corporation  
Entity Name: Lehigh Hanson  
Entity Title: Not reported

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

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: Public Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Technical Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Environmental Contact  
Entity Name: Justin Denison  
Entity Title: Area Manager  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
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Database(s)

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EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Name: CALAVERAS MATERIALS, INC. (CMI)  
Address: 1945 LATHROP RD  
City,State,Zip: LATHROP, CA 95330  
Site ID: 15006  
CERS ID: 110037969561  
CERS Description: US EPA Air Emission Inventory System (EIS)

Violations:

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7

Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: OBSERVATION: The following was observed adjacent one permanently closed waste oil tank. -One empty 55-gallon container with used absorbent label observed with no empty date located on top of concrete rubble pile. REGULATION GUIDANCE: Empty containers which previously held a hazardous material, including hazardous waste must be managed per Title 22 California Code of Regulations (CCR) section 66261.7. Refer to this section and California Department of Toxic Substances Control guidance for more information. CORRECTIVE ACTION: Immediately label all empty containers with the date they were emptied and manage within one year of that date. Manage the container per Title 22 CCR section 66261.7. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 07-21-2020  
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 09/28/2020. The site map was not complete as part of the business plan. The site map is missing emergency shut offs for diesel, utilities shut off (natural gas, power, and water),

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

evacuation staging areas, and emergency response equipment locations (fire extinguishers). Please add the missing elements to the site map. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. If a site map element is not applicable for your facility then list it on the map and label as G NA". Immediately log into the California Environmental Reporting System (CERS) at <http://cers.calepa.ca.gov/>, upload the correct or updated information, and submit to the EHD for approval.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 12/10/2020. OBSERVATION: The following designated facility signed and dated copies of Uniform Hazardous Waste Manifests (UHW) were not found on-site. 2020: -007313659SKS (7-13-2020) -007313657SKS (7-14-2020) -007313658SKS (7-14-2020) The following uniform hazardous waste manifest were not found on site: -007313656SKS (7-14-2020) REGULATION GUIDANCE: A hazardous waste generator shall keep a copy of each manifest signed in accordance with section 66262.23(a) for three years or until the generator receives a signed copy from the designated facility which received the waste. This signed copy shall be retained as a record for at least three years from the date the waste was accepted by the initial transporter. The hazardous waste generator must submit a copy of the manifest to the California Department of Toxic Substances Control (DTSC) within 60 days if the destination facility signed manifest copy is not received from the transporter or designated facility. CORRECTIVE ACTIO

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 include in the SPCC Plan: 1. A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all Federal, State, and local agencies who must be contacted in case of a discharge 2. Information and procedures that would enable a person reporting an oil discharge to relate all information as described in 40 CFR 112.7(a)(4), unless facility submitted a Facility Response Plan.



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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Violation Notes: Returned to compliance on 03/04/2019. The Spill Prevention, Control, and Countermeasure (SPCC) Plan does not provide information and procedures to enable a person to adequately report a discharge. The name and phone number of the local CUPA, the San Joaquin County Environmental Health Department, was not in the SPCC plan. If a response plan was not submitted to the Regional Administrator, this information must be included in the SPCC Plan. Immediately amend the SPCC Plan to include this information and submit a copy of the revision to the EHD. This was corrected on site.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: OBSERVATION: The following open hazardous waste storage containers were observed on-site: -One 1 by 3 foot tub filled with used oil filters lacking a closed container. Note: Operator stated that both plastic and metal used oil filters are disposed of together. They do not follow used oil metal filters recycling exemption. REGULATION GUIDANCE: A container holding hazardous waste shall always be closed during transfer and storage, except when it is necessary to add or remove waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 properly close tanks when making a claim of "permanently closed."

Violation Notes: Returned to compliance on 04/10/2019. The 1,000 gallon tank that used to hold gasoline is not in use but has not been properly closed. When a tank is not in use, it must be permanently closed by meeting the following conditions: - remove all liquid and sludge from each container and connecting line - disconnect and blank off all connecting lines and piping have from the tank - close and lock all valves - post a sign conspicuously stating that it is a permanently closed container and denoting the date of closure. Immediately "Permanently Closed" all tanks that are not being used or amend the Spill Prevention, Control, and Countermeasure Plan to include all

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

petroleum tanks that have not been permanently closed.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.

Violation Notes: Returned to compliance on 04/10/2019. Copies of annual inspection records for the Steel Tank Institute's (STI) SP-001 standard, were not found on site. The SPCC plan states that the facility will conduct inspections as outlined in the STI SP-001 standard. Monthly and annual inspection checklists were provided in the SPCC plan for the facility. Inspections and tests must be conducted in accordance with the written procedures developed in the Spill Prevention, Control, and Countermeasure (SPCC) Plan. Records of these inspections and tests must be signed by the appropriate supervisor or inspector and kept on site with the SPCC Plan for a period of three years. Immediately locate a copy of all inspection and testing records for the last three years, maintain them on site, and submit copies to the EHD.

Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 engineer or update each container installation in accordance with good engineering practice to avoid discharges and/or failure to provide at least one of the following devices on each container installation: 1. An audible or visual high liquid level alarm. 2. High liquid level pump cutoff devices. 3. Audible or code signal communications between tank gauger and pumping station. 4. A fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges.

Violation Notes: Returned to compliance on 04/05/2019. The 250 gallon used oil tank appeared to have a non functional high level gauge. At least one of the following devices must be installed in each container: - High liquid level alarm with audible or visual signal - High liquid level pump cutoff device set to stop flow at a predetermined content level - Direct audible or code signal communication between the container gauger and the pumping station - Fast response system, such as digital computer, telepulse, or direct vision gauge. If a direct vision gauge is being used for determining the liquid level of each tank, a person must be present to monitor gauges and the overall filling of the tanks. Immediately install an approved liquid level sensing device in accordance with CFR 112.8 and implement necessary procedures to ensure that the devices are fully functional and in use at all times during

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**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

tank filling operations, or provide equivalence as allowed by CFR 112.7(a)(2).  
Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: -One 1 by 3 foot tub filled with used oil filters lacking a hazardous waste label. Located in the maintenance building. REGULATION GUIDANCE: All hazardous waste containers shall be marked with the following information: the words G Hazardous WasteG , name and address of generator, hazardous properties, physical state, composition (contents), accumulation start date CORRECTIVE ACTION: Immediately label the containers as required for hazardous waste. Provide a corrective action statement and supporting documentation to the San Joaquin County Environmental Health Department (EHD) within 30 days.

Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 03-04-2019  
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 ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards. Returned to compliance on 04/10/2019. Table 3 of the SPCC plan calls for the 10,000 gallon diesel tank, 1,000 gallon gasoline tank and the 250 used oil tank to be tested by qualified personell. The SPCC plan calls for formal STI SP-001 certified inspections on the three tanks every 20 years. The age of the tanks could not be determined at the time of the inspection. Formal STI SP-001 inspections have not been conducted on the tanks. Each aboveground container shall be tested and inspected for integrity on a regular schedule and whenever repairs are made. The qualifications of personnel performing tests and inspections, frequency and type of testing and inspections that take into account container size, configuration, and design shall be determined in accordance with industry standards. Examples of these integrity tests include, but are not limited to: visual inspection, hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or other systems of non-destructive testing. Comparison reco  
Violation Division: San Joaquin County Environmental Health  
Violation Program: APSA  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Site ID: 15006  
Site Name: CALAVERAS MATERIALS, INC. (CMI)  
Violation Date: 12-02-2020  
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11  
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.  
Violation Notes: Returned to compliance on 12/10/2020. OBSERVATIONS: Metal fines observed in the maintenance building located on metal saw machine. -Metal fines observed accumulating on metal saw machine and bench area. Note: Operator could not determine how metal fines were disposed of. Stated that metals would be stainless steel. REGULATION GUIDANCE: Any person who generates a waste shall determine if the waste is a hazardous waste as specified in Title 22 California Code of Regulations (CCR). There are wastes that are listed as hazardous wastes. There are wastes that exhibit one or more of the hazardous waste characteristics: toxic, corrosive, reactive or ignitable. Metal particles 100 microns or smaller in size must be handled and disposed of as hazardous waste if the metal is determined to be a hazardous waste. Metal particles larger than 100 microns in size can be recycled as scrap metal. CORRECTIVE ACTION: Immediately stop disposal of metal fines, make a hazardous waste determination for each waste , and man  
Violation Division: San Joaquin County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-04-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork by April 3, 2019 . Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.  
Eval Division: San Joaquin County Environmental Health  
Eval Program: APSA  
Eval Source: CERS  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 07-21-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 8/20/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420.  
Eval Division: San Joaquin County Environmental Health  
Eval Program: HMRRP  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-02-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 1-1-2021. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate (\$152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Return to compliance certification, free cupa classes flier, minimum hazardous waste labeling requirement sheet Waste streams found: used oil filters, soiled rags  
Eval Division: San Joaquin County Environmental Health  
Eval Program: HW  
Eval Source: CERS

Coordinates:

Site ID: 15006  
Facility Name: CALAVERAS MATERIALS, INC. (CMI)  
Env Int Type Code: HWG  
Program ID: 10182655  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 37.827190  
Longitude: -121.261970

Affiliation:

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94583  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Parent Company  
Entity Name: Lehigh Hanson  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Document Preparer  
Entity Name: Andrew Burgin  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 114 E. Shaw Ave, Suite 100  
Affiliation City: Fresno  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 93710  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Albert Silva  
Entity Title: RMC Area 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: Legal Owner  
Entity Name: Calaveras Materials, Inc.  
Entity Title: Not reported  
Affiliation Address: 3000 Executive Parkway, Ste. 240  
Affiliation City: San Ramon  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94583  
Affiliation Phone: (510) 340-0762

Affiliation Type Desc: Company Official  
Entity Name: Alberto Silva  
Entity Title: Operations Manager  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: San Joaquin Cnty Env Health  
Entity Title: Not reported  
Affiliation Address: 1868 East Hazelton Avenue  
Affiliation City: Stockton  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95205-6232  
Affiliation Phone: (209) 468-3420

Affiliation Type Desc: Operator  
Entity Name: Calaveras Materials, Inc.  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (559) 277-7060

Affiliation Type Desc: Parent Corporation  
Entity Name: Lehigh Hanson  
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: Public Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Technical Contact  
Entity Name: Andy Burgin  
Entity Title: Not reported  
Affiliation Address: 3000 EXECUTIVE PARKWAY, STE 240  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95330  
Affiliation Phone: 5592777060

Affiliation Type Desc: Environmental Contact  
Entity Name: Justin Denison  
Entity Title: Area Manager  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CMI LATHROP RMC PLANT (Continued)**

**S121746327**

Affiliation Type Desc: Public Contact  
Entity Name: Tina Lau  
Entity Title: Not reported  
Affiliation Address: 12667 ALCOSTA BLVD NA SUITE 400  
Affiliation City: SANRAMON  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**C13  
NNE  
1/8-1/4  
0.230 mi.  
1216 ft.**

**C. DE GROOT & SONS  
14318 S AIRPORT WAY  
MANTECA, CA 95336  
Site 1 of 4 in cluster C**

**HIST UST U001606158  
N/A**

**Relative:  
Higher  
Actual:  
25 ft.**

HIST UST:  
Name: C. DE GROOT & SONS  
Address: 14318 S AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000057028  
Facility Type: Other  
Other Type: FARM  
Contact Name: JERRY DE GROOT  
Telephone: 2098582556  
Owner Name: C. DE GROOT & SONS  
Owner Address: 14318 SO. AIRPORT WAY  
Owner City,St,Zip: MANTECA, CA 95336  
Total Tanks: 0004

Tank Num: 001  
Container Num: 2  
Year Installed: 66  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 1 LAGOON  
Year Installed: 1965  
Tank Capacity: 05000000  
Tank Used for: WASTE  
Type of Fuel: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C. DE GROOT & SONS (Continued)**

**U001606158**

Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 004  
Container Num: 2 LAGOON  
Year Installed: 1979  
Tank Capacity: 05000000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

**C14  
NNE  
1/8-1/4  
0.230 mi.  
1216 ft.**

**C. DEGROOT & SONS  
14318 S AIRPORT WAY  
MANTECA, CA 95336**

**SWEEPS UST S101625863  
HIST UST N/A  
CA FID UST**

**Site 2 of 4 in cluster C**

**Relative:  
Higher**

**SWEEPS UST:**

**Actual:  
25 ft.**

Name: C. DEGROOT & SONS  
Address: 14318 S AIRPORT WAY  
City: MANTECA  
Status: Not reported  
Comp Number: 4145  
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: 39-000-004145-000001  
Tank Status: Not reported  
Capacity: 2500  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: 1

**HIST UST:**

Name: C DE GROOT AND SONS  
Address: 14318 SO AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
File Number: 0002FA18  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002FA18.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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C. DEGROOT & SONS (Continued)**

**S101625863**

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: 39001360  
Regulated By: UTNKI  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: 14318 S AIRPORT WAY  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MANTECA 95336  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**C15**  
**NNE**  
**1/8-1/4**  
**0.230 mi.**  
**1216 ft.**

**C DEGROOT & SONS\***  
**14318 S AIRPORT WAY**  
**MANTECA, CA 95336**  
**Site 3 of 4 in cluster C**

**UST U004023441**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

UST SAN JOAQUIN:  
Name: C DEGROOT & SONS\*  
Address: 14318 S AIRPORT WAY  
City,State,Zip: MANTECA, CA 95336  
Region: SJ  
Facility Id: FA0005036  
Mail Address: 14318 S AIRPORT WAY  
Mail Address 2: Not reported  
Mail Care of: C DEGROOT & SONS  
Mail City,St,Zip: MANTECA, CA 95336  
  
Tank Rec ID: TA0501241  
Tank Number: 1  
Tank Status: 02 - Inactive, non-billable  
Tank Capacity: 2500  
Product Type Desc: 09 - OTHER PETROLEUM  
Program Element: 2323  
Decode for Program Element: 2323 - ADDITIONAL FARM TANK #1 - obsolete  
Chemical Form: (none)  
CAS#: Not reported  
CERS ID: Not reported  
Cross Ref Tank ID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C DEGROOT & SONS\* (Continued)**

**U004023441**

LEA ID: 9  
 Common Name: Not reported  
 Date Installed: Not reported  
 Date of Closure: Not reported  
 Latitude: Not reported  
 Longitude: Not reported

**C16**  
**NNE**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**CHIRON CORP**  
**14395 S AIRPORT WY**  
**MANTECA, CA 95336**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1000367634**  
**CAD982043010**

**Site 4 of 4 in cluster C**

**Relative:**  
**Higher**  
**Actual:**  
**25 ft.**

RCRA NonGen / NLR:  
 Date Form Received by Agency: 1994-05-24 00:00:00  
 Handler Name: CHIRON CORP  
 Handler Address: 14395 S AIRPORT WY  
 Handler City,State,Zip: MANTECA, CA 95336  
 EPA ID: CAD982043010  
 Contact Name: ENVIRONMENTAL MANAGER  
 Contact Address: 14395 S AIRPORT WY  
 Contact City,State,Zip: MANTECA, CA 95356  
 Contact Telephone: 209-858-2544  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 09  
 Land Type: Other  
 Federal Waste Generator Description: Not a generator, verified  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Not reported  
 State District Owner: CA  
 State District: 5  
 Mailing Address: 4560 HORTON ST  
 Mailing City,State,Zip: EMERYVILLE, CA 94608  
 Owner Name: C E DEGROOT & SONS  
 Owner Type: Private  
 Operator Name: NOT REQUIRED  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site Converter Treatment storage and Disposal Facility: Not reported  
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported  
 Active Site State-Reg Handler: ---

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHIRON CORP (Continued)**

**1000367634**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:32:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	C E DEGROOT & SONS
Legal Status:	Private
Date Became Current:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHIRON CORP (Continued)**

**1000367634**

Date Ended Current: Not reported  
Owner/Operator Address: NOT REQUIRED  
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999  
Owner/Operator Telephone: 415-555-1212  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1994-05-24 00:00:00.0  
Handler Name: CHIRON CORP  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110008275598

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000367634  
Registry ID: 110008275598  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008275598>  
Name: CHIRON CORP  
Address: 14395 S AIRPORT WY  
City,State,Zip: MANTECA, CA 95336

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

17  
WNW  
1/2-1  
0.582 mi.  
3074 ft.

DEFENSE DIST DEPOT/SAN JOAQUIN/SHARPE  
ROTH ROAD BLDG S-4  
LATHROP, CA 95331

ENVIROSTOR S109548342  
N/A

Relative:  
Lower

ENVIROSTOR:

Actual:  
22 ft.

Name: DEFENSE DIST DEPOT/SAN JOAQUIN/SHARPE  
Address: ROTH ROAD BLDG S-4  
City,State,Zip: LATHROP, CA 953310000  
Facility ID: 80001279  
Status: Certified  
Status Date: 02/25/2009  
Site Code: 100499  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0.01  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: MBR  
Program Manager: John Bystra  
Supervisor: Noel Shrum  
Division Branch: Cleanup Legacy Landfills  
Assembly: 12  
Senate: 05  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 37.83498  
Longitude: -121.2691  
APN: NONE SPECIFIED  
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, TRANSFER STATION,  
HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS  
Potential COC: DDD DDE DDD DDE  
Confirmed COC: DDD DDE DDD DDE  
Potential Description: CSS, SOIL  
Alias Name: CA8210020832  
Alias Type: EPA Identification Number  
Alias Name: 100499  
Alias Type: Project Code (Site Code)  
Alias Name: 80001279  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Selection and Statement of Basis  
Completed Date: 02/01/1996  
Comments: Not reported  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)  
Completed Date: 02/17/1989  
Comments: Not reported  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DIST DEPOT/SAN JOAQUIN/SHARPE (Continued)**

**S109548342**

Completed Date: 04/09/1998  
Comments: Not reported

Completed Area Name: Building 605  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/25/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 08/11/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 08/11/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Groundwater Migration Controlled  
Completed Date: 04/05/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 04/09/1998  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Human Exposure Controlled  
Completed Date: 07/25/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedy Selected  
Completed Date: 02/01/1996  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Workplan  
Completed Date: 02/17/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 04/01/1984  
Comments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DIST DEPOT/SAN JOAQUIN/SHARPE (Continued)**

**S109548342**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Preliminary Assessment Report  
 Completed Date: 04/01/1984  
 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

**18**  
**WNW**  
**1/2-1**  
**0.716 mi.**  
**3782 ft.**

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SI**  
**ROTH ROAD BLDG S-4**  
**LATHROP, CA 95331**

**HAZNET** **S112836628**  
**ICE** **N/A**  
**HWP**  
**CERS**  
**HWTS**

**Relative:**  
**Lower**  
**Actual:**  
**22 ft.**

**HAZNET:**  
 Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
 Address: ROTH ROAD BLDG S-4  
 Address 2: Not reported  
 City,State,Zip: LATHROP, CA 952960710  
 Contact: EDWARD MCNAIR  
 Telephone: 2098395539  
 Mailing Name: Not reported  
 Mailing Address: PO BOX 960001

Year: 2018  
 Gepaid: CA8210020832  
 TSD EPA ID: AZD081705402  
 CA Waste Code: 352 - Other organic solids  
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 0.03000

Year: 2018  
 Gepaid: CA8210020832  
 TSD EPA ID: AZD081705402  
 CA Waste Code: 223 - Unspecified oil-containing waste  
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 0.03000

Year: 2017  
 Gepaid: CA8210020832  
 TSD EPA ID: CAT080013352  
 CA Waste Code: 221 - Waste oil and mixed oil  
 Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
 Tons: 0.209

Year: 2017  
 Gepaid: CA8210020832



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSD EPA ID:	AZD081705402
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2017
Gepaid:	CA8210020832
TSD EPA ID:	AZD081705402
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.034
Year:	2017
Gepaid:	CA8210020832
TSD EPA ID:	AZD081705402
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2016
Gepaid:	CA8210020832
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.95
Year:	2016
Gepaid:	CA8210020832
TSD EPA ID:	AZD081705402
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2016
Gepaid:	CA8210020832
TSD EPA ID:	AZD081705402
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.08
Year:	2016
Gepaid:	CA8210020832
TSD EPA ID:	AZD081705402
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075

[Click this hyperlink](#) while viewing on your computer to access 1231 additional CA HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Info:

Year:	1993
Gen EPA ID:	CA8210020832
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	93021898
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	9
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	93021897
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	93021894
Trans EPA ID:	ILD984908202

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931229  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931229  
Manifest ID: 93021899  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0333  
Waste Quantity: 8  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931228  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931228  
Manifest ID: 93021896  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0375
Waste Quantity:	9
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93021893
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931228
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93021893
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4962
Waste Quantity:	119
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Shipment Date: 19931228  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931228  
Manifest ID: 93021895  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0375  
Waste Quantity: 9  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931210  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931213  
Manifest ID: 93160463  
Trans EPA ID: CAD004778742  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD050806850  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD050806850  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D001  
Meth Code: T01 - Treatment, Tank  
Quantity Tons: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19931210  
Creation Date: 9/14/1995 0:00:00  
Receipt Date: 19931213  
Manifest ID: 93160464  
Trans EPA ID: CAD004778742  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD088504881

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: Not reported  
TSDf Alt EPA ID: CAD088504881  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D002  
Meth Code: R01 - Recycler  
Quantity Tons: 0.098  
Waste Quantity: 196  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2012  
Gen EPA ID: CA8210020832

Shipment Date: 20121205  
Creation Date: 5/3/2013 22:15:23  
Receipt Date: 20121221  
Manifest ID: 005622335FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.028  
Waste Quantity: 56  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121205  
Creation Date: 5/3/2013 22:15:23  
Receipt Date: 20121221  
Manifest ID: 005622335FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.005  
Waste Quantity: 10  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121205  
Creation Date: 5/3/2013 22:15:23  
Receipt Date: 20121221  
Manifest ID: 005622335FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.4965  
Waste Quantity: 993  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121115  
Creation Date: 4/17/2013 22:15:43  
Receipt Date: 20121127  
Manifest ID: 003531918FLE  
Trans EPA ID: CAR000179382  
Trans Name: ENV ENVIRONMENTAL INTERNATIONAL INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D004  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 5.4  
Waste Quantity: 10800  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005622334FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005622334FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005622334FLE
Trans EPA ID:	MAD039322250



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005622334FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0555
Waste Quantity:	111
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005622334FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.004  
Waste Quantity: 8  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121114  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 005622334FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.065  
Waste Quantity: 130  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2011  
Gen EPA ID: CA8210020832

Shipment Date: 20111219  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000129930MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: D035  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: D035  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20111219  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000129930MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0015  
Waste Quantity: 3  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20111219  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000129930MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111219
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000129930MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5)
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0005
Waste Quantity:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1994  
Gen EPA ID: CA8210020832

Shipment Date: 19941228  
Creation Date: 10/20/1995 0:00:00  
Receipt Date: 19941228  
Manifest ID: 92003950  
Trans EPA ID: CAD980887046  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000646117  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000646117  
TSDf Alt Name: Not reported  
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 22  
Waste Quantity: 22  
Quantity Unit: T  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19941228  
Creation Date: 10/19/1995 0:00:00  
Receipt Date: 19941228  
Manifest ID: 92003951  
Trans EPA ID: CAD980887046  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000646117  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000646117  
TSDf Alt Name: Not reported  
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 22  
Waste Quantity: 22  
Quantity Unit: T  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Code 5:	Not reported
Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	92003934
Trans EPA ID:	CAD980694723
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	22
Waste Quantity:	22
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	92003933
Trans EPA ID:	CAD980694723
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	27
Waste Quantity:	27
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	92003932
Trans EPA ID:	CAD980694723
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported



Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans 2 Name: Not reported  
TSDF EPA ID: CAT000646117  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT000646117  
TSDF Alt Name: Not reported  
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 22  
Waste Quantity: 22  
Quantity Unit: T  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19941228  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941228  
Manifest ID: 92003931  
Trans EPA ID: CAD980694723  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000646117  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT000646117  
TSDF Alt Name: Not reported  
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 22  
Waste Quantity: 22  
Quantity Unit: T  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19941228  
Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941228  
Manifest ID: 92003930  
Trans EPA ID: CAD980694723  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000646117  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT000646117  
TSDF Alt Name: Not reported  
Waste Code Description: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 22

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Waste Quantity:	22
Quantity Unit:	T
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	95032810
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941228
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941228
Manifest ID:	95032809
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0291
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941228

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Creation Date: 3/28/1996 0:00:00  
Receipt Date: 19941228  
Manifest ID: 95032808  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0333  
Waste Quantity: 8  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2002  
Gen EPA ID: CA8210020832

Shipment Date: 20021219  
Creation Date: 4/1/2003 18:31:07  
Receipt Date: 20021227  
Manifest ID: 22037096  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000646117  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 2.56  
Waste Quantity: 5120  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20021217  
Creation Date: 3/31/2003 18:31:15  
Receipt Date: 20021223  
Manifest ID: 22200737  
Trans EPA ID: SCR000075150  
Trans Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CA0000084517  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.  
RCRA Code: F005  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.018  
Waste Quantity: 36  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20021203  
Creation Date: 4/2/2003 18:31:15  
Receipt Date: 20021217  
Manifest ID: 99167393  
Trans EPA ID: CAD981634892  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD982042475  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 151 - Asbestos-containing waste  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 8.428  
Waste Quantity: 10  
Quantity Unit: Y  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20021108  
Creation Date: 3/15/2003 18:31:28  
Receipt Date: 20021114  
Manifest ID: 22035122  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021108
Creation Date:	3/15/2003 18:30:36
Receipt Date:	20021112
Manifest ID:	22035123
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021108
Creation Date:	3/15/2003 18:31:28
Receipt Date:	20021114
Manifest ID:	22035122
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.081
Waste Quantity:	162
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Shipment Date:	20021108
Creation Date:	3/15/2003 18:31:28
Receipt Date:	20021114
Manifest ID:	22035122
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.0945
Waste Quantity:	189
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021030
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021111
Manifest ID:	22144625
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021022
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021030
Manifest ID:	22034805
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021022
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021101
Manifest ID:	22034806
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD088504881
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2001
Gen EPA ID:	CA8210020832
Shipment Date:	20011206
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011206
Manifest ID:	21197845
Trans EPA ID:	CAD004778742
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	7.9
Waste Quantity:	15800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011129
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	21317867
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CA0000084517
Trans Name:	Not reported
TSDf Alt EPA ID:	CA0000084517
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011127
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011127
Manifest ID:	21356944
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000646117
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000646117
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	9.6
Waste Quantity:	19200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Shipment Date:	20011114
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21356937
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011114
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21356937
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.5175
Waste Quantity:	1035
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011114
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011211
Manifest ID:	21356938
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	WID988566543
Trans 2 Name:	Not reported
TSDf EPA ID:	AZ0000337360

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: Not reported  
TSDF Alt EPA ID: AZ0000337360  
TSDF Alt Name: Not reported  
Waste Code Description: 261 - Not reported  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1289  
Waste Quantity: 117  
Quantity Unit: K  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20011114  
Creation Date: 2/20/2002 0:00:00  
Receipt Date: 20011211  
Manifest ID: 21356938  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: WID988566543  
Trans 2 Name: Not reported  
TSDF EPA ID: AZ0000337360  
Trans Name: Not reported  
TSDF Alt EPA ID: AZ0000337360  
TSDF Alt Name: Not reported  
Waste Code Description: 261 - Not reported  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1135  
Waste Quantity: 103  
Quantity Unit: K  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20011114  
Creation Date: 2/20/2002 0:00:00  
Receipt Date: 20011203  
Manifest ID: 21356939  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080013352  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT080013352  
TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: R01 - Recycler  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P

Map ID  
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MAP FINDINGS

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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011114
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011203
Manifest ID:	21356939
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.212
Waste Quantity:	424
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011114
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011114
Manifest ID:	21356940
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAL000190080
Trans Name:	Not reported
TSDf Alt EPA ID:	CAL000190080
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	15.6175
Waste Quantity:	31235
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2007
Gen EPA ID:	CA8210020832

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Shipment Date:	20071228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003303915JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.366
Waste Quantity:	732
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003303915JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.085
Waste Quantity:	170
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003303915JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTR000007708

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D035  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.236  
Waste Quantity: 472  
Quantity Unit: P  
Additional Code 1: D007  
Additional Code 2: D001  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071228  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 003303915JJK  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTR000007708  
Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: Not reported  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.0755  
Waste Quantity: 151  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071228  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 003303915JJK  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTR000007708  
Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D035  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.02

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003303915JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003303915JJK
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESSWAY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.052
Waste Quantity:	104
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071228

Map ID  
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EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 003303915JJK  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTR000007708  
Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: D007  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.011  
Waste Quantity: 22  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071228  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 003303915JJK  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTR000007708  
Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.1185  
Waste Quantity: 237  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071228  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 003303915JJK  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTR000007708  
Trans 2 Name: SLT EXPRESSWAY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: D001  
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel  
Quantity Tons: 0.0135  
Waste Quantity: 27  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2005  
Gen EPA ID: CA8210020832

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5)  
RCRA Code: D002  
Meth Code: - Not reported  
Quantity Tons: 0.063  
Waste Quantity: 126  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182430  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: NONE  
Meth Code: - Not reported



Map ID  
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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Quantity Tons:	0.0495
Waste Quantity:	99
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	24182412
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	24182412
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
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MAP FINDINGS

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EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: 0.006  
Waste Quantity: 12  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177

Map ID  
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MAP FINDINGS

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**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 24182412  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: NONE  
Meth Code: - Not reported  
Quantity Tons: 0.06  
Waste Quantity: 120  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**Additional Info:**

Year: 2013  
Gen EPA ID: CA8210020832

Shipment Date: 20131221  
Creation Date: 5/14/2014 22:15:08  
Receipt Date: 20131230  
Manifest ID: 010191220JJK  
Trans EPA ID: CAR000171017  
Trans Name: FREMOUW ENVIRONMENTAL SERVICES INC  
Trans 2 EPA ID: CAR000175422  
Trans 2 Name: WORLDWIDE RECOVERY SYSTEM INC  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: Not reported  
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
  
Quantity Tons: 0.273  
Waste Quantity: 65  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 5:	Not reported
Shipment Date:	20131113
Creation Date:	1/12/2014 22:15:07
Receipt Date:	20131114
Manifest ID:	006753530FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.4
Waste Quantity:	4800
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Code Description: 281 - Adhesives  
RCRA Code: D001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20131106  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 006753541FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: TXR000081205  
Trans 2 Name: SAFETY KLEEN SYSTEMS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20131106  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 006753541FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: TXR000081205  
Trans 2 Name: SAFETY KLEEN SYSTEMS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.009  
Waste Quantity: 18  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006753541FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	TXR000081205
Trans 2 Name:	SAFETY KLEEN SYSTEMS INC
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.091
Waste Quantity:	182
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Info:

Year:	1998
Gen EPA ID:	CA8210020832
Shipment Date:	19981223
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981224
Manifest ID:	98454803
Trans EPA ID:	CAD982484370
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009466392
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009466392
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	10
Waste Quantity:	20000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981223
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981224
Manifest ID:	98454805
Trans EPA ID:	CAD982484370
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009466392
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009466392
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.275
Waste Quantity:	12550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981223
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981224
Manifest ID:	98454804
Trans EPA ID:	CAD982484370

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD009466392  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD009466392  
TSDf Alt Name: Not reported  
Waste Code Description: 512 - Other empty containers 30 gallons or more  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 12  
Waste Quantity: 24000  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981223  
Creation Date: 2/8/1999 0:00:00  
Receipt Date: 19981223  
Manifest ID: 98454802  
Trans EPA ID: CAD982484370  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD009466392  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD009466392  
TSDf Alt Name: Not reported  
Waste Code Description: 512 - Other empty containers 30 gallons or more  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 1  
Waste Quantity: 2000  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981223  
Creation Date: 2/8/1999 0:00:00  
Receipt Date: 19981223  
Manifest ID: 98454800  
Trans EPA ID: CAD982484370  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD009466392  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD009466392  
TSDf Alt Name: Not reported  
Waste Code Description: 512 - Other empty containers 30 gallons or more  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Meth Code:	R01 - Recycler
Quantity Tons:	10
Waste Quantity:	20000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981223
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981223
Manifest ID:	98454801
Trans EPA ID:	CAD982484370
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009466392
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD009466392
TSDf Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	10
Waste Quantity:	20000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981221
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98838711
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD059494310
TSDf Alt Name:	Not reported
Waste Code Description:	281 - Adhesives
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Shipment Date: 19981221  
Creation Date: 4/20/1999 0:00:00  
Receipt Date: 19981228  
Manifest ID: 98838711  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: SCD987574647  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD059494310  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D001  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981221  
Creation Date: 4/20/1999 0:00:00  
Receipt Date: 19981228  
Manifest ID: 98838711  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: SCD987574647  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD059494310  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.067  
Waste Quantity: 134  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19981221  
Creation Date: 4/20/1999 0:00:00  
Receipt Date: 19981228  
Manifest ID: 98838711  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: SCD987574647  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: Not reported  
TSDf Alt EPA ID: CAD059494310  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D002  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.0675  
Waste Quantity: 135  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2014  
Gen EPA ID: CA8210020832

Shipment Date: 20141113  
Creation Date: 1/15/2015 22:14:55  
Receipt Date: 20141121  
Manifest ID: 013783520JJK  
Trans EPA ID: CAR000147025  
Trans Name: FUTURE ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD982042475  
Trans Name: RECOLOGY HAY ROAD  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 151 - Asbestos-containing waste  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.23  
Waste Quantity: 1  
Quantity Unit: Y  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20140905  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 007484068FLE  
Trans EPA ID: NVR000089375  
Trans Name: DOUBLE BARREL ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: CAR000221820  
Trans 2 Name: DOUBLE BARREL ENVIRONMENTAL SERVICES  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY NEVADA INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	2/12/2015 22:14:58
Receipt Date:	20140925
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.172
Waste Quantity:	344
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	2/12/2015 22:14:58
Receipt Date:	20140925
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.104
Waste Quantity:	208
Quantity Unit:	P
Additional Code 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	2/12/2015 22:14:58
Receipt Date:	20140925
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0495
Waste Quantity:	99
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	2/26/2015 22:14:59
Receipt Date:	20140930
Manifest ID:	007483974FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDf EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LL
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.599
Waste Quantity:	1198
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Receipt Date:	Not reported
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4105
Waste Quantity:	821
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	2/12/2015 22:14:58
Receipt Date:	20140925
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140905
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007484068FLE
Trans EPA ID:	NVR000089375
Trans Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000221820
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1805
Waste Quantity:	361
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2016
Gen EPA ID:	CA8210020832
Shipment Date:	20150220
Creation Date:	8/21/2015 22:15:46
Receipt Date:	20150317
Manifest ID:	006020570FLE
Trans EPA ID:	CAR000247189
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1999  
Gen EPA ID: CA8210020832

Shipment Date: 19991220  
Creation Date: 2/28/2000 0:00:00  
Receipt Date: 19991229  
Manifest ID: 99536250  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: SCR000074591  
Trans 2 Name: Not reported  
TSDf EPA ID: CA0000084517  
Trans Name: Not reported  
TSDf Alt EPA ID: CA0000084517  
TSDf Alt Name: Not reported  
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.  
RCRA Code: F005  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.018  
Waste Quantity: 36  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19991216  
Creation Date: 4/4/2000 0:00:00  
Receipt Date: 19991216  
Manifest ID: 99450247  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: Not reported  
TSDf Alt EPA ID: HAHQ36005487  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D006  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.0005  
Waste Quantity: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991216
Manifest ID:	99450247
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	HAHQ36005487
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99450248
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD980675276
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.44
Waste Quantity:	880
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	3/7/2000 0:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Receipt Date:	19991222
Manifest ID:	99450248
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD980675276
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.5875
Waste Quantity:	1175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991216
Manifest ID:	99450247
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	HAHQ36005487
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	4/4/2000 0:00:00
Receipt Date:	19991216
Manifest ID:	99450247
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	HAHQ36005487

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.255  
Waste Quantity: 510  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19991216  
Creation Date: 3/7/2000 0:00:00  
Receipt Date: 19991222  
Manifest ID: 99450248  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: CAT000624247  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD980675276  
Trans Name: Not reported  
TSDF Alt EPA ID: CAD980675276  
TSDF Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: T01 - Treatment, Tank  
Quantity Tons: 0.12  
Waste Quantity: 240  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19991216  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 99450247  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD059494310  
Trans Name: Not reported  
TSDF Alt EPA ID: HAHQ36005487  
TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.0355  
Waste Quantity: 71  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991216
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99450247
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	Not reported
TSDf Alt EPA ID:	HAHQ36005487
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1575
Waste Quantity:	315
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1996
Gen EPA ID:	CA8210020832
Shipment Date:	19961231
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19970107
Manifest ID:	96435051
Trans EPA ID:	CAD009466392
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982524480
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961226

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Creation Date: 5/20/1997 0:00:00  
Receipt Date: 19961226  
Manifest ID: 96360415  
Trans EPA ID: ILD984908202  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613968  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.2126  
Waste Quantity: 51  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961226  
Creation Date: 5/21/1997 0:00:00  
Receipt Date: 19970107  
Manifest ID: 96650020  
Trans EPA ID: CAL000827834  
Trans Name: Not reported  
Trans 2 EPA ID: CAD982524480  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD028409019  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0  
Waste Quantity: 0  
Quantity Unit: Not reported  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961226  
Creation Date: 5/21/1997 0:00:00  
Receipt Date: 19970107  
Manifest ID: 96650020  
Trans EPA ID: CAL000827834  
Trans Name: Not reported  
Trans 2 EPA ID: CAD982524480  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD028409019  
Trans Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961226
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961226
Manifest ID:	96591685
Trans EPA ID:	CAL000827834
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982042475
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982042475
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961226
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961226
Manifest ID:	96360415
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961218
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	95980467
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961223
Manifest ID:	96112120
Trans EPA ID:	MOD095038998
Trans Name:	Not reported
Trans 2 EPA ID:	MDD980554653
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961223
Manifest ID:	96112120

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans EPA ID: MOD095038998  
Trans Name: Not reported  
Trans 2 EPA ID: MDD980554653  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D009  
Meth Code: - Not reported  
Quantity Tons: 0.005  
Waste Quantity: 10  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19961212  
Creation Date: 5/30/1997 0:00:00  
Receipt Date: 19961223  
Manifest ID: 96112121  
Trans EPA ID: MOD095038998  
Trans Name: Not reported  
Trans 2 EPA ID: MDD980554653  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: 0.0015  
Waste Quantity: 3  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2006  
Gen EPA ID: CA8210020832

Shipment Date: 20061214  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000357359FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.0045  
Waste Quantity: 9  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061214  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000357359FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.0165  
Waste Quantity: 33  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061214  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000357359FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.089  
Waste Quantity: 178  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061214
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000357359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.023
Waste Quantity:	46
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061214
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000357359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.5505
Waste Quantity:	1101
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061214
Creation Date:	Not reported
Receipt Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Manifest ID:	000357359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1185
Waste Quantity:	237
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061214
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000357359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.1505
Waste Quantity:	301
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061214
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000357359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	UTD988074712
Trans 2 Name:	TW COMPANY
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.2955  
Waste Quantity: 591  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061214  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000357359FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.0235  
Waste Quantity: 47  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20061214  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000357359FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: UTD988074712  
Trans 2 Name: TW COMPANY  
TSDf EPA ID: UTD981552177  
Trans Name: CLEAN HARBORS ARAGONITE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.016  
Waste Quantity: 32  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2004  
Gen EPA ID: CA8210020832

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.131  
Waste Quantity: 262  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: D008  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.004  
Waste Quantity: 8  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 151 - Asbestos-containing waste  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.09  
Waste Quantity: 180  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.0565  
Waste Quantity: 113  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported



Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: D99 - Disposal, Other  
Quantity Tons: 0.0375  
Waste Quantity: 75  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.063  
Waste Quantity: 126  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 23535169  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.037  
Waste Quantity: 74  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23535169
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5115
Waste Quantity:	1023
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23535169
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	23535169
Trans EPA ID:	MAD039322250

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	1995
Gen EPA ID:	CA8210020832
Shipment Date:	19951229
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951229
Manifest ID:	95825491
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613968
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3044
Waste Quantity:	73
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951229
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951229
Manifest ID:	95825491
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613968
Trans Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt EPA ID: CAT000613968  
TSDf Alt Name: Not reported  
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.271  
Waste Quantity: 65  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19951221  
Creation Date: 10/9/1996 0:00:00  
Receipt Date: 19960105  
Manifest ID: 95726404  
Trans EPA ID: OKD981605363  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: 0.3065  
Waste Quantity: 613  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19951221  
Creation Date: 10/9/1996 0:00:00  
Receipt Date: 19960105  
Manifest ID: 95726405  
Trans EPA ID: OKD981605363  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: - Not reported  
Quantity Tons: 0.0885  
Waste Quantity: 177  
Quantity Unit: P  
Additional Code 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960105
Manifest ID:	95726405
Trans EPA ID:	OKD981605363
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960105
Manifest ID:	95726405
Trans EPA ID:	OKD981605363
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960105
Manifest ID:	95726405

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans EPA ID:	OKD981605363
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960105
Manifest ID:	95726406
Trans EPA ID:	OKD981605363
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951221
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960105
Manifest ID:	95726406
Trans EPA ID:	OKD981605363
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.0015  
Waste Quantity: 3  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19951221  
Creation Date: 10/9/1996 0:00:00  
Receipt Date: 19960105  
Manifest ID: 95726406  
Trans EPA ID: OKD981605363  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 291 - Latex waste  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.1805  
Waste Quantity: 361  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 1997  
Gen EPA ID: CA8210020832

Shipment Date: 19971222  
Creation Date: 7/23/1998 0:00:00  
Receipt Date: 19980305  
Manifest ID: 97314177  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: NED001792910  
Trans 2 Name: Not reported  
TSDf EPA ID: TND000614321  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 1.9785  
Waste Quantity: 3957  
Quantity Unit: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980212
Manifest ID:	97314163
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	97314176
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD980675276
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.4815
Waste Quantity:	963
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19971223



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Manifest ID: 97314176  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD980675276  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: T01 - Treatment, Tank  
Quantity Tons: 0.425  
Waste Quantity: 850  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19971219  
Creation Date: 3/31/1998 0:00:00  
Receipt Date: 19971223  
Manifest ID: 97314175  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD980675276  
TSDf Alt Name: Not reported  
Waste Code Description: 291 - Latex waste  
RCRA Code: Not reported  
Meth Code: T01 - Treatment, Tank  
Quantity Tons: 1.322  
Waste Quantity: 2644  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 19971219  
Creation Date: 3/31/1998 0:00:00  
Receipt Date: 19971223  
Manifest ID: 97314175  
Trans EPA ID: CAT000624247  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: Not reported  
TSDf Alt EPA ID: CAD980675276  
TSDf Alt Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.454
Waste Quantity:	908
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	97314175
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD980675276
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.351
Waste Quantity:	2702
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980212
Manifest ID:	97314171
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980212
Manifest ID:	97314171
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D003
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971219
Creation Date:	4/16/1998 0:00:00
Receipt Date:	19980212
Manifest ID:	97314171
Trans EPA ID:	CAT000624247
Trans Name:	Not reported
Trans 2 EPA ID:	NED001792910
Trans 2 Name:	Not reported
TSDf EPA ID:	TND000614321
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2000
Gen EPA ID:	CA8210020832
Shipment Date:	20001227
Creation Date:	3/22/2001 0:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Receipt Date:	20010105
Manifest ID:	20237410
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0635
Waste Quantity:	127
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20010111
Manifest ID:	20237545
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20010111
Manifest ID:	20237545
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1105  
Waste Quantity: 221  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20001227  
Creation Date: 4/9/2001 0:00:00  
Receipt Date: 20010122  
Manifest ID: 20237547  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: CAD981634116  
Trans 2 Name: Not reported  
TSDF EPA ID: TND000772186  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: F003  
Meth Code: - Not reported  
Quantity Tons: 0.257  
Waste Quantity: 514  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20001227  
Creation Date: 3/22/2001 0:00:00  
Receipt Date: 20010105  
Manifest ID: 20237577  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080033681  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT080033681  
TSDF Alt Name: Not reported  
Waste Code Description: 343 - Unspecified organic liquid mixture  
RCRA Code: D002  
Meth Code: T01 - Treatment, Tank  
Quantity Tons: 0.0275  
Waste Quantity: 55  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010105
Manifest ID:	20237577
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.0155
Waste Quantity:	31
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001227
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010105
Manifest ID:	20237577
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.424
Waste Quantity:	848
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001205
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001206
Manifest ID:	20556951
Trans EPA ID:	CAD028277036

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 3.724  
Waste Quantity: 980  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20001122  
Creation Date: 3/6/2001 0:00:00  
Receipt Date: 20001208  
Manifest ID: 20556945  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 561 - Not reported  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.007  
Waste Quantity: 14  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20001108  
Creation Date: 1/9/2001 0:00:00  
Receipt Date: 20001127  
Manifest ID: 99577500  
Trans EPA ID: CAR000002774  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ALD983167891  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 261 - Not reported  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.5851  
Waste Quantity: 531  
Quantity Unit: K  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2015  
Gen EPA ID: CA8210020832

Shipment Date: 20150220  
Creation Date: 8/21/2015 22:15:46  
Receipt Date: 20150317  
Manifest ID: 006020570FLE  
Trans EPA ID: CAR000247189  
Trans Name: ENV ENVIRONMENTAL INTERNATIONAL  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2010  
Gen EPA ID: CA8210020832

Shipment Date: 20101227  
Creation Date: 2/23/2011 18:30:25  
Receipt Date: 20101228  
Manifest ID: 000068172MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

RCRA Code: D008  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.404  
Waste Quantity: 808  
Quantity Unit: P  
Additional Code 1: D006  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101227  
Creation Date: 2/23/2011 18:30:25  
Receipt Date: 20101228  
Manifest ID: 000068173MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D008  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.19  
Waste Quantity: 380  
Quantity Unit: P  
Additional Code 1: D006  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101227  
Creation Date: 2/23/2011 18:30:25  
Receipt Date: 20101228  
Manifest ID: 000068173MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D008  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional Code 1: D006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101227
Creation Date:	2/23/2011 18:30:25
Receipt Date:	20101228
Manifest ID:	000068172MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101117
Creation Date:	1/12/2011 18:30:38
Receipt Date:	20101124
Manifest ID:	006445062JJK
Trans EPA ID:	CAR000159665
Trans Name:	PARC SPECIALTY CONTRACTORS
Trans 2 EPA ID:	CAR000177527
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDf EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101108
Creation Date:	1/3/2011 18:31:10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Receipt Date: 20101112  
Manifest ID: 005578912JJK  
Trans EPA ID: CAR000177527  
Trans Name: PHILIP WEST INDUSTRIAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000646117  
Trans Name: CHEMICAL WASTE MANAGEMENT INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 4.13  
Waste Quantity: 8260  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20101104  
Creation Date: 1/3/2011 18:31:17  
Receipt Date: 20101111  
Manifest ID: 000065339MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D011  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0025  
Waste Quantity: 5  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20101104  
Creation Date: 1/3/2011 18:31:17  
Receipt Date: 20101111  
Manifest ID: 000065339MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: CAD059494310

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D008  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0025  
Waste Quantity: 5  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101104  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000065338MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: TXD982290140  
Trans Name: CLEAN HARBORS LAPORTE LP  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H121 - Neutralization Only  
Quantity Tons: 0.01  
Waste Quantity: 20  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20101104  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000065338MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENV SVCS INC  
TSDf EPA ID: TXD982290140  
Trans Name: CLEAN HARBORS LAPORTE LP  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H121 - Neutralization Only  
Quantity Tons: 0.01  
Waste Quantity: 20

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2003  
Gen EPA ID: CA8210020832

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 22813242  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.536  
Waste Quantity: 1072  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: Not reported  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 22457536  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.035  
Waste Quantity: 70  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22457536
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1415
Waste Quantity:	283
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	Not reported
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	22813242
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031211
Creation Date:	8/13/2004 7:53:20
Receipt Date:	20031220
Manifest ID:	23338817
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D001  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.042  
Waste Quantity: 84  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20031211  
Creation Date: 8/13/2004 7:53:20  
Receipt Date: 20031220  
Manifest ID: 23338817  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 214 - Unspecified solvent mixture  
RCRA Code: D001  
Meth Code: R01 - Recycler  
Quantity Tons: 0.011  
Waste Quantity: 22  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20031211  
Creation Date: 8/13/2004 7:53:20  
Receipt Date: 20031220  
Manifest ID: 23338817  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.017

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Waste Quantity: 34  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20031211  
Creation Date: 8/13/2004 7:53:20  
Receipt Date: 20031220  
Manifest ID: 23338817  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.126  
Waste Quantity: 252  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20031211  
Creation Date: 8/19/2004 11:23:00  
Receipt Date: 20031223  
Manifest ID: 23338818  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: D/K ENVIRONMENTAL  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 151 - Asbestos-containing waste  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.22  
Waste Quantity: 440  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20031211



Map ID  
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Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Creation Date: 8/19/2004 11:23:00  
Receipt Date: 20031223  
Manifest ID: 23338818  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: D/K ENVIRONMENTAL  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 291 - Latex waste  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 0.0425  
Waste Quantity: 85  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2017  
Gen EPA ID: CA8210020832

Shipment Date: 20170523  
Creation Date: 7/24/2018 18:30:51  
Receipt Date: 20170607  
Manifest ID: 000670672WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC- TS HAYWARD  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170523  
Creation Date: 7/17/2018 18:30:28  
Receipt Date: 20170616  
Manifest ID: 000670673WAS  
Trans EPA ID: IND058484114

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000516211
Trans 2 Name:	SALT RIVER EXTRACTION
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170523
Creation Date:	7/24/2018 18:30:51
Receipt Date:	20170607
Manifest ID:	000670672WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170523
Creation Date:	7/24/2018 18:30:51
Receipt Date:	20170607
Manifest ID:	000670672WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Waste Code Description: 343 - Unspecified organic liquid mixture  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.034  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2008  
Gen EPA ID: CA8210020832

Shipment Date: 20081125  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 002200661FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0035  
Waste Quantity: 7  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20081125  
Creation Date: 2/4/2009 18:30:08  
Receipt Date: 20081201  
Manifest ID: 002200661FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D035  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)

S112836628

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135)
Waste Quantity:	0.0295
Quantity Unit:	59
Additional Code 1:	P
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.718
Waste Quantity:	1436
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.722
Waste Quantity:	1444
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.039
Waste Quantity:	78
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0025  
Waste Quantity: 5  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20081125  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 002200661FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0175  
Waste Quantity: 35  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20081125  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 002200661FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002200661FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2009
Gen EPA ID:	CA8210020832
Shipment Date:	20091125
Creation Date:	2/3/2010 18:30:55
Receipt Date:	20091202
Manifest ID:	000023137MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.73  
Waste Quantity: 1460  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20091125  
Creation Date: 2/3/2010 18:30:55  
Receipt Date: 20091202  
Manifest ID: 000023137MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.021  
Waste Quantity: 42  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20091117  
Creation Date: 2/3/2010 18:30:49  
Receipt Date: 20091117  
Manifest ID: 000022944MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD980675276  
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 7.65  
Waste Quantity: 15300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091116
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091117
Manifest ID:	000023145MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091109
Creation Date:	6/29/2010 18:30:32
Receipt Date:	20091130
Manifest ID:	000022953MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERV
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.076
Waste Quantity:	152
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000022954MWI

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0185  
Waste Quantity: 37  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20091106  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000022954MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 281 - Adhesives  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.017  
Waste Quantity: 34  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20091106  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000022954MWI  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENV SVCS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE LLC  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5)
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0255
Waste Quantity:	51
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000022954MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000022954MWI
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SVCS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0525
Waste Quantity:	105

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Quantity Unit: P  
Additional Code 1: D007  
Additional Code 2: D001  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

ICE:

Envirostor ID: 3000739  
Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Address: ROTH ROAD BLDG S-4  
City,State,Zip: LATHROP, CA 95331  
EPA ID: CA8210020832  
Site Type: INSPECTION  
Facility Status: No Action

Inspection:

Action Type: Compliance Evaluation Inspection - Generator  
Action Date: 05/16/2017  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 06/24/2004  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Generator  
Action Date: 03/25/2010  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 03/24/2005  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 03/26/2002  
Violation Class: Class 2, Minor  
RTC Date: 07/17/2002

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 02/04/2003  
Violation Class: Class 2, Minor  
RTC Date: 05/26/2004

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 04/26/2001  
Violation Class: No Violations  
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Action Date: 03/29/2000  
Violation Class: No Violations  
RTC Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

HWP:

EPA ID: CA8210020832  
Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Address: ROTH ROAD BLDG S-4  
Cleanup Status: UNDERGOING CLOSURE  
Latitude: 37.83498  
Longitude: -121.2691  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Supervisor: Not reported  
Site Code: 100499  
Senate District: 05  
Assembly District: 12  
Public Information Officer: Not reported  
Commercial Offsite Facility Types: Not reported  
Quarterly Update: DDRW-Sharpe is located in San Joaquin County, California, approximately 10 miles south of the city of Stockton in the town of Lathrop, near Interstate 5 and Roth Road. DDRW-Sharpe occupies approximately 725 acres of land and was formed to consolidate and streamline logistical operations among military supply depots in northern California. DDRW-Sharpe received and stored supplies that were purchased and distributed them to all branches of the military services in the western United States. Operations at DDRW-Sharpe generate various types of hazardous wastes which are stored in containers on-site in Building 605. When a sufficient quantity of hazardous waste has accumulated, a contractor transfers the waste off-site to an approved treatment and/or disposal facility. The Hazardous Waste Facility Permit for this facility was effective on January 12, 1998 and expires on January 12, 2008. The RCRA Closure Plan for Building 605, which was part of Part B permit application, was submitted on February 20, 2004. On May 14, 2004, DTSC indicated that the closure plan was approved. On November 4, 2004, DTSC received the closure certification report from the facility. On July 12, 2005, DTSC commented on the closure certification report indicating the additional work needed to be implemented. At this time, DTSC and DDRW-Sharpe are negotiating of what additional work needs to be implemented in order to certify closure of the site.

Project Manager Lead: Not reported  
Project Manager: Not reported  
Permit Type: RCRA  
Permit Effective Date: Not reported  
Permit Expiration Date: Not reported  
Calenviroscreen Score: 96-100% (highest scores)  
Total Planned Hours: Not reported  
Total Planned Amount: Not reported  
Total Actual Hours: Not reported

Activities:

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: This is the date the permit was signed. The effective date is 1/12/98., This is the date the permit was signed. The effective date is 1/12/98.

Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL  
Actual Date: 12/12/1997

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)  
Actual Date: 08/20/1985

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - TECHNICAL COMPLETE LETTER  
Actual Date: 02/20/1997

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - APPLICATION PART B RECEIVED  
Actual Date: 07/30/1996

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)  
Actual Date: 04/26/1985

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: This is the date the permit was signed. The effective date is 1/12/98., This is the date the permit was signed. The effective date is 1/12/98.  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL (EXPIRES)  
Actual Date: 01/12/2008

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - FINAL PERMIT  
Actual Date: 08/20/1985  
  
EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - CALL-IN LETTER ISSUED  
Actual Date: 04/30/1981  
  
EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - CALL-IN LETTER ISSUED  
Actual Date: 07/01/1996  
  
EPA ID: CA8210020832



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)  
Actual Date: 08/20/1995

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: This is the date the permit was signed. The effective date is 1/12/98., This is the date the permit was signed. The effective date is 1/12/98.  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL (EFFECTIVE)  
Actual Date: 01/12/1998

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Renewal - Historical  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1997-12-12 00:00:00  
Type: RCRA  
Title Description: PERMIT3  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Renewal - Historical - PUBLIC COMMENT (BEGIN)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Actual Date: 09/04/1997

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: New Operating Permit  
Permit Being Renewed: Not reported  
Permit Being Modified: Not reported  
Final Date: 1985-08-20 00:00:00  
Type: RCRA  
Title Description: PERMIT1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN1-Building 605 (GPRA Unit), CONTAIN2-Building 530 (GPRA Unit), TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 07/15/1982

**Closure:**

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE2  
Due Date: Not reported  
Comments: The closure plan was approved and went through public notice during the permitting process.  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Closure - CLOSURE PLAN RECEIVED  
Actual Date: 01/12/1998

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE2  
Due Date: Not reported  
Comments: This is for RCRA-B Bldg 605. There was pesticide waste found 6 feet underneath the building, but did not come from the building. It is due

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

to site wide activities. Site Mite is working on a LUC for commercial industrial use.ps 3/9/09

Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Closure - ISSUE CLOSURE VERIFICATION  
Actual Date: 02/25/2009

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE1  
Due Date: Not reported  
Comments: Not reported

Unit Names: CONTAIN2-Building 530 (GPRA Unit)  
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION  
Actual Date: 06/30/1985

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE1  
Due Date: Not reported  
Comments: CONTAIN2 CLOSED, CONTAIN1 IS STILL ACTIVE. UNCERTAIN ABOUT THE TANK STORAGE AREAS. KWONG 19990708.11:26S

Unit Names: CONTAIN2-Building 530 (GPRA Unit)  
Event Description: Closure - ISSUE CLOSURE VERIFICATION  
Actual Date: 02/09/1996

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE1  
Due Date: Not reported  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Unit Names: CONTAIN2-Building 530 (GPRA Unit)  
Event Description: Closure - CLOSURE PLAN APPROVED  
Actual Date: 10/05/1984

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE1  
Due Date: Not reported  
Comments: Not reported  
Unit Names: CONTAIN2-Building 530 (GPRA Unit)  
Event Description: Closure - CLOSURE PLAN RECEIVED  
Actual Date: 06/04/1984

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE2  
Due Date: Not reported  
Comments: The closure plan was approved in the current permit.  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Closure - CLOSURE PLAN APPROVED  
Actual Date: 01/12/1998

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Closure  
Final Date: Not reported  
Type: RCRA  
Title Description: CLOSURE2  
Due Date: Not reported  
Comments: This is for the amended Closure Certification Report for RCRA-B Bldg 605.ps 3/4/09  
Unit Names: CONTAIN1-Building 605 (GPRA Unit)  
Event Description: Closure - RECEIVE CLOSURE CERTIFICATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Actual Date: 09/30/2008

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Facility Size: Not reported  
Facility Status: UNDERGOING CLOSURE  
Activity Type: Referred for closure to other agency  
Final Date: Not reported  
Type: Not reported  
Title Description: REFERRED TO CORRECTIVE ACTION  
Due Date: Not reported  
Comments: Not reported  
Unit Names: TANKSTR1-348 and 349 (GPRA Unit), TANKTRT1-348 and 349 (GPRA Unit)  
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY

Actual Date: 08/07/2013

Alias:

EPA ID: CA8210020832  
Facility Type: Historical - Non-Operating  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Facility Status: UNDERGOING CLOSURE  
Project Manager: Not reported  
Project Manager Lead: Not reported  
Supervisor: Not reported  
Alias Type: Project Code (Site Code)  
Alias: 100499

CERS:

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Address: ROTH ROAD BLDG S-4  
City,State,Zip: LATHROP, CA 953310000  
Site ID: 243565  
CERS ID: CA8210020832  
CERS Description: Hazardous Waste

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-04-2003  
Violations Found: Yes  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Return To Compliance: 2004-05-26 00:00:00

Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-24-2005  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-25-2010  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Generator  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-26-2002  
Violations Found: Yes  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Return To Compliance: 2002-07-17 00:00:00  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-29-2000  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-26-2001  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-16-2017  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Generator  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF  
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-24-2004  
Violations Found: No  
Eval Type: DTSC Compliance Evaluation Inspection  
Eval Notes: Compliance Evaluation Inspection - Treatment, Storage and Disposal  
Eval Division: Department of Toxic Substances Control  
Eval Program: DTSC\_ENF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Eval Source: ENVSTORHAZ

**Affiliation:**

Affiliation Type Desc: Facility Owner  
Entity Name: DEFENSE DISTRIBUTION DEPOT SAN  
Entity Title: Not reported  
Affiliation Address: PO BOX 960001DES-JFE BLDG 235  
Affiliation City: STOCKTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 952960710  
Affiliation Phone: 2098394862

Affiliation Type Desc: Facility Contact  
Entity Name: Edward McNair  
Entity Title: Not reported  
Affiliation Address: PO BOX 96001 BLDG 235  
Affiliation City: STOCKTON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95296  
Affiliation Phone: 2098395539

**HWTS:**

Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Address: ROTH ROAD BLDG S-4  
Address 2: Not reported  
City,State,Zip: LATHROP, CA 953310000  
EPA ID: CA8210020832  
Inactive Date: 04/28/2015  
Create Date: 07/23/1982  
Last Act Date: 08/22/2016  
Mailing Name: Not reported  
Mailing Address: PO BOX 960001  
Mailing Address 2: BLDG 235  
Mailing City,State,Zip: STOCKTON, CA 952960710  
Owner Name: DEFENSE DISTRIBUTION DEPOT SAN  
Owner Address: PO BOX 960001  
Owner Address 2: DES-JFE BLDG 235  
Owner City,State,Zip: STOCKTON, CA 952960710  
Contact Name: EDWARD MCNAIR  
Contact Address: PO BOX 96001 BLDG 235  
Contact Address 2: Not reported  
City,State,Zip: STOCKTON, CA 95296

**NAICS:**

EPA ID: CA8210020832  
Create Date: 2002-03-14 16:36:26.000  
NAICS Code: 92119  
NAICS Description: Other General Government Support  
Issued EPA ID Date: 1982-07-23 00:00:00  
Inactive Date: 2015-04-28 00:00:00  
Facility Name: DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE  
Facility Address: ROTH ROAD BLDG S-4  
Facility Address 2: Not reported  
Facility City: LATHROP

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEFENSE DISTRIBUTION DEPOT SAN JOAQUIN - SHARPE SITE (Continued)**

**S112836628**

Facility County: Not reported  
 Facility State: CA  
 Facility Zip: 953310000

**19  
 NW  
 1/2-1  
 0.729 mi.  
 3847 ft.**

**SHARPE ARMY DEPOT  
 60 MI EA OF SAN FRANCISCO, CA  
 LATHROP, CA 95331**

**ENVIROSTOR S118756917  
 N/A**

**Relative:  
 Lower**

ENVIROSTOR:

**Actual:  
 22 ft.**

Name: SHARPE ARMY DEPOT  
 Address: 60 MI EA OF SAN FRANCISCO, CA  
 City,State,Zip: LATHROP, CA 95331  
 Facility ID: 39970002  
 Status: Active  
 Status Date: 05/01/1986  
 Site Code: 100131  
 Site Type: Federal Superfund  
 Site Type Detailed: Open Base  
 Acres: 727  
 NPL: YES  
 Regulatory Agencies: SMBRP, RWQCB 5S - Central Valley, US EPA  
 Lead Agency: US EPA  
 Program Manager: Michael Darrett  
 Supervisor: Sam V. Martinez  
 Division Branch: Cleanup Legacy Landfills  
 Assembly: 12  
 Senate: 05  
 Special Program: DSMOA  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: DERA  
 Latitude: 37.84  
 Longitude: -121.2686  
 APN: NONE SPECIFIED  
 Past Use: TRANSPORTATION - WAREHOUSING  
 Potential COC: Arsenic Benzene Chlordane DDD DDE DDT Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Carbon tetrachloride Chloroform Chromium III Chromium VI Dieldrin Nitrate Polynuclear aromatic hydrocarbons (PAHs Thallium and compounds  
 Confirmed COC: Arsenic Benzene Chlordane DDD DDE DDT Lead Nitrate Polynuclear aromatic hydrocarbons (PAHs Thallium and compounds Tetrachloroethylene (PCE TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Chloroform Chromium III Chromium VI Dieldrin Carbon tetrachloride  
 Potential Description: AQUI, OTH, SOIL, SV  
 Alias Name: DEFENSE DISTRIBUTION REGION WEST, SHARPE  
 Alias Type: Alternate Name  
 Alias Name: Defense Distribution San Joaquin CA (DDJC) Sharpe  
 Alias Type: Alternate Name  
 Alias Name: SHARPE AD - NORTH/SOUTH AREA  
 Alias Type: Alternate Name  
 Alias Name: SHARPE ARMY DEPOT  
 Alias Type: Alternate Name  
 Alias Name: SHARPE ARMY DEPOT (NORTH & SOUTH AREA)  
 Alias Type: Alternate Name



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Alias Name: SHARPE DEFENSE DISTRIBUTION REGION WEST  
Alias Type: Alternate Name  
Alias Name: SHARPE-DEFENSE DISTRIBUTION REGION WEST  
Alias Type: Alternate Name  
Alias Name: CA8210020832  
Alias Type: EPA Identification Number  
Alias Name: 110033605114  
Alias Type: EPA (FRS #)  
Alias Name: T0607700722  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700752  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700753  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700754  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700755  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700756  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700757  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700758  
Alias Type: GeoTracker Global ID  
Alias Name: T0607700759  
Alias Type: GeoTracker Global ID  
Alias Name: T0607705848  
Alias Type: GeoTracker Global ID  
Alias Name: P12063  
Alias Type: PCode  
Alias Name: 100131  
Alias Type: Project Code (Site Code)  
Alias Name: 39970002  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 12/09/2005  
Comments: This is a CVRWQCB deliverable and is not being commented on by DTSC. The document is specifically a Time Schedule Order which lists the Waste Discharge Requirements and Compliance Dates for specific constituents of concern.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 08/15/2006  
Comments: DTSC concurred with the Work Plans determinations and field procedures proposed for the excavation and off-site disposal of metals contaminated soil at Site S-26.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 10/24/2005  
Comments: DTSC reviewed and commented on Draft/Draft Final version.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 08/22/2005  
Comments: Report is made up of several workplans evaluating different aspects of NA.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Base / Site Management Plan  
Completed Date: 01/30/2006  
Comments: Outlines activities planned to evaluate alternatives to pump and treat groundwater remedy.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/25/2006  
Comments: DTSC received the Final DDJC-Sharpe 2005 Annual GW Monitoring/Progress Report on 5/23/2006. The Final report adequately addressed the department's comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Feasibility Study Workplan  
Completed Date: 12/22/2005  
Comments: The GW Monitoring Well Installation Work Plan discusses the planned installation of two ground water monitoring well clusters MW526 and MW528, located offsite to the west along the Central Area and North Balloon. The monitoring wells will provide additional ground water data to monitor the hydraulic capture of the TCE plumes.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/03/2005  
Comments: Document reviewed. Comments were not submitted for 2Q05 Quarterly GW Monitoring Report.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/27/2006  
Comments: Reviewed report.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 07/29/2005  
Comments: Approved

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 07/20/2005  
Comments: Approved

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 07/21/2005  
Comments: Concurred with determinations made from percolation pond testing.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 08/18/2005  
Comments: Monthly submittal on status of perc ponds

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/31/2007  
Comments: DTSC reserves comments for annual reports in agreement with DDJC.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/02/2007  
Comments: DTSC received the report on 5/2/07. DTSC has reviewed the report and will not be providing comments. Per agreement with installation, Agencies reserve comments for Annual GW Monitoring Reports.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/20/2008  
Comments: DTSCs comments on the Draft FFA Annual Progress Report were addressed in the Final FFA Annual Progress Report and therefore considered complete.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2008  
Comments: The Quarterly GW Monitoring Report are submitted as information only type documents. Regulatory agencies can review but reserve their comments for the Annual FFA Progress Reports.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 10/02/2006  
Comments: The Three Dimensional GW Modeling Report is a summary of the development of the numerical gw model. The GW model will be used to predict cleanup times, predict fate transport of chemicals, and used to help optimize the GW remediation system.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 07/27/2007  
Comments: DDJC-Sharpe submitted the 2Q07 Quarterly Monitoring Report on 7/27/07. The 2Q07 Quarterly Monitoring Report is for informational

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

purposes only. Agency comments are provided on the Annual GW Monitoring Reports, a summary and interpretation of four quarterly sampling events.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Workplan  
Completed Date: 06/18/2010  
Comments: This plan identifies the contaminants of concern (COCs), establishes notification, trigger, and action levels for the COCs, identifies off-depot potable water supply wells (PW) selected for monitoring under this contingency plan, and puts in place the response actions that will be taken if any of the above mentioned levels are exceeded.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 05/23/2007  
Comments: DTSC's comments were adequately addressed. DTSC concurs with work plan and proposed fieldwork.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 05/11/2007  
Comments: DDJC-Sharpe submitted the Final CRP on 9/24/07. DTSC's comments were adequately addressed in the plan.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/01/2007  
Comments: DTSC provided comments dated 4/28. DDJC-Sharpe's response to comments adequately addressed Department concerns, therefore DTSC concurs with the Final report's conclusions and determinations.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Record of Decision - Amendment  
Completed Date: 06/14/2011  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/01/2008  
Comments: 1Q08 Quarterly GW Monitoring Report was received on 5/1/08 and submitted as informational only type document. Agencies reserve comments for Annual Progress Reports, a summary of quarterly GW monitoring reports.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Feasibility Study Report  
Completed Date: 12/18/2019  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Report  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 02/13/2003  
Comments: PPP - BASWD -- Updated Community Relations Plan (CRP) describing the program that will be used to inform the community about environmental activities at DDJC - Sharpe.

Completed Area Name: MULTIPLE SITES  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedial Action Completion or Implementation  
Completed Date: 10/10/2000  
Comments: RMDL, S3329 Concurred with the remedial action conducted in the vicinity of site S-13/29 (burn pits) in the South Ballon Area. The action consisted of the excavation and off-site disposal of contaminated soils two feet below grade. Confirmatory activities conducted indicated that the ROD cleanup levels had been achieved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 04/05/2001  
Comments: PEA - NFA -- Concurrence with no further action determination for a total of 14 sites. 11 of the 14 sites contained soils contaminated with volatile organic compounds and three sites contained soils contaminated with metals.

Completed Area Name: SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedial or Removal Design  
Completed Date: 09/29/1997  
Comments: Not reported

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: \* Remedial Action Completion or Implementation  
Completed Date: 12/08/1999  
Comments: RMDL - SOILM -- Excavation and off-site disposal of contaminated soils two feet below grade which exceeded the cleanup standards of

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**SHARPE ARMY DEPOT (Continued)**

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1,000mg/kg of total lead and 300 mg/kg of total chromium.

Completed Area Name: MULTIPLE SITES  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedial or Removal Design  
Completed Date: 09/29/1997  
Comments: Not reported

Completed Area Name: MULTIPLE SITES  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedial Action Completion or Implementation  
Completed Date: 01/22/2001  
Comments: RMDL - SVE -- Concurrence that the SVE systems at 6 sites are operating properly and that continued long-term Operation and Maintenance activities are appropriate.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan  
Completed Date: 03/05/1996  
Comments: Supply and maintenance facility. Contaminants include VOCs, TCE, PCE, and Ar.

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: PEST  
Completed Document Type: Removal Action Completion Report  
Completed Date: 03/25/1997  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Removal Action Completion Report  
Completed Date: 05/31/1995  
Comments: RA - GW -- Completed construction and begin operation of Central Area Groundwater Treatment System.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Feasibility Study Report  
Completed Date: 12/14/1994  
Comments: RI/FS - BASWD -- The Final Basewide (BASWD) Remedial Investigation/Feasibility Study (RI/FS) was approved.

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: PEST  
Completed Document Type: Feasibility Study Report  
Completed Date: 10/04/1994  
Comments: RIFS - PEST -- DTSC concurred with the Removal Action Memorandum which outlines the removal action at the Pesticide Mix Area (PEST) which will consist of excavation and off-site disposal of pesticide (DDT and Chlordane) contaminated soils.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: \* Remedial or Removal Design  
Completed Date: 03/25/1994  
Comments: DES - GW -- DTSC approved the 100 percent Design for groundwater

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**SHARPE ARMY DEPOT (Continued)**

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(OU-1).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 02/17/1994  
Comments: RA - UGTSL -- Removal Action completed 12/27/93 (confirmation letter mailed 02/17/94). Removed and disposed off-site, approximately 3,000 cubic yards of contaminated soils. Soils were excavated during investigation of underground storage tank #27.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Remedial Action Plan  
Completed Date: 01/25/1993  
Comments: RAP - GW was completed on 1/25/93. Operable Unit 1 covers groundwater contamination. Remedial actions include (1) continued operation and modification of 2 existing GW extraction wells and (2) construction of a new system in the central area.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: \*Engineering Evaluation / Cost Analysis - Non-Time Critical  
Completed Date: 01/02/1992  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Removal Action Completion Report  
Completed Date: 08/14/1991  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: \*Engineering Evaluation / Cost Analysis - Non-Time Critical  
Completed Date: 10/31/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Remedial or Removal Design  
Completed Date: 10/31/1990  
Comments: FRIFS: North balloon.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 08/30/1989  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Removal Action Completion Report  
Completed Date: 04/30/1987  
Comments: Removal Action: Groundwater south balloon.

Completed Area Name: PROJECT WIDE

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**SHARPE ARMY DEPOT (Continued)**

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Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 02/09/1987  
Comments: Site Screening Done: Mitre Model required.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 09/23/2004  
Comments: DTSC concludes that DDJC-Sharpe's groundwater treatment system consists of 45 extraction wells coupled with three treatment plants equipped with air stripping towers to remove volatile organic compounds from the extracted water. The majority of treated effluent is used by the El Paso Energy cogeneration plant with excess treated effluent being discharged to the South San Joaquin County Irrigation District canal which is regulated by a National Pollutant Discharge Elimination System permit issued by the Regional Water Quality Control Board.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/09/2005  
Comments: Comments were addressed with slip pages.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 11/09/2005  
Comments: DTSC reviewed the TM and is awaiting results from the GW modeling to verify the importance or lack thereof with the continued operation of extraction well EWA1.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Workplan  
Completed Date: 03/10/2006  
Comments: The objective of the GW Salinity Investigation Work Plan is to characterize the horizontal and vertical distribution of saline ground water beneath DDJC-Sharpe. The work plan is intended to support the Response Completion Plan and its evaluation of the current remedy and support the development of an alternative remedy for DDJC-Sharpe.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 05/17/2006  
Comments: DTSC provided comments on the Technical Memorandum. Results will be used to support final remedy selection.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Tank Removal Workplan  
Completed Date: 03/28/2006  
Comments: DTSC provided cursory review of Report. DTSC will not provide formal comments on work plan since fuel constituents not a CERCLA release.



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**SHARPE ARMY DEPOT (Continued)**

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Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 10/02/2006  
Comments: DTSC provided comments on the Draft Final EW Optimization Work Plan for DDJC-Sharpe on 9/26/06. The Final EW Optimization Work Plan adequately addressed DTSC's comments and DTSC concurs with the Final EW Optimization Work Plan.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 06/26/2006  
Comments: DTSC provided comments on the Draft NA Investigation Results TM and concurs with the reports findings and determinations.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Workplan  
Completed Date: 05/22/2006  
Comments: DTSC commented on the Draft Site P-5A Investigation Work Plan and are awaiting the results from the fieldwork efforts.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Workplan  
Completed Date: 03/26/2008  
Comments: DTSC comments were incorporated into the draft final work plan. Work Plan is final.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 02/09/2007  
Comments: The field work plan is purely informational and is submitted as Final.  
Not reported

Completed Area Name: OU-2  
Completed Sub Area Name: Not reported  
Completed Document Type: Proposed Plan  
Completed Date: 03/19/2009  
Comments: Not reported

Completed Area Name: OU-2  
Completed Sub Area Name: P-5A  
Completed Document Type: Technical Report  
Completed Date: 12/14/2007  
Comments: Document was provided as informational only. Agencies will not be formally commenting on results TM.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 07/30/2008  
Comments: DTSC received the report on 7/30/08 submitted as informational only type document.

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**SHARPE ARMY DEPOT (Continued)**

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Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2009  
Comments: DTSC received the report on 1/30/09. The quarterly GW monitoring report was submitted as informational only document. DTSC did not comment on the 4Q08 Quarterly Monitoring Report.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 01/31/2008  
Comments: The Final OU2 Metals Remedial Action Report (RAR) for Sites S-26, Area 6 was received by DTSC on February 6, 2008. The RAR documented the removal of 116 tons of lead and chromium contaminated soil with concentrations above the revised industrial soil cleanup levels.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Workplan  
Completed Date: 06/05/2007  
Comments: DTSC commented on the Work Plan in a letter dated 3/21/2007. DDJC-Sharpe adequately addressed the Department's comments and incorporated these responses into the Final CPT Investigation Work Plan dated 6/1/07. DTSC concurs with the work plans proposed ground water investigation.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 01/25/2008  
Comments: DTSC provided comments on the TM dated 9/27/07. The Salinity Investigation Results TM was finalized on 1/25/2008 incorporating agency comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 09/18/2007  
Comments: DTSC prepared comments on the Focused Ground Water Extraction Test Summary Report dated 9/18/2007.

Completed Area Name: OU-2  
Completed Sub Area Name: P-5A  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 09/30/2008  
Comments: Work Plan adequately addressed agency comments in the response to agency comments and therefore the WP is considered final. Technical Memorandum will be submitted presenting results from fieldwork efforts.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 09/24/2009  
Comments: DTSC accepted the final version of the DDJC-Sharpe Second Five-Year Review Report. The signature page is being distributed for

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**SHARPE ARMY DEPOT (Continued)**

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stakeholder signatures starting with the DESJC, followed by USEPA and the State.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 08/14/2008  
Comments: Technical Memorandum submitted as informational only type document for agency review.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 01/09/2009  
Comments: DDJC-Sharpe submitted the TM on 1/9/09 to the Web-Ex website for regulatory review. The TM was submitted as informational only type document summarizing the optimization of 36 extraction wells to 15 and the performance results from operation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/01/2009  
Comments: DTSC accepted the final 2008 Annual Progress Report for DDJC-Sharpe.

Completed Area Name: OU-2  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 10/27/2009  
Comments: CPT report completed. DTSC concurred with reports determinations and proposed actions.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 10/15/2009  
Comments: DTSC GSU reviewed the model update and had no additional comments due to involvement in development of model update.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 05/26/2009  
Comments: DTSC concurred with offsite MW installation work plan for DDJC-Sharpe. Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 06/11/2009  
Comments: DTSC commented on work plan, basically concurring with proposed actions. Fieldwork was implemented shortly after receiving the work plan, therefore generating an additional comment of sufficient review prior to implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

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**SHARPE ARMY DEPOT (Continued)**

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Completed Document Type: Monitoring Report  
Completed Date: 05/15/2010  
Comments: The annual monitoring report summarizes the quarterly groundwater data. DTSC review completed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/29/2010  
Comments: Quarterly monitoring report. DTSC review not required.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 01/13/2010  
Comments: DTSC provided comments on the Pilot Study dated 11/23/2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/01/2010  
Comments: Quarterly Monitoring report. No DTSC review required.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/23/2010  
Comments: No comments on Qtrly monitoring reports.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Proposed Plan  
Completed Date: 07/27/2011  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 12/30/2009  
Comments: DTSC provided comments on the report dated 12/30/2009.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Workplan  
Completed Date: 02/18/2010  
Comments: RD/RA Workplan for Soil Vapor Extraction Site P-5A

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 10/01/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/01/2008

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Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/01/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/01/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 04/28/2008  
Comments: OPERABLE UNIT 2-METALS REMEDIAL ACTION REPORTS SITE S-26, AREA 6

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/01/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/01/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/01/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/01/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/30/2009  
Comments: FFA ANNUAL PROGRESS REPORT-10/2007 TO 9/2008

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/27/2007  
Comments: FFA ANNUAL PROGRESS REPORT-10/2005 TO 9/2006

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/27/2009  
Comments: FFA ANNUAL PROGRESS REPORT-10/2007 TO 9/2008

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/27/2008  
Comments: THREE-DIMENSIONAL GROUNDWATER MODEL REPORT

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 04/29/2009  
Comments: GROUNDWATER REMEDY ENHANCEMENT: CONE PENETROMETER TESTING & GROUNDWATER CHARACTERIZATION WORK PLAN

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 02/01/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/01/2008  
Comments: FFA ANNUAL PROGRESS REPORT-10/2006 TO 9/2007

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/01/2009  
Comments: FFA ANNUAL PROGRESS REPORT-10/2007 TO 9/2008

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

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**SHARPE ARMY DEPOT (Continued)**

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Completed Date: 09/01/2008  
Comments: FFA Annual Progress Report 10/2007-9/2008

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 01/01/2008  
Comments: Operable Unit 2 Metals Remedial Action Report Site S-26, Area 6 FINAL

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 09/01/2006  
Comments: Three-Dimensional GW Model Report-FINAL

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/01/2008  
Comments: Annual Progress Report 10/2007-9/2008-DRAFT

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Base / Site Management Plan  
Completed Date: 09/01/2005  
Comments: Response Completion Plan -FINAL

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 12/01/2009  
Comments: DDJC-Sharpe Potable Well Evaluation

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 01/01/2010  
Comments: Potassium Permanganate Pilot Study Results Report. DTSC comments issued December 15, 2010.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Implementation Workplan  
Completed Date: 01/01/2010  
Comments: The Soil Vapor Extraction (SVE) Work Plan was developed to facilitate the application of SVE, the Record of Decision (ROD) approved remedy for contaminated soil for the Defense Distribution depot San Joaquin California, Sharpe site P-5A. SVE will be initiated to reduce the risk posed by volatile organic compounds (VOCs) in soil and as a source control effort to prevent further degradation of the groundwater and minimize aquifer cleanup time.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 02/09/2010  
Comments: O&M Reports provided for information only. DTSC review not required

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**SHARPE ARMY DEPOT (Continued)**

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on secondary O&M documents

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Feasibility Study Report  
Completed Date: 05/08/2011  
Comments: No comments on final.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/29/2010  
Comments: DTSC does not provide comments on secondary documents.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 09/01/2007  
Comments: Community Relations Plan-Final

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 09/01/2002  
Comments: Installation-Wide Preliminary Close Out Report for OU1 and OU2-Final

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/01/2009  
Comments: Potable Well Evaluation

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 04/23/2011  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 11/29/2010  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2011  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2011  
Comments: No comments.

Completed Area Name: OU-2



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Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Workplan  
Completed Date: 02/08/2012  
Comments: No commnets on DF.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/29/2011  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/01/2011  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Workplan  
Completed Date: 09/15/2012  
Comments: No comments on Final.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Summary Report  
Completed Date: 05/11/2012  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Workplan  
Completed Date: 02/17/2012  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 10/31/2011  
Comments: Delay

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/03/2011  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/23/2011  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/31/2012

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**SHARPE ARMY DEPOT (Continued)**

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Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/26/2012  
Comments: No comments.

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/11/2013  
Comments: 2012 FFA Annual Progress Report

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/25/2012  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Supplemental Site Investigation Tech Memo  
Completed Date: 07/20/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 02/29/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/29/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/30/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 06/28/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 09/20/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Plan w/ESD  
Completed Date: 03/25/2014  
Comments: OU 1 Explanation of Significant Differences

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Technical Report  
Completed Date: 10/10/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/01/2012  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Summary Report  
Completed Date: 11/28/2012  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 10/05/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 09/04/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Supplemental Site Investigation Tech Memo  
Completed Date: 01/08/2013  
Comments: Final Report received.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/01/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 11/30/2012  
Comments: No comments.

Completed Area Name: OU-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Completion Report  
Completed Date: 02/18/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/31/2013  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Supplemental Site Investigation Tech Memo  
Completed Date: 03/14/2013  
Comments: Site P-1G 1,3-butadiene Confirmation Tech memo Work Plan

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/26/2012  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Installation Workplan  
Completed Date: 02/22/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/31/2013  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 09/04/2014  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 02/28/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/31/2013  
Comments: April 2013 GWTP Report

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 06/28/2013  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/30/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/20/2014  
Comments: MW326 Cluster Area Field Sampling Report

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 07/31/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Operation and Maintenance Manual  
Completed Date: 09/16/2013  
Comments: Groundwater Treatment Systems Operation and Maintenance Manual

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/29/2013  
Comments: no comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 11/17/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/01/2013  
Comments: no comments.

Completed Area Name: OU-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/31/2013  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Decommissioning Workplan  
Completed Date: 03/24/2014  
Comments: Groundwater Well Decommissioning Work Plan

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/04/2013  
Comments: Groundwater Treatment Plant Monthly Performance Monitoring Report-October 2013

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 05/22/2014  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/28/2014  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: P-1A  
Completed Document Type: Site Characterization Workplan  
Completed Date: 05/08/2014  
Comments: Field Sampling Work Plan, Sites P-1A, P-1B, P-1C

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Site Characterization Workplan  
Completed Date: 06/02/2014  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/23/2013  
Comments: GWTP MONTHLY PERFORMANCE MONITORING REPORT NOVEMBER 2013

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Site Summary Report  
Completed Date: 05/29/2015  
Comments: No comments on Final.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Tank Removal Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Date: 10/20/2015  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/18/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 02/03/2014  
Comments: Groundwater Treatment Plant Monthly Performance Monitoring Report  
December 2013

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/03/2014  
Comments: GWTP MONTHLY PERFORMANCE MONITORING REPORT JANUARY 2014

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 03/17/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/01/2014  
Comments: Groundwater Treatment Plant Monthly Performance Monitoring Report  
February 2014

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Workplan  
Completed Date: 04/18/2014  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Quality Assurance Workplan  
Completed Date: 04/18/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Treatability Study Report  
Completed Date: 04/28/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/01/2014



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Workplan  
Completed Date: 06/09/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/30/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 06/27/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Completion Report  
Completed Date: 10/31/2014  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 02/23/2015  
Comments: No comments on Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 07/31/2014  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/30/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 09/03/2014  
Comments: No comments.

Completed Area Name: OU-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 09/30/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/31/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Installation Workplan  
Completed Date: 03/16/2015  
Comments: No comments from any agency. Draft is Final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/03/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2014  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 02/02/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 02/02/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/05/2015  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: P-5A  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 01/20/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/31/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Comments: No comments.

Completed Area Name: SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Workplan  
Completed Date: 08/31/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/30/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 06/02/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 06/30/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 07/30/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/03/2015  
Comments: No comments.

Completed Area Name: Transfer Parcels  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 08/24/2015  
Comments: Comments uploaded.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/20/2016  
Comments: No comments.

Completed Area Name: OU-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Completion Report  
Completed Date: 11/25/2015  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/31/2015  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Technical Report  
Completed Date: 09/17/2015  
Comments: No comments. Non CERCLA. RWQCB review.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 03/25/2016  
Comments: No comments on final.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/01/2015  
Comments: No comments

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Risk Assessment Workplan  
Completed Date: 03/25/2016  
Comments: No comments on final.

Completed Area Name: OU-2  
Completed Sub Area Name: P-1A  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 07/01/2016  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/03/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/01/2015  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Site Characterization Workplan  
Completed Date: 04/05/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 12/23/2015  
Comments: No comments

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Pilot/Treatability Study Report  
Completed Date: 01/20/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Well Installation Workplan  
Completed Date: 04/29/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/28/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/29/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/03/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/25/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/25/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 04/29/2016  
Comments: No comments.

Completed Area Name: OU-1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 05/31/2016  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 01/30/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Federal Facility Agreement  
Completed Date: 07/19/1989  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 10/14/1982  
Comments: Facility identified from HWMB/Enforcement files.

Completed Area Name: Sites With No Operable Unit  
Completed Sub Area Name: PEST  
Completed Document Type: \* CEQA  
Completed Date: 06/23/1994  
Comments: CEQA (PEST) -- Environmental assessment documents approved for the pesticide mix area. Contaminated soils (DDT and chlordane) will be disposed off-site at an approved landfill.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Federal Facility Agreement  
Completed Date: 06/28/2011  
Comments: No comments on Final.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2016  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Technical Report  
Completed Date: 11/29/2016  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/02/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Document Type: Monitoring Report  
Completed Date: 08/03/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/03/2016  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Quality Assurance Workplan  
Completed Date: 04/03/2017  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 08/31/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 09/30/2016  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Risk Assessment Report  
Completed Date: 12/27/2016  
Comments: No comments on final doc.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 10/31/2016  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: SOILS  
Completed Document Type: Monitoring Report  
Completed Date: 10/31/2016  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 11/30/2016  
Comments: No comments.

Completed Area Name: OU-2  
Completed Sub Area Name: S33  
Completed Document Type: Remedial Investigation Workplan  
Completed Date: 12/18/2019  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2017  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/05/2017  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 01/30/2017  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 02/28/2017  
Comments: No comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Base / Site Management Plan  
Completed Date: 03/28/2017  
Comments: No comments.

Completed Area Name: OU-1  
Completed Sub Area Name: GROUND WATER  
Completed Document Type: Monitoring Report  
Completed Date: 03/30/2017  
Comments: No comments.

Completed Area Name: SOILS  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 10/17/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/16/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Quality Assurance Workplan



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Date: 11/27/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 03/19/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 04/16/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/01/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 07/22/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Decommissioning Report  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/17/2019  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/25/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Quality Assurance Workplan  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 08/23/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 11/07/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 06/05/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 11/22/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/31/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/31/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Plan  
Completed Date: 11/14/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 11/26/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 08/23/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Plan  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 09/22/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Design/Implementation Workplan  
Completed Date: 08/18/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 06/30/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Manual  
Completed Date: 11/27/2017  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Plan  
Completed Date: 02/20/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 12/18/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Plan  
Completed Date: 10/17/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 02/28/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 02/15/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 03/22/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation and Maintenance Report  
Completed Date: 09/19/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/05/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/04/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Record of Decision - Amendment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE ARMY DEPOT (Continued)**

**S118756917**

Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/17/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 08/13/2018  
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: OU-2  
Schedule Sub Area Name: P-1A  
Schedule Document Type: Remedy Constructed: Operating Properly & Successfully  
Schedule Due Date: 06/29/2017  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Removal Action Completion Report  
Schedule Due Date: 10/11/2018  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: 5 Year Review Reports  
Schedule Due Date: 08/19/2020  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Remedial Action Plan  
Schedule Due Date: 04/09/2019  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Site Characterization Report  
Schedule Due Date: 10/08/2020  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Site Characterization Report  
Schedule Due Date: 07/30/2020  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

20  
NW  
1/2-1  
0.892 mi.  
4709 ft.

**SHARPE DEFENSE DEPOT SAN  
724 ACRES 60 MI EA OF SAN FRA  
LATHROP, CA 95331**

**HIST Cal-Sites S101716015  
HIST CORTESE N/A**

**Relative:  
Lower  
Actual:  
22 ft.**

Calsite:  
Name: SHARPE DEFENSE DEPOT SAN JOAQUIN  
Address: 724 ACRES; 60 MI EA OF SAN FRANCISCO, CA  
City: LATHROP  
Region: SACRAMENTO  
Facility ID: 39970002  
Facility Type: OPEN  
Type: OPEN MILITARY BASE  
Branch: NO  
Branch Name: OMF-NORTHERN CALIF  
File Name: Not reported  
State Senate District: 05011986  
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY  
NPL: Listed  
SIC Code: 97  
SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS  
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: PMACNICH  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: CV  
Region Water Control Board Name: CENTRAL VALLEY  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: MEASURED FROM CENTER OF THE BASE  
State Assembly District Code: 17  
State Senate District Code: 05  
Facility ID: 39970002  
Activity: PPP  
Activity Name: PUBLIC PARTICIPATION PLAN  
AWP Code: BASWD  
Proposed Budget: 0  
AWP Completion Date: 02132003  
Revised Due Date: Not reported  
Comments Date: 02132003  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 39970002  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: S3329  
Proposed Budget: 0  
AWP Completion Date: 10102000  
Revised Due Date: Not reported  
Comments Date: 10102000  
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: 39970002  
Activity: PEA  
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT  
AWP Code: NFA  
Proposed Budget: 0  
AWP Completion Date: 04052001  
Revised Due Date: Not reported  
Comments Date: 04052001  
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: 39970002  
Activity: DES  
Activity Name: DESIGN  
AWP Code: SVE  
Proposed Budget: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

AWP Completion Date: 09291997  
Revised Due Date: Not reported  
Comments Date: 09291997  
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: 39970002  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: SOILM  
Proposed Budget: 0  
AWP Completion Date: 12081999  
Revised Due Date: Not reported  
Comments Date: 12081999  
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: 39970002  
Activity: DES  
Activity Name: DESIGN  
AWP Code: SOILM  
Proposed Budget: 0  
AWP Completion Date: 09291997  
Revised Due Date: Not reported  
Comments Date: 09291997  
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

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: 39970002  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: SVE  
Proposed Budget: 0  
AWP Completion Date: 01222001  
Revised Due Date: Not reported  
Comments Date: 01222001  
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: 39970002  
Activity: RAP  
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION  
AWP Code: BASWD  
Proposed Budget: 0  
AWP Completion Date: 03051996  
Revised Due Date: Not reported  
Comments Date: 03051996  
Est Person-Yrs to complete: 0.13000  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Unknown Type: 0  
Facility ID: 39970002  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: PEST  
Proposed Budget: 0  
AWP Completion Date: 03251997  
Revised Due Date: Not reported  
Comments Date: 03251997  
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): 522  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: APPROXIMATELY 522 CUBIC YARDS OF CONTAMINATED SOIL WAS REMOVED AND TRANSPORTED TO THE APPROPRIATE DISPOSAL FACILITY.  
  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 39970002  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: GW  
Proposed Budget: 0  
AWP Completion Date: 05311995  
Revised Due Date: Not reported  
Comments Date: 05311995  
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: N  
Activity Comments: COMPLETED CONSTRUCTION AND BEGAN OPERATION OF CENTRAL AREA GROUNDWATER TREATMENT SYSTEM.  
  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 39970002  
Activity: RIFS  
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY  
AWP Code: BASWD  
Proposed Budget: 0  
AWP Completion Date: 12141994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Revised Due Date:	Not reported
Comments Date:	12141994
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:	39970002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	PEST
Proposed Budget:	0
AWP Completion Date:	10041994
Revised Due Date:	Not reported
Comments Date:	10041994
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:	39970002
Activity:	DES
Activity Name:	DESIGN
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	03251994
Revised Due Date:	Not reported
Comments Date:	03251994
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

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:	39970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	UGTSL
Proposed Budget:	0
AWP Completion Date:	02171994
Revised Due Date:	Not reported
Comments Date:	02171994
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):	3000
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	REMOVED AND DISPOSED OFF-SITE APPROXIMATELY 3,000 CY OF CONTAMINATED SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	39970002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	01251993
Revised Due Date:	Not reported
Comments Date:	01251993
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Unknown Type:	0
Facility ID:	39970002
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	01021992
Revised Due Date:	Not reported
Comments Date:	01021992
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:	39970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	GW-B
Proposed Budget:	0
AWP Completion Date:	08141991
Revised Due Date:	Not reported
Comments Date:	08141991
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:	N
Activity Comments:	GROUNDWATER EXTRACTION SYSTEM, 14 WELLS. BULK OF WORK DONE 10/90 WITH SOME RESIDUAL WORK DONE 8/14/91.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	39970002
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	GW-B
Proposed Budget:	0
AWP Completion Date:	10311990
Revised Due Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Comments Date: 10311990  
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: 39970002  
Activity: DES  
Activity Name: DESIGN  
AWP Code: B  
Proposed Budget: 0  
AWP Completion Date: 10311990  
Revised Due Date: Not reported  
Comments Date: 10311990  
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: 39970002  
Activity: PPP  
Activity Name: PUBLIC PARTICIPATION PLAN  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: 08301989  
Revised Due Date: Not reported  
Comments Date: 08301989  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

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:	39970002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	GW-C
Proposed Budget:	0
AWP Completion Date:	04301987
Revised Due Date:	Not reported
Comments Date:	04301987
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:	39970002
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	02091987
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:	39970002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Activity: CERT  
Activity Name: CERTIFICATION  
AWP Code: BASWD  
Proposed Budget: 0  
AWP Completion Date: 06302010  
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  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 39970002  
Activity: CEQA  
Activity Name: CEQA INCLUDING NEGATIVE DECS  
AWP Code: PEST  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 06231994  
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: 39970002  
Activity: CEQA  
Activity Name: CEQA INCLUDING NEGATIVE DECS  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 01301993  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

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: 39970002  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: FFA  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 07191989  
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  
Alternate Address: 724 ACRES; 60 MI EA OF SAN FRANCISCO, CA  
Alternate City,St,Zip: LATHROP, CA 95331  
Alternate Address: ROTH ROAD  
Alternate City,St,Zip: LATHROP, CA 95331  
Alternate Address: ROTH ROAD NEAR INTERSTATE 5  
Alternate City,St,Zip: LATHROP, CA 95331  
Background Info: This facility was previously known as Sharpe Army Depot and was operated by the U.S. Army. As of July 1990, the Defense Logistics Agency (DLA) took over operation of Sharpe and is now known as the Defense Distribution Depot San Joaquin, Sharpe. Sharpe was established in 1941 and consists of 727 acres. Soil and groundwater contamination by volatile organic compounds (VOCs), primarily trichloroethylene (TCE) and perchloroethylene (PCE) has been found at the site. Elevated arsenic (As) concentrations have also been detected in the soils and groundwater at Sharpe. Lead and chromium contamination has also been found in the soil. The repair and reconditioning of heavy equipment and aircraft was conducted on site until 1976. Storage, handling, preservation, and shipment of general supplies and equipment is the remaining Base mission. Pas

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SHARPE DEFENSE DEPOT SAN (Continued)

S101716015

t disposal sites include burial areas, burn pits, fire training areas, and leaking underground storage tanks. The Sharpe facility is divided into three general contamination areas: North Balloon, South Balloon, and Central areas. Groundwater treatment removal actions were initiated in the North and South Balloon areas in November 1990, and April 1987, respectively. The Sharpe facility was listed on the federal NPL in July 1987. On July 19, 1989, the U.S. Army, EPA, the RWQCB, and DTSC entered into a Federal Facility Agreement (FFA) for Sharpe.

Comments Date: 01222001  
Comments: RMDL - SVE -- Concurrence that the SVE systems at 6 sites are operating properly and that continued long-term Operation and Maintenance activities are appropriate.  
Comments Date: 01222001  
Comments: RMDL - SVE -- Concurrence that the SVE systems at 6 sites are operating properly and that continued long-term Operation and Maintenance activities are appropriate.  
Comments Date: 01222001  
Comments: RMDL - SVE -- Concurrence that the SVE systems at 6 sites are operating properly and that continued long-term Operation and Maintenance activities are appropriate.  
Comments Date: 01251993  
Comments: RAP - GW was completed on 1/25/93. Operable Unit 1 covers groundwater contamination. Remedial actions include (1) continued operation and modification of 2 existing GW extraction wells and (2) construction of a new system in the central area.  
Comments Date: 02091987  
Comments: Site Screening Done: Mitre Model required.  
Comments Date: 02132003  
Comments: PPP - BASWD -- Updated Community Relations Plan (CRP) describing the program that will be used to inform the community about environmental activities at DDJC - Sharpe.  
Comments Date: 02171994  
Comments: RA - UGTSL -- Removal Action completed 12/27/93 (confirmation letter mailed 02/17/94). Removed and disposed off-site, approximately 3,000 cubic yards of contaminated soils. Soils were excavated during investigation of underground storage tank #27.  
Comments Date: 03051996  
Comments: DTSC approved the Basewide Record of Decision for Defense Distribution Region West, Sharpe. That ROD specified remedial activities for soil contamination, which include excavation and off-site disposal of metal contaminated soils and in-situ soil vapor extraction for solvent contaminated soils. The Basewide ROD represents the final remedial decision document for Sharpe; remediation of groundwater was addressed via a previous ROD.  
Comments Date: 03251994  
Comments: DES - GW -- DTSC approved the 100 percent Design for groundwater (OU-1).

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Comments Date: 04052001  
Comments: PEA - NFA -- Concurrence with no further action determination for  
Comments Date: 04052001  
Comments: a total of 14 sites. 11 of the 14 sites contained soils contami  
Comments Date: 04052001  
Comments: nated with volatile organic compounds and three sites contained s  
Comments Date: 04052001  
Comments: oils contaminated with metals.  
Comments Date: 04301987  
Comments: Removal Action: Groundwater south balloon.  
Comments Date: 05011986  
Comments: This is the date the site was first listed AWP pursuant to  
Comments Date: 05011986  
Comments: Section 25356.  
Comments Date: 05311995  
Comments: RA - GW -- Completed construction and begin operation of Central  
Comments Date: 05311995  
Comments: Area Groundwater Treatment System.  
Comments Date: 06231994  
Comments: CEQA (PEST) -- Environmental assessment documents approved for th  
Comments Date: 06231994  
Comments: e pesticide mix area. Contaminated soils (DDT and chlordane) wil  
Comments Date: 06231994  
Comments: l be disposed off-site at an approved landfill.  
Comments Date: 07251991  
Comments: Supply and maintenance facility. Contaminants include VOCs, TCE,  
Comments Date: 07251991  
Comments: PCE, and Ar.  
Comments Date: 09232004  
Comments: DTSC concludes that DDJC-Sharpe's groundwater treatment system co  
Comments Date: 09232004  
Comments: nsists of 45 extraction wells coupled with three treatment plants  
Comments Date: 09232004  
Comments: equipped with air stripping towers to remove volatile organic co  
Comments Date: 09232004  
Comments: mpounds from the extracted water. The majority of treated efflue  
Comments Date: 09232004  
Comments: nt is used by the El Paso Energy cogeneration plant with excess t  
Comments Date: 09232004  
Comments: reated effluent being discharged to the South San Joaquin County  
Comments Date: 09232004  
Comments: Irrigation District canal which is regulated by a National Pollut  
Comments Date: 09232004  
Comments: ant Discharge Elimination System permit issued by the Regional Wa  
Comments Date: 09232004  
Comments: ter Quality Control Board.  
Comments Date: 10041994  
Comments: RIFS - PEST -- DTSC concurred with the Removal Action Memorandum  
Comments Date: 10041994  
Comments: which outlines the removal action at the Pesticide Mix Area (PEST  
Comments Date: 10041994  
Comments: ) which will consist of excavation and off-site disposal of pesti  
Comments Date: 10041994  
Comments: cide (DDT and Chlordane) contaminated soils.  
Comments Date: 10102000  
Comments: RMDL, S3329 Concurred with the remedial action conducted in the v  
Comments Date: 10102000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHARPE DEFENSE DEPOT SAN (Continued)**

**S101716015**

Comments: icinity of site S-13/29 (burn pits) in the South Ballon Area. Th  
Comments Date: 10102000  
Comments: e action consisted of the excavation and off-site disposal of con  
Comments Date: 10102000  
Comments: taminated soils two feet below grade. Confirmatory activities co  
Comments Date: 10102000  
Comments: nducted indictated that the ROD cleanup levels had been achieved.  
Comments Date: 10141982  
Comments: Facility identified from HWMB/Enforcement files.  
Comments Date: 10271994  
Comments: Name Change -- Historically, this facility was listed  
Comments Date: 10271994  
Comments: as Sharpe Army Depot.  
Comments Date: 10311990  
Comments: FRIFS: North balloon.  
Comments Date: 11301990  
Comments: Removal Action: Groundwater pump & treatment north balloon.  
Comments Date: 12081999  
Comments: RMDL - SOILM -- Excavation and off-site disposal of contaminated  
Comments Date: 12081999  
Comments: soils two feet below grade which exceeded the cleanup standards o  
Comments Date: 12081999  
Comments: f 1,000mg/kg of total lead and 300 mg/kg of total chromium.  
Comments Date: 12141994  
Comments: RI/FS - BASWD -- The Final Basewide (BASWD) Remedial Investigatio  
Comments Date: 12141994  
Comments: n/Feasibility Study (RI/FS) was approved.  
ID Name: EPA IDENTIFICATION NUMBER  
ID Value: CA8210020832  
ID Name: BEP DATABASE PCODE  
ID Value: P12063  
Alternate Name: SHARPE DEFENSE DISTRIBUTION REGION WEST  
Alternate Name: DEFENSE DISTRIBUTION REGION WEST, SHARPE  
Alternate Name: SHARPE ARMY DEPOT  
Alternate Name: SHARPE AD - NORTH/SOUTH AREA  
Alternate Name: SHARPE ARMY DEPOT (NORTH & SOUTH AREA)  
Alternate Name: SHARPE-DEFENSE DISTRIBUTION REGION WEST  
Alternate Name: SHARPE DEFENSE DEPOT SAN JOAQUIN  
Alternate Name: Not reported  
Special Programs Code: DSMOA  
Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

**HIST CORTESE:**

edr\_fname: SHARPE DEFENSE DEPOT SAN  
edr\_fadd1: 724 ACRES 60 MI EA OF SAN FRA  
City,State,Zip: LATHROP, CA 95331  
Region: CORTESE  
Facility County Code: 39  
Reg By: CALSI  
Reg Id: 39970002

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

21  
 West  
 1/2-1  
 0.930 mi.  
 4913 ft.

**JOE WIDMER ELEMENTARY SCHOOL**  
**STONEBRIDGE LANE/I-5**  
**LATHROP, CA 95330**

**ENVIROSTOR S109548233**  
**SCH N/A**

**Relative:**  
**Lower**  
**Actual:**  
**17 ft.**

**ENVIROSTOR:**  
 Name: JOE WIDMER ELEMENTARY SCHOOL  
 Address: STONEBRIDGE LANE/I-5  
 City,State,Zip: LATHROP, CA 95330  
 Facility ID: 39010004  
 Status: No Further Action  
 Status Date: 06/23/2000  
 Site Code: 104013  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: 20  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Mark Malinowski  
 Division Branch: Northern California Schools & Santa Susana  
 Assembly: 12  
 Senate: 05  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: School District  
 Latitude: 37.83344  
 Longitude: -121.2758  
 APN: NONE SPECIFIED  
 Past Use: AGRICULTURAL - ROW CROPS  
 Potential COC: Endosulfan DDT Lead DDD Dieldrin Arsenic DDE Endrin  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: SOIL  
 Alias Name: JOE WIDMER ELEMENTARY SCHOOL  
 Alias Type: Alternate Name  
 Alias Name: MANTECA USD  
 Alias Type: Alternate Name  
 Alias Name: MANTECA USD-JOE WIDMER ELEM. SCH.  
 Alias Type: Alternate Name  
 Alias Name: MANTECA USD-WIDMER ELEM/VCA  
 Alias Type: Alternate Name  
 Alias Name: 101230  
 Alias Type: Project Code (Site Code)  
 Alias Name: 104013  
 Alias Type: Project Code (Site Code)  
 Alias Name: 39010004  
 Alias Type: Envirostor ID Number

**Completed Info:**  
 Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Cost Recovery Closeout Memo  
 Completed Date: 03/15/2001  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOE WIDMER ELEMENTARY SCHOOL (Continued)**

**S109548233**

Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 04/05/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 12/22/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 06/23/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/22/1999  
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: JOE WIDMER ELEMENTARY SCHOOL  
Address: STONEBRIDGE LANE/I-5  
City,State,Zip: LATHROP, CA 95330  
Facility ID: 39010004  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 20  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Mark Malinowski  
Division Branch: Northern California Schools & Santa Susana  
Site Code: 104013  
Assembly: 12  
Senate: 05  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 06/23/2000  
Restricted Use: NO  
Funding: School District

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOE WIDMER ELEMENTARY SCHOOL (Continued)**

**S109548233**

Latitude: 37.83344  
Longitude: -121.2758  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: Endosulfan, Endosulfan, DDT, Lead, DDD, Dieldrin, Arsenic, DDE, Endrin  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: JOE WIDMER ELEMENTARY SCHOOL  
Alias Type: Alternate Name  
Alias Name: MANTECA USD  
Alias Type: Alternate Name  
Alias Name: MANTECA USD-JOE WIDMER ELEM. SCH.  
Alias Type: Alternate Name  
Alias Name: MANTECA USD-WIDMER ELEM/VCA  
Alias Type: Alternate Name  
Alias Name: 101230  
Alias Type: Project Code (Site Code)  
Alias Name: 104013  
Alias Type: Project Code (Site Code)  
Alias Name: 39010004  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/15/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 04/05/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Standard Voluntary Agreement  
Completed Date: 12/22/1999  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 06/23/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 11/22/1999  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOE WIDMER ELEMENTARY SCHOOL (Continued)**

**S109548233**

Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported



Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LATHROP	S126976732	TESLA INC	17100 LATHROP MURPHY PKWY	95330	CERS HAZ WASTE
LATHROP	S126984295	DEFENSE DISTRIBUTION REGION WEST	LATHROP CA 95331, S13&14 T1S R	95330	SWF/LF
LATHROP	S106230470	CHANNEL CONSTRUCTION ALONG SHULTE	SHULTE RD & LATHROP PARKWAY		CPS-SLIC
MANTECA	S121674779	SO AIRPORT WAY	SO AIRPORT WAY		CIWQS
MANTECA	S121618997	AIRPORT WAY NE 120 BYPASS	AIRPORT WAY NE OF 120 BYPASS	95337	CIWQS
MANTECA	S121618996	AIRPORT WAY & DANIELS ST PHASE I I	INTERSECTION OF AIRPORT WAY &	95337	CIWQS
MANTECA	S107539558		NILE ROAD, 100' EAST OF AIRPOR	95337	CDL
MANTECA	S110744801		NILES RD, 1/2 MILE WEST OF AIR	95337	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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: N/A  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/11/2021  
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: 02/22/2021  
Date Data Arrived at EDR: 03/30/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/23/2021  
Next Scheduled EDR Contact: 10/11/2021  
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 known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/25/2021
	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: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

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

Date of Government Version: 02/09/2021	Source: Department of the Navy
Date Data Arrived at EDR: 02/11/2021	Telephone: 843-820-7326
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 05/05/2021
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/23/2021
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/24/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 10/04/2021  
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: 04/23/2021  
Date Data Arrived at EDR: 04/23/2021  
Date Made Active in Reports: 07/12/2021  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/22/2021  
Next Scheduled EDR Contact: 11/08/2021  
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 identifies 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: 04/23/2021  
Date Data Arrived at EDR: 04/23/2021  
Date Made Active in Reports: 07/12/2021  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/22/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 02/08/2021  
Date Data Arrived at EDR: 02/09/2021  
Date Made Active in Reports: 05/03/2021  
Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## LUST REG 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 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 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST: 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: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## LUST REG 3: Leaking Underground Storage Tank Database

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## LUST REG 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 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 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

## 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: 10/07/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
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: 10/01/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020	Source: EPA Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	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: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	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: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	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: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	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: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/29/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Varies

### UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 04/01/2021  
Number of Days to Update: 23

Source: State Water Resources Control Board  
Telephone: 916-327-7844  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Semi-Annually

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 09/19/2016  
Number of Days to Update: 69

Source: California Environmental Protection Agency  
Telephone: 916-327-5092  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
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: 09/30/2020  
Date Data Arrived at EDR: 12/22/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 80

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
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: 10/01/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 12/16/2020  
Date Made Active in Reports: 03/12/2021  
Number of Days to Update: 86

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 06/11/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	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: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	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: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

### **State and tribal voluntary cleanup sites**

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/23/2021  
Date Data Arrived at EDR: 04/23/2021  
Date Made Active in Reports: 07/12/2021  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/22/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: No Update Planned

## **State and tribal Brownfields sites**

### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 79

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 10/04/2021  
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: 03/15/2021  
Date Data Arrived at EDR: 03/16/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 06/10/2021  
Next Scheduled EDR Contact: 09/27/2021  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 08/23/2021  
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: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
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 Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
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: 12/07/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2020	Telephone: 202-307-1000
Date Made Active in Reports: 03/02/2021	Last EDR Contact: 05/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/06/2021
	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	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: 04/23/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/23/2021	Telephone: 916-323-3400
Date Made Active in Reports: 07/12/2021	Last EDR Contact: 07/22/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Quarterly

### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 07/13/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/18/2021
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/19/2021  
Date Data Arrived at EDR: 04/20/2021  
Date Made Active in Reports: 07/07/2021  
Number of Days to Update: 78

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 07/15/2021  
Next Scheduled EDR Contact: 11/01/2021  
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: 12/07/2020  
Date Data Arrived at EDR: 12/09/2020  
Date Made Active in Reports: 03/02/2021  
Number of Days to Update: 83

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021  
Date Data Arrived at EDR: 02/24/2021  
Date Made Active in Reports: 05/14/2021  
Number of Days to Update: 79

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
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

### 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: 05/06/2021  
Date Data Arrived at EDR: 05/07/2021  
Date Made Active in Reports: 07/23/2021  
Number of Days to Update: 77

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 04/19/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 07/07/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Quarterly

## CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Local Land Records

### LIENS: Environmental Liens Listing

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

Date of Government Version: 03/01/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/20/2021	Last EDR Contact: 05/25/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2021	Telephone: 202-564-6023
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/03/2021	Telephone: 916-323-3400
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/24/2021	Telephone: 202-366-4555
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/04/2021
	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: 04/04/2021	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/20/2021	Telephone: 916-845-8400
Date Made Active in Reports: 07/07/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/01/2021
	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: 03/08/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	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: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 06/21/2021  
Next Scheduled EDR Contact: 10/04/2021  
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: 02/11/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 04/05/2021  
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 08/30/2021  
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: 07/13/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/09/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 06/17/2021  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/21/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/30/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/16/2021
	Data Release Frequency: No Update Planned

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/07/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/16/2021
	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	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 05/17/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/30/2021
	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: 04/19/2021	Source: EPA
Date Data Arrived at EDR: 04/20/2021	Telephone: 202-564-4203
Date Made Active in Reports: 07/16/2021	Last EDR Contact: 07/19/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 703-416-0223
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 09/13/2021
	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: 01/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2021	Telephone: 202-564-8600
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 07/14/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/01/2021
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 08/16/2021
	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: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 07/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

**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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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: 03/08/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/11/2021	Telephone: 301-415-7169
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 07/14/2021
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/01/2021
	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: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 05/27/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/27/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/07/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/16/2021
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/22/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: No Update Planned

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/23/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/08/2021
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2021  
Date Data Arrived at EDR: 07/14/2021  
Date Made Active in Reports: 07/16/2021  
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 07/02/2021  
Next Scheduled EDR Contact: 10/18/2021  
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: 12/31/2017  
Date Data Arrived at EDR: 06/22/2020  
Date Made Active in Reports: 11/20/2020  
Number of Days to Update: 151

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/21/2021  
Next Scheduled EDR Contact: 10/04/2021  
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: 07/02/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Varies

## 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: 07/23/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 16

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/11/2021  
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 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: No Update Planned

## 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: No Update Planned

## US MINES: Mines Master Index File

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

Date of Government Version: 02/01/2021  
Date Data Arrived at EDR: 02/24/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 05/27/2021  
Date Data Arrived at EDR: 05/27/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 07/01/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## 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: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 05/27/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/27/2021
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/06/2021
	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: 03/23/2021	Source: Department of Interior
Date Data Arrived at EDR: 03/25/2021	Telephone: 202-208-2609
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/14/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2021	Source: EPA
Date Data Arrived at EDR: 03/03/2021	Telephone: (415) 947-8000
Date Made Active in Reports: 04/05/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/13/2021
	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: 11/03/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2020	Telephone: 202-564-0527
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 07/07/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/04/2021  
Date Data Arrived at EDR: 04/06/2021  
Date Made Active in Reports: 06/25/2021  
Number of Days to Update: 80

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 07/01/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 03/22/2021  
Number of Days to Update: 33

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/22/2021  
Date Data Arrived at EDR: 03/23/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 06/17/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/14/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department  
Telephone: 925-454-2361  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 03/04/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 77

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Annually

## DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/26/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
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: 02/23/2021  
Date Data Arrived at EDR: 02/25/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 83

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: Varies

**EMI:** Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 06/16/2020  
Date Made Active in Reports: 08/28/2020  
Number of Days to Update: 73

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/10/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

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

Date of Government Version: 04/16/2021  
Date Data Arrived at EDR: 04/20/2021  
Date Made Active in Reports: 07/07/2021  
Number of Days to Update: 78

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/15/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/14/2021  
Date Data Arrived at EDR: 04/15/2021  
Date Made Active in Reports: 07/06/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/08/2021  
Date Data Arrived at EDR: 02/12/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 82

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 05/05/2021  
Next Scheduled EDR Contact: 08/23/2021  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 04/15/2020  
Date Made Active in Reports: 07/02/2020  
Number of Days to Update: 78

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 07/09/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Annually

## ICE: ICE

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

Date of Government Version: 02/16/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/07/2021  
Number of Days to Update: 79

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
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 [CALSTES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/16/2021  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/14/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/05/2021  
Date Data Arrived at EDR: 04/06/2021  
Date Made Active in Reports: 06/23/2021  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/01/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/29/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 78

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/08/2021  
Date Data Arrived at EDR: 02/09/2021  
Date Made Active in Reports: 05/04/2021  
Number of Days to Update: 84

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 78

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/04/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021  
Date Data Arrived at EDR: 03/16/2021  
Date Made Active in Reports: 06/01/2021  
Number of Days to Update: 77

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/31/2021  
Number of Days to Update: 22

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021  
Date Data Arrived at EDR: 03/09/2021  
Date Made Active in Reports: 03/30/2021  
Number of Days to Update: 21

Source: State Water Resource Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 01/07/2020	Telephone: 559-445-5577
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 07/01/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/14/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/30/2021
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 06/15/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-341-5810
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/07/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/30/2020	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/01/2020	Telephone: 866-794-4977
Date Made Active in Reports: 02/12/2021	Last EDR Contact: 05/19/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/19/2021	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/20/2021	Telephone: 916-323-2514
Date Made Active in Reports: 07/07/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 05/27/2021
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

## HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/08/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/09/2021	Telephone: 916-324-2444
Date Made Active in Reports: 04/20/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 06/30/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

## PCS: Permit Compliance System

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

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/30/2021
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

## PCS INACTIVE: Listing of Inactive PCS Permits

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

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 06/30/2021
Number of Days to Update: 120	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021  
Date Data Arrived at EDR: 03/18/2021  
Date Made Active in Reports: 03/25/2021  
Number of Days to Update: 7

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 02/02/2021  
Date Data Arrived at EDR: 02/04/2021  
Date Made Active in Reports: 04/23/2021  
Number of Days to Update: 78

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 06/15/2021  
Date Data Arrived at EDR: 06/16/2021  
Date Made Active in Reports: 07/02/2021  
Number of Days to Update: 16

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020  
Date Data Arrived at EDR: 04/23/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 78

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
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: 04/21/2021  
Date Data Arrived at EDR: 04/22/2021  
Date Made Active in Reports: 07/12/2021  
Number of Days to Update: 81

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 12/17/2020  
Date Data Arrived at EDR: 01/28/2021  
Date Made Active in Reports: 04/16/2021  
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/09/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021  
Date Data Arrived at EDR: 01/15/2021  
Date Made Active in Reports: 04/05/2021  
Number of Days to Update: 80

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 06/23/2021  
Next Scheduled EDR Contact: 10/11/2021  
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: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/17/2021  
Date Data Arrived at EDR: 05/18/2021  
Date Made Active in Reports: 05/20/2021  
Number of Days to Update: 2

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 05/10/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

### CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 04/14/2021  
Date Data Arrived at EDR: 04/15/2021  
Date Made Active in Reports: 07/06/2021  
Number of Days to Update: 82

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 72

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## KERN COUNTY:

### CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021  
Date Data Arrived at EDR: 04/30/2021  
Date Made Active in Reports: 07/19/2021  
Number of Days to Update: 80

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021  
Date Data Arrived at EDR: 01/21/2021  
Date Made Active in Reports: 01/28/2021  
Number of Days to Update: 7

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/14/2021  
Number of Days to Update: 78

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/10/2021  
Date Data Arrived at EDR: 02/12/2021  
Date Made Active in Reports: 03/11/2021  
Number of Days to Update: 27

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/06/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020  
Date Data Arrived at EDR: 08/21/2020  
Date Made Active in Reports: 11/09/2020  
Number of Days to Update: 80

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021  
Date Data Arrived at EDR: 04/13/2021  
Date Made Active in Reports: 06/28/2021  
Number of Days to Update: 76

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 06/29/2021  
Next Scheduled EDR Contact: 10/18/2021  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021  
Date Data Arrived at EDR: 04/13/2021  
Date Made Active in Reports: 06/28/2021  
Number of Days to Update: 76

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/09/2021  
Next Scheduled EDR Contact: 10/25/2021  
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: 01/01/2021  
Date Data Arrived at EDR: 02/18/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 81

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/06/2021  
Next Scheduled EDR Contact: 10/25/2021  
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: 06/17/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/04/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/16/2021	Telephone: 626-458-6973
Date Made Active in Reports: 04/21/2021	Last EDR Contact: 07/12/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/25/2021
	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: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/04/2021
	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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 06/17/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2021	Source: Community Health Services
Date Data Arrived at EDR: 04/16/2021	Telephone: 323-890-7806
Date Made Active in Reports: 07/06/2021	Last EDR Contact: 07/09/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 10/25/2021
	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/06/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/25/2021
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/13/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/02/2021	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/28/2021	Telephone: 310-618-2973
Date Made Active in Reports: 07/13/2021	Last EDR Contact: 07/13/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 05/12/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/30/2021
	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 06/22/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021	Source: Department of Public Health
Date Data Arrived at EDR: 04/07/2021	Telephone: 707-463-4466
Date Made Active in Reports: 06/24/2021	Last EDR Contact: 05/18/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 02/04/2021	Source: Merced County Environmental Health
Date Data Arrived at EDR: 02/09/2021	Telephone: 209-381-1094
Date Made Active in Reports: 02/18/2021	Last EDR Contact: 05/12/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/30/2021
	Data Release Frequency: Varies

MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 06/02/2021  
Next Scheduled EDR Contact: 09/06/3021  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021  
Date Data Arrived at EDR: 06/23/2021  
Date Made Active in Reports: 06/24/2021  
Number of Days to Update: 1

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 06/22/2021  
Next Scheduled EDR Contact: 10/11/2021  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019  
Date Data Arrived at EDR: 09/09/2019  
Date Made Active in Reports: 10/31/2019  
Number of Days to Update: 52

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 04/29/2021  
Date Made Active in Reports: 07/15/2021  
Number of Days to Update: 77

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 04/30/2021  
Date Made Active in Reports: 07/19/2021  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/29/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Annually

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

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 05/03/2021  
Date Made Active in Reports: 05/12/2021  
Number of Days to Update: 9

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/29/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

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

Date of Government Version: 04/29/2021  
Date Data Arrived at EDR: 04/30/2021  
Date Made Active in Reports: 07/19/2021  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/16/2021  
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: 05/25/2021  
Date Data Arrived at EDR: 05/26/2021  
Date Made Active in Reports: 06/01/2021  
Number of Days to Update: 6

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
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: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
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: 06/29/2021  
Date Data Arrived at EDR: 06/30/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 14

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021  
Date Data Arrived at EDR: 06/30/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 14

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/07/2021  
Next Scheduled EDR Contact: 09/27/2021  
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: 03/30/2021  
Date Data Arrived at EDR: 04/01/2021  
Date Made Active in Reports: 06/23/2021  
Number of Days to Update: 83

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 07/01/2021  
Next Scheduled EDR Contact: 10/11/2021  
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: 03/30/2021  
Date Data Arrived at EDR: 04/01/2021  
Date Made Active in Reports: 06/25/2021  
Number of Days to Update: 85

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/23/2021  
Next Scheduled EDR Contact: 10/11/2021  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/28/2021  
Date Data Arrived at EDR: 04/29/2021  
Date Made Active in Reports: 05/03/2021  
Number of Days to Update: 4

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
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: 05/19/2021  
Date Data Arrived at EDR: 05/19/2021  
Date Made Active in Reports: 06/07/2021  
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 05/03/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2021  
Date Data Arrived at EDR: 03/03/2021  
Date Made Active in Reports: 05/21/2021  
Number of Days to Update: 79

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 05/28/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020  
Date Data Arrived at EDR: 11/23/2020  
Date Made Active in Reports: 02/08/2021  
Number of Days to Update: 77

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
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: 07/14/2020  
Date Data Arrived at EDR: 07/16/2020  
Date Made Active in Reports: 09/29/2020  
Number of Days to Update: 75

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/06/2021  
Date Data Arrived at EDR: 05/07/2021  
Date Made Active in Reports: 07/23/2021  
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
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: 05/06/2021  
Date Data Arrived at EDR: 05/07/2021  
Date Made Active in Reports: 07/23/2021  
Number of Days to Update: 77

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/08/2021  
Next Scheduled EDR Contact: 09/27/2021  
Data Release Frequency: No Update Planned

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/07/2021  
Date Data Arrived at EDR: 05/11/2021  
Date Made Active in Reports: 05/14/2021  
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 05/06/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 04/24/2020  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/10/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/02/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: No Update Planned

## SANTA BARBARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021  
Date Data Arrived at EDR: 02/26/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 28

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 05/18/2021  
Next Scheduled EDR Contact: 09/06/2021  
Data Release Frequency: No Update Planned

### SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/05/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 82

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 05/21/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SHASTA COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 05/12/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: No Update Planned

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021  
Date Data Arrived at EDR: 03/25/2021  
Date Made Active in Reports: 06/10/2021  
Number of Days to Update: 77

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/22/2021  
Next Scheduled EDR Contact: 09/12/2021  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021  
Date Data Arrived at EDR: 07/06/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/28/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2021  
Date Data Arrived at EDR: 04/01/2021  
Date Made Active in Reports: 06/23/2021  
Number of Days to Update: 83

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 06/15/2021  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/09/2021  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 05/05/2021  
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/06/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Varies

## SUTTER COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/01/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 05/25/2021  
Next Scheduled EDR Contact: 09/13/2021  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 04/06/2021  
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 04/14/2021  
Date Data Arrived at EDR: 04/15/2021  
Date Made Active in Reports: 07/06/2021  
Number of Days to Update: 82

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 04/26/2021  
Date Data Arrived at EDR: 04/28/2021  
Date Made Active in Reports: 07/13/2021  
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 04/27/2021  
Next Scheduled EDR Contact: 08/16/2021  
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: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 07/13/2021  
Next Scheduled EDR Contact: 11/01/2021  
Data Release Frequency: Varies

## VENTURA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/29/2021	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 04/22/2021	Telephone: 805-654-2813
Date Made Active in Reports: 07/12/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/01/2021
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/22/2021
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/11/2021
	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/05/2021
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/23/2021
	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: 03/29/2021	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/21/2021	Telephone: 805-654-2813
Date Made Active in Reports: 04/23/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 2	Next Scheduled EDR Contact: 11/01/2021
	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: 03/01/2021	Source: Environmental Health Division
Date Data Arrived at EDR: 03/09/2021	Telephone: 805-654-2813
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/01/2021	Telephone: 530-666-8646
Date Made Active in Reports: 06/23/2021	Last EDR Contact: 06/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Annually

## YUBA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021  
Date Data Arrived at EDR: 04/22/2021  
Date Made Active in Reports: 05/12/2021  
Number of Days to Update: 20

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 07/20/2021  
Next Scheduled EDR Contact: 11/08/2021  
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: 10/05/2020  
Date Data Arrived at EDR: 02/17/2021  
Date Made Active in Reports: 05/10/2021  
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 05/11/2021  
Next Scheduled EDR Contact: 08/23/2021  
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: 07/09/2021  
Next Scheduled EDR Contact: 10/18/2021  
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: 04/29/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 04/30/2021  
Next Scheduled EDR Contact: 08/09/2021  
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: 07/07/2021  
Next Scheduled EDR Contact: 10/25/2021  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 02/11/2021  
Date Made Active in Reports: 02/24/2021  
Number of Days to Update: 13

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 05/13/2021  
Next Scheduled EDR Contact: 08/30/2021  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/03/2021  
Next Scheduled EDR Contact: 09/20/2021  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

2205 N AIRPORT WAY  
2205 N AIRPORT WAY  
LATHROP, CA 95330

### TARGET PROPERTY COORDINATES

Latitude (North):	37.830741 - 37° 49' 50.67"
Longitude (West):	121.257049 - 121° 15' 25.38"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	653387.2
UTM Y (Meters):	4188261.5
Elevation:	23 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5640064 LATHROP, CA
Version Date:	2012
East Map:	5640398 MANTECA, 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).

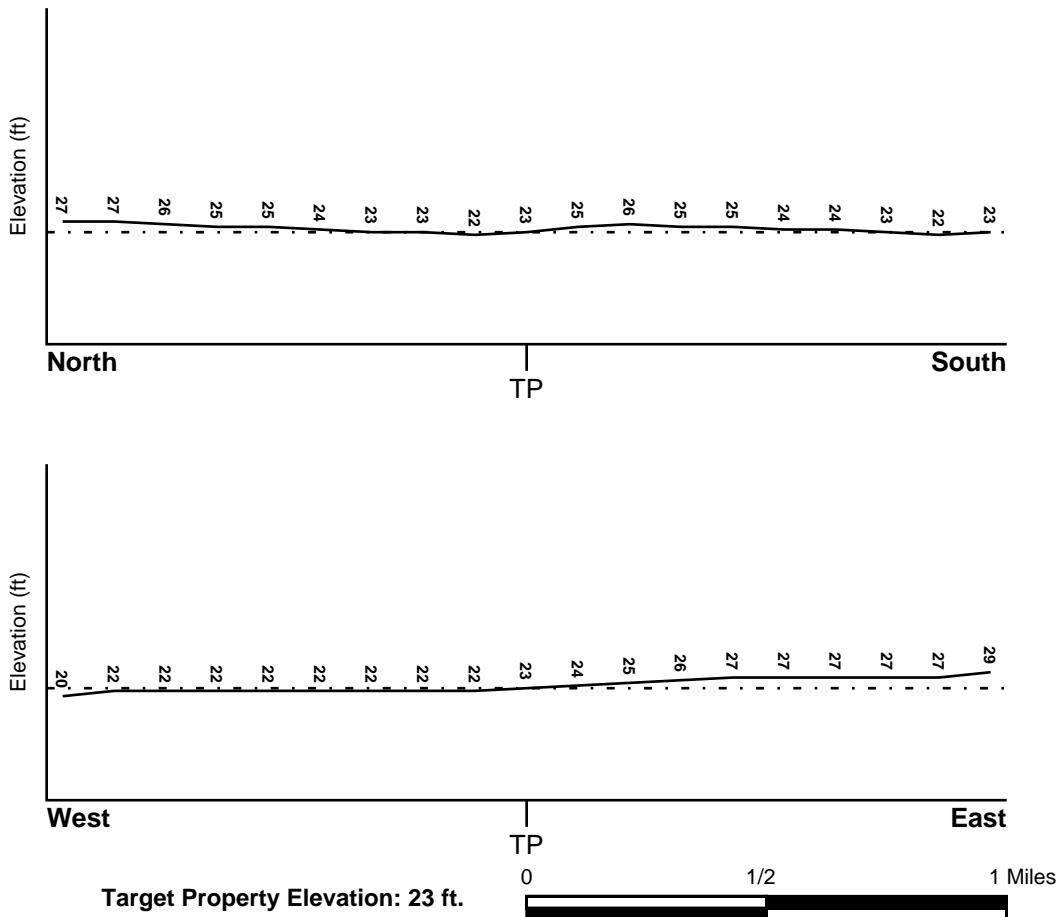
## TOPOGRAPHIC INFORMATION

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 NW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06077C0610F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06077C0630F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LATHROP	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

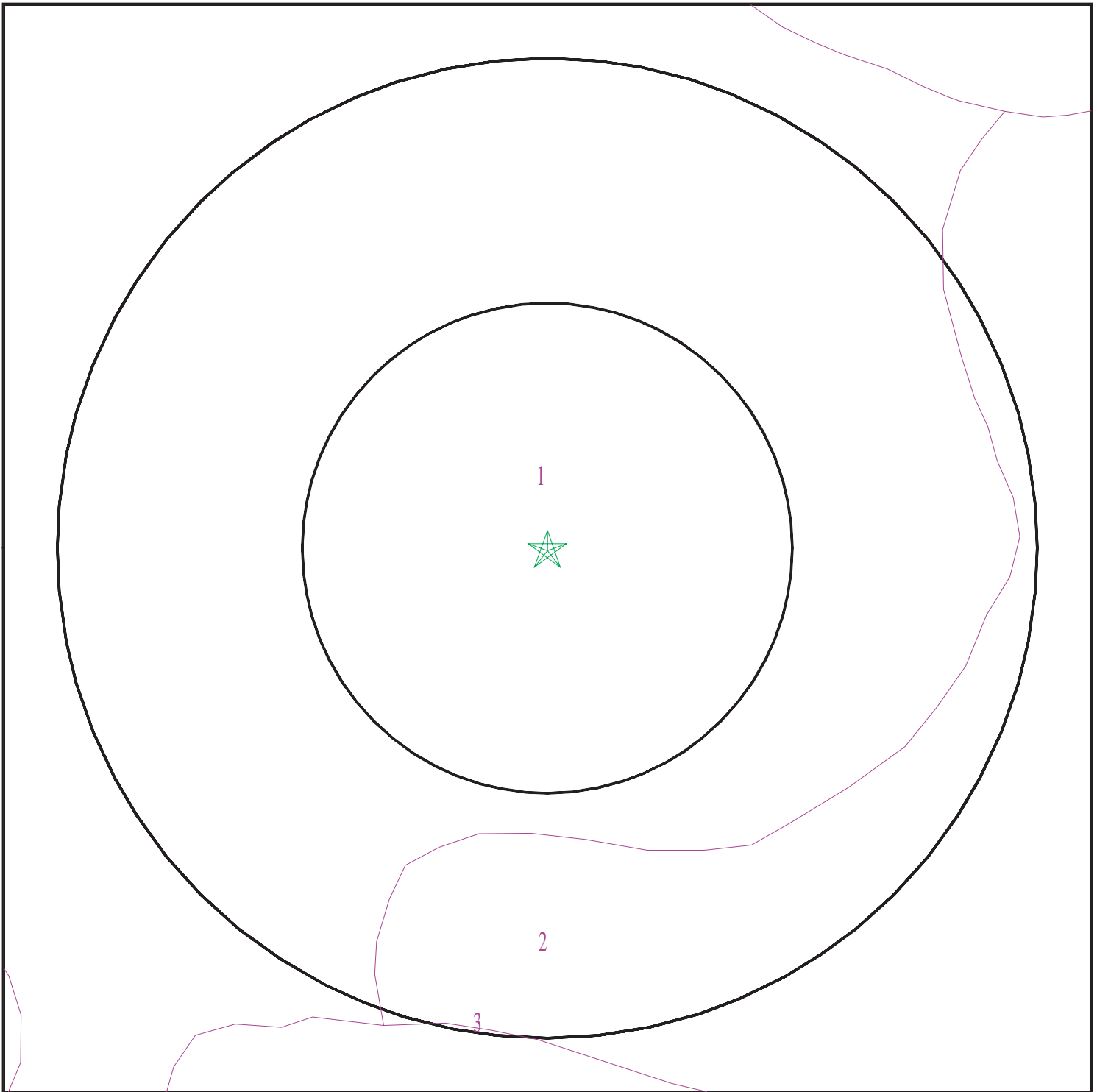
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified 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 - 6593230.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop CA 95330  
LAT/LONG: 37.830741 / 121.257049

CLIENT: Langan  
CONTACT: Sarah Torkelson  
INQUIRY #: 6593230.2s  
DATE: July 26, 2021 5:43 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: VERITAS

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	14 inches	53 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	53 inches	70 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: TINNIN

Soil Surface Texture: loamy coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	27 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	27 inches	53 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
3	53 inches	74 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

Soil Component Name: TIMOR

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:
2	14 inches	55 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:
3	55 inches	59 inches	cemented	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000185860	1/8 - 1/4 Mile NE
D17	USGS40000185808	1/2 - 1 Mile SSW
D22	USGS40000185811	1/2 - 1 Mile SW

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADPR0000004074	0 - 1/8 Mile NNW
3	CADWR90000037720	1/4 - 1/2 Mile NNE
4	CADDW0000009667	1/4 - 1/2 Mile East
5	236	1/2 - 1 Mile South
6	CADPR0000004604	1/2 - 1 Mile NNW
A7	CALLNL000001266	1/2 - 1 Mile SE
A8	CADDW0000019630	1/2 - 1 Mile SE
B9	CADDW0000013917	1/2 - 1 Mile SSE
B10	CADDW0000001417	1/2 - 1 Mile SSE
C11	CADDW0000005952	1/2 - 1 Mile SSW
C12	1027	1/2 - 1 Mile SSW
13	CADWR0000019760	1/2 - 1 Mile South
14	CADPR0000001239	1/2 - 1 Mile ENE
15	CADPR0000003351	1/2 - 1 Mile East
16	CADWR90000037727	1/2 - 1 Mile NE
D18	CAUSGS000000913	1/2 - 1 Mile SSW
D19	CAUSGSN00010222	1/2 - 1 Mile SSW
D20	CADDW0000006890	1/2 - 1 Mile SSW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
D21	CAPFAS000001421	1/2 - 1 Mile SSW

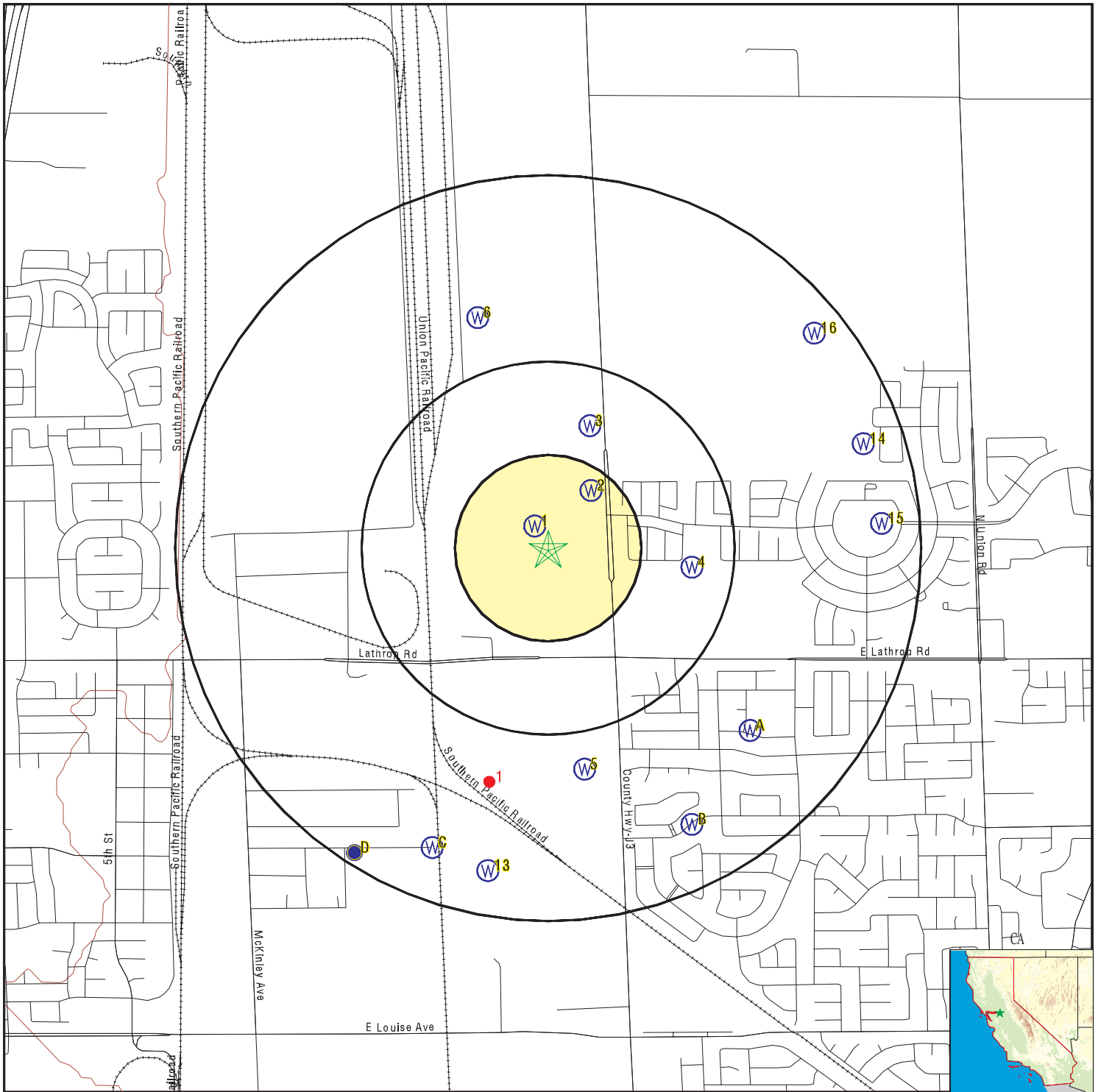
## OTHER STATE DATABASE INFORMATION

## STATE OIL/GAS WELL INFORMATION

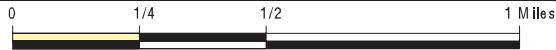
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG14000008502	1/2 - 1 Mile SSW



# PHYSICAL SETTING SOURCE MAP - 6593230.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 2205 N Airport Way  
 ADDRESS: 2205 N Airport Way  
 Lathrop CA 95330  
 LAT/LONG: 37.830741 / 121.257049

CLIENT: Langan  
 CONTACT: Sarah Torkelson  
 INQUIRY #: 6593230.2s  
 DATE: July 26, 2021 5:43 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**NNW**  
**0 - 1/8 Mile**  
**Higher**

**CA WELLS      CADPR000004074**

Well ID:	79370	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	79370	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=79370&store_num=		
GeoTracker Data:	Not Reported		

**2**  
**NE**  
**1/8 - 1/4 Mile**  
**Higher**

**FED USGS      USGS40000185860**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S006E24J003M	Type:	Well
Description:	Not Reported	HUC:	18040005
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:	19720725	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	160
Well Hole Depth Units:	ft		

**3**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADWR9000037720**

State Well #:	01S06E24H002M	Station ID:	3214
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**4**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADDW0000009667**

Well ID:	3901379-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL HEAD	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901379-001&store_num=		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**5**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      236**

Seq:	236	Prim sta c:	01N/06E-25H02 M
Frds no:	3901126001	County:	39
District:	69	User id:	39C
System no:	3901126	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374920.0	Longitude:	1211515.0
Precision:	3	Status:	AR
Comment 1:	15415 S AIRPORT MANTECA CA 95336	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:	3901126	System nam:	Flag Stone Apartments
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

**6**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADPR0000004604**

Well ID:	79371	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	79371	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&amp;samp_date=&amp;global_id=&amp;assigned_name=79371&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&amp;samp_date=&amp;global_id=&amp;assigned_name=79371&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**A7**  
**SE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CALLNL000001266**

Well ID:	101327	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	3910005-023	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-3/Helium-4	Results:	.00000172379
Units:	atom ratio	Date:	11/05/2003

Chemical:	Krypton	Results:	.0000000834841
Units:	cm3STP/g	Date:	11/05/2003

Chemical:	Helium-4	Results:	.000000209735
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Xenon	Results:	.0000000108189
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Tritium (Hydrogen 3)	Results:	13
Units:	pCi/L	Date:	02/28/2003
Chemical:	Argon	Results:	.000367134
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Neon	Results:	.000000235772
Units:	cm3STP/g	Date:	11/05/2003

**A8  
SE  
1/2 - 1 Mile  
Higher**

**CA WELLS    CADDW0000019630**

Well ID:	3910005-036	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 23 - RAW	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910005-036&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910005-036&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**B9  
SSE  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADDW0000013917**

Well ID:	3900816-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3900816-001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3900816-001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**B10  
SSE  
1/2 - 1 Mile  
Lower**

**CA WELLS    CADDW0000001417**

Well ID:	3901126-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3901126-001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3901126-001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C11**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADDW0000005952**

Well ID:	3910015-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 05 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910015-004&store_num=		
GeoTracker Data:	Not Reported		

**C12**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      1027**

Seq:	1027	Prim sta c:	01S/06E-25C01 M
Frds no:	3910015004	County:	39
District:	10	User id:	PTA
System no:	3910015	Water type:	G
Source nam:	WELL 05	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374909.0	Longitude:	1211544.0
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:	3910015	System nam:	City Of Lathrop
Hqname:	Not Reported	Address:	16775 S. HWOLAND RD., SUITE 1
City:	LATHROP	State:	CA
Zip:	95330	Zip ext:	Not Reported
Pop serv:	8429	Connection:	2213
Area serve:	LATHROP		

**13**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR0000019760**

Well ID:	01S06E25H001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S06E25H001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S06E25H001M&store_num=		
GeoTracker Data:	Not Reported		

**14**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADPR000001239**

Well ID:	78429	Well Type:	UNK
Source:	Department of Pesticide Regulation		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Name:	78429	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=78429&store_num=		
GeoTracker Data:	Not Reported		

**15  
East  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADPR000003351**

Well ID:	78428	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	78428	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=78428&store_num=		
GeoTracker Data:	Not Reported		

**16  
NE  
1/2 - 1 Mile  
Higher**

**CA WELLS      CADWR9000037727**

State Well #:	01S07E19B001M	Station ID:	3228
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**D17  
SSW  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000185808**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S006E25M004M	Type:	Well
Description:	LATHROP WELL NO 7	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:	198809	Well Depth:	270
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

**D18  
SSW  
1/2 - 1 Mile  
Higher**

**CA WELLS      CAUSGS000000913**

Well ID:	Vanadium Study	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	Vanadium Study	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=Vanadium Study&store_num=		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

**D19  
SSW  
1/2 - 1 Mile  
Higher**

**CA WELLS CAUSGSN00010222**

Well ID:	USGS-374908121155901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374908121155901	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-374908121155901&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-374908121155901&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D20  
SSW  
1/2 - 1 Mile  
Higher**

**CA WELLS CADDW0000006890**

Well ID:	3910015-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 07 - RAW	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910015-006&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910015-006&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D21  
SSW  
1/2 - 1 Mile  
Higher**

**CA WELLS CAPFAS000001421**

Well ID:	3910015-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 07 - RAW	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910015-006&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3910015-006&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**D22  
SW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000185811**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S006E25M002M	Type:	Well
Description:	Not Reported	HUC:	18040005
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:	19700101	Well Depth:	250
Well Depth Units:	ft	Well Hole Depth:	251
Well Hole Depth Units:	ft		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

---

**1**  
**SSW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG14000008502**

API #: 0407720109  
Well Status: Plugged  
Lease Name: S.P.  
Area Name: Any Area  
Confidential Well: N  
Spud Date: 03/28/1970

Well #: 1  
Well Type: Dry Hole  
Field Name: Any Field  
GIS Source: hud  
Directionally Drilled: N



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95330	2	0

Federal EPA Radon Zone for SAN JOAQUIN County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

## EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA 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 D**  
**AERIAL PHOTOGRAPHS**



**2205 N Airport Way**

2205 N Airport Way

Lathrop, CA 95330

Inquiry Number: 6593230.8

July 26, 2021

# The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

07/26/21

**Site Name:**

2205 N Airport Way  
2205 N Airport Way  
Lathrop, CA 95330  
EDR Inquiry # 6593230.8

**Client Name:**

Langan  
135 Main Street Suite 1500  
SAn Francisco, CA 94105  
Contact: Sarah Torkelson



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

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: June 26, 1982	USDA
1975	1"=500'	Flight Date: November 11, 1975	Cartwright
1968	1"=500'	Flight Date: May 01, 1968	USGS
1963	1"=500'	Flight Date: June 01, 1963	USDA
1957	1"=500'	Flight Date: July 12, 1957	USDA
1940	1"=500'	Flight Date: May 26, 1940	USDA
1937	1"=500'	Flight Date: August 14, 1937	USDA

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INQUIRY #: 6593230.8

YEAR: 2016

— = 500'







INQUIRY #: 6593230.8

YEAR: 2012

— = 500'





INQUIRY #: 6593230.8

YEAR: 2009

— = 500'



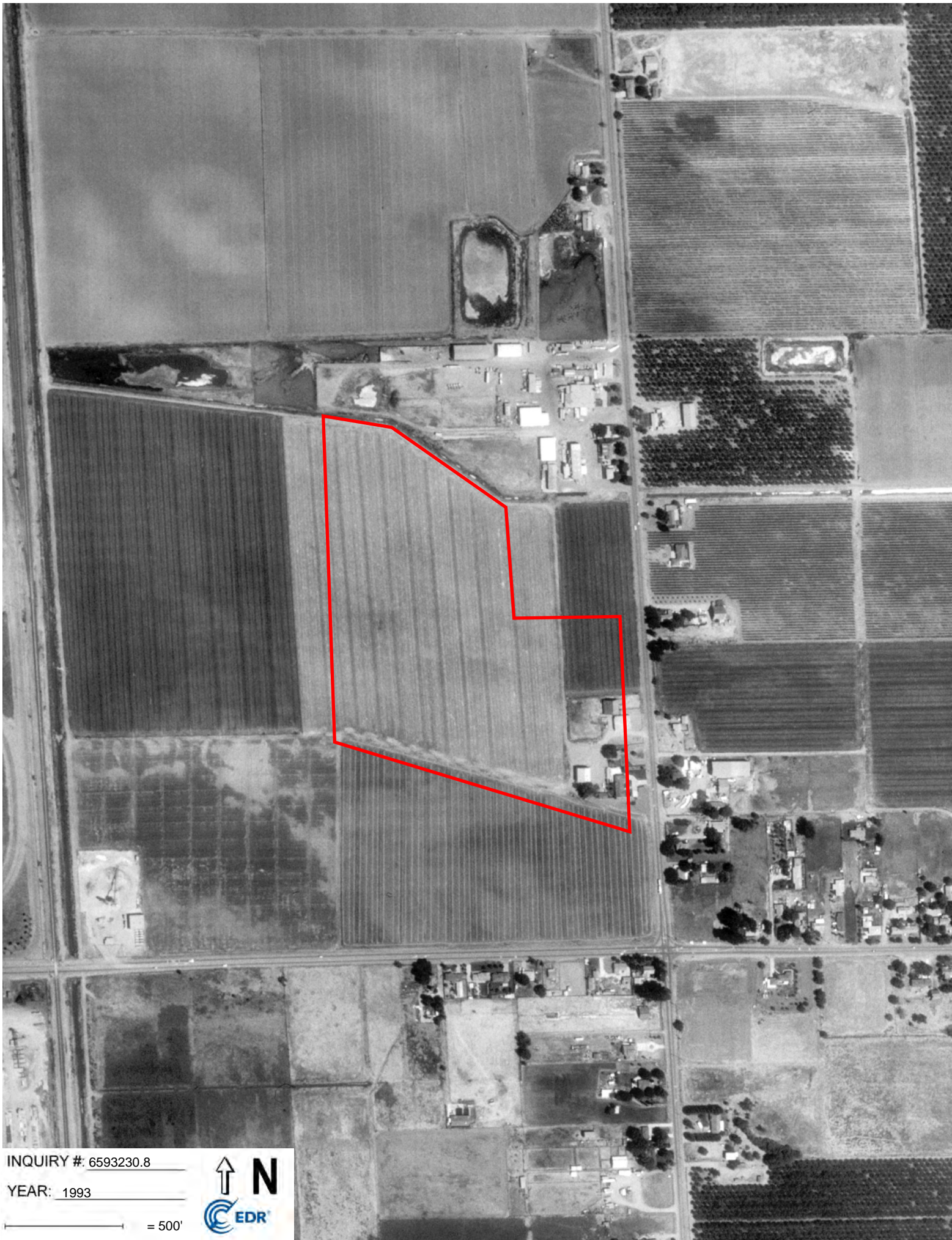


INQUIRY #: 6593230.8

YEAR: 2006

— = 500'





INQUIRY #: 6593230.8

YEAR: 1993

— = 500'





INQUIRY #: 6593230.8

YEAR: 1982

— = 500'



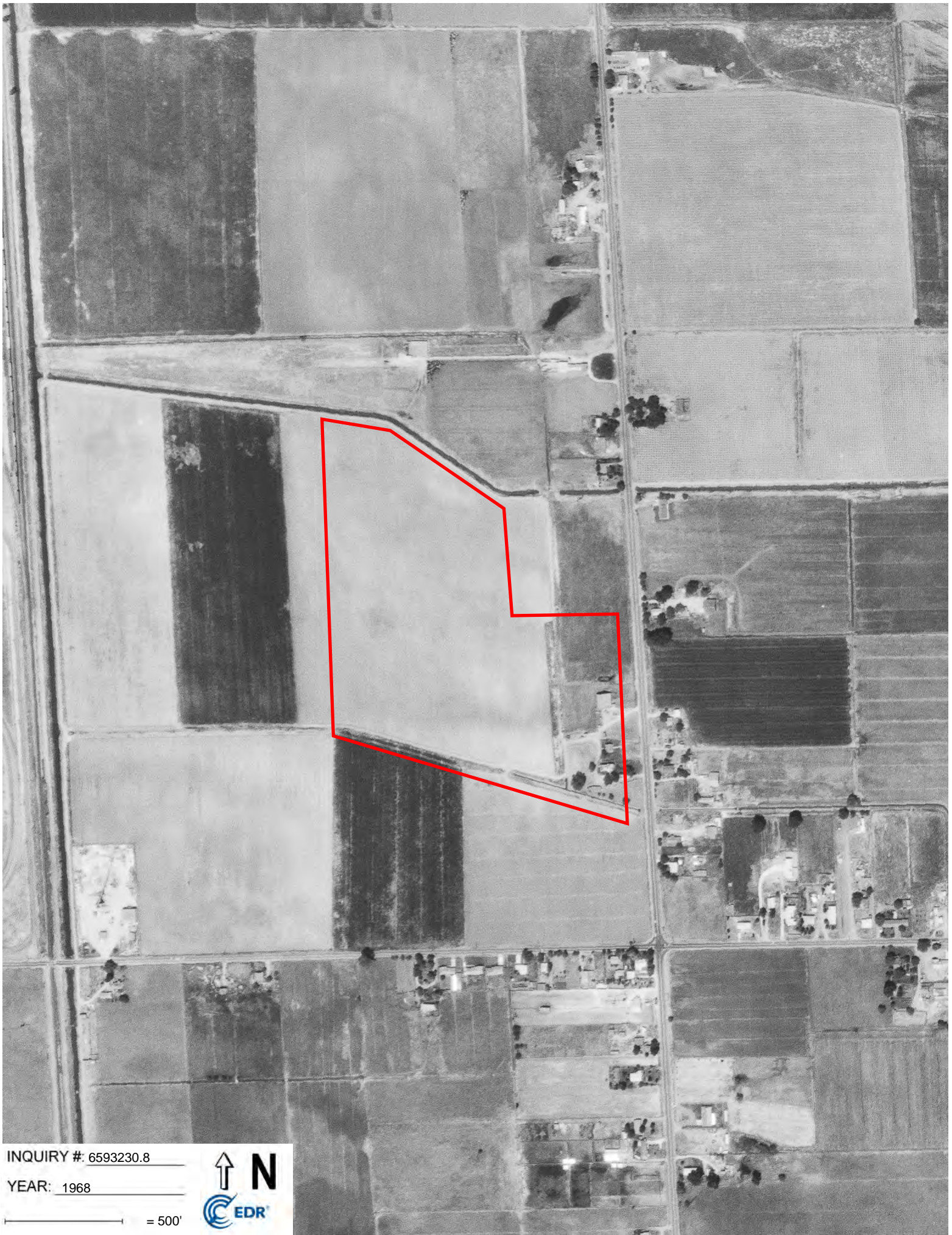


INQUIRY #: 6593230.8

YEAR: 1975

— = 500'





INQUIRY #: 6593230.8

YEAR: 1968

— = 500'





INQUIRY #: 6593230.8

YEAR: 1963

— = 500'







INQUIRY #: 6593230.8

YEAR: 1957

— = 500'



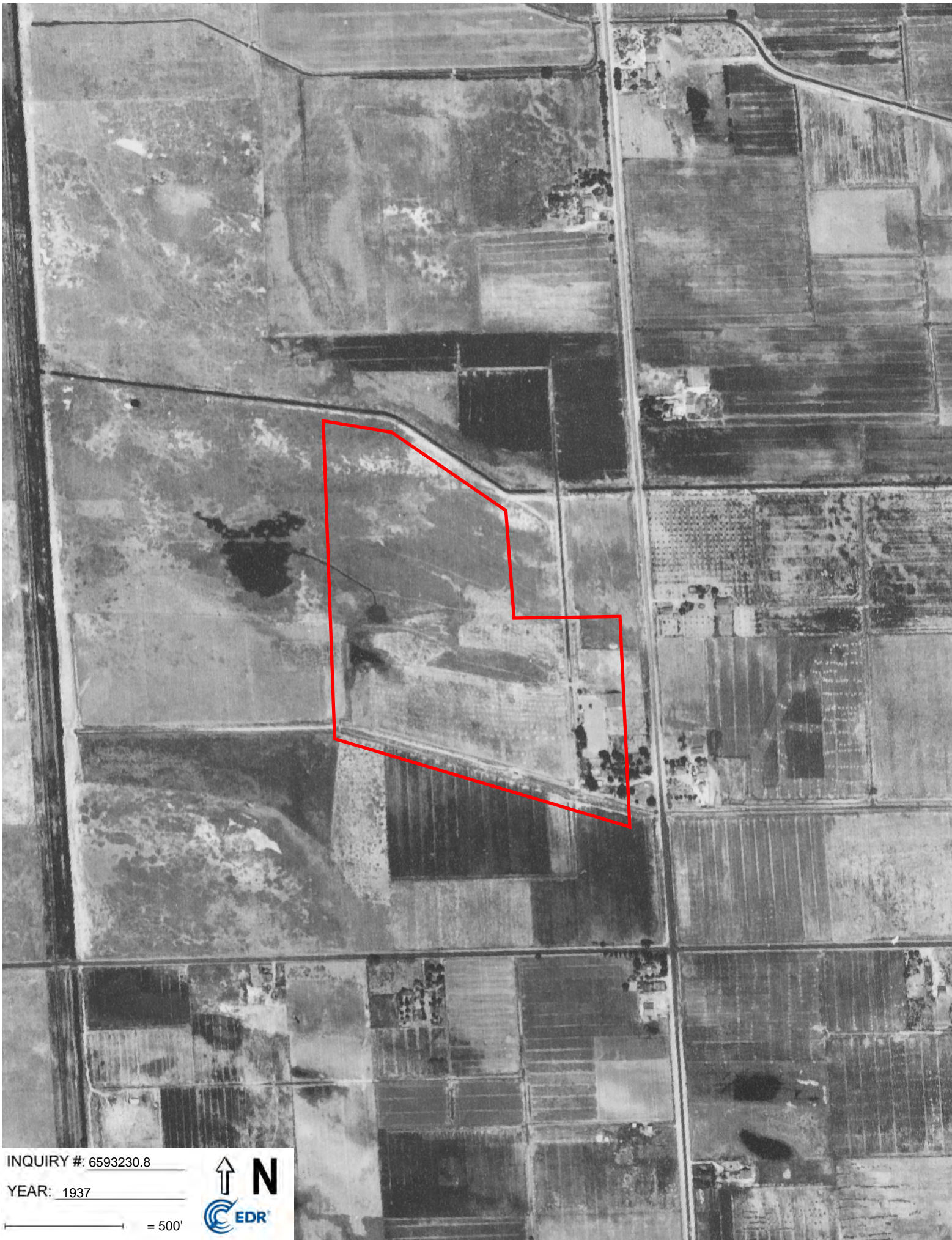


INQUIRY #: 6593230.8

YEAR: 1940

— = 500'






INQUIRY #: 6593230.8

YEAR: 1937

— = 500'



**APPENDIX E**  
**SANBORN FIRE INSURANCE MAPS**



2205 N Airport Way  
2205 N Airport Way  
Lathrop, CA 95330

Inquiry Number: 6593230.3

July 26, 2021

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

07/26/21

**Site Name:**

2205 N Airport Way  
2205 N Airport Way  
Lathrop, CA 95330  
EDR Inquiry # 6593230.3

**Client Name:**

Langan  
135 Main Street Suite 1500  
SA Francisco, CA 94105  
Contact: Sarah Torkelson



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

### Certified Sanborn Results:

**Certification #** 5CAB-4114-92E3  
**PO #** 770682101  
**Project** 2205 N Airport Way, Manteca



Sanborn® Library search results

Certification #: 5CAB-4114-92E3

### UNMAPPED PROPERTY

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

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

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

*The Sanborn Library LLC Since 1866™*

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**APPENDIX F**  
**TOPOGRAPHIC MAPS**

2205 N Airport Way  
2205 N Airport Way  
Lathrop, CA 95330

Inquiry Number: 6593230.4

July 26, 2021

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
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# EDR Historical Topo Map Report

07/26/21

**Site Name:**

2205 N Airport Way  
2205 N Airport Way  
Lathrop, CA 95330  
EDR Inquiry # 6593230.4

**Client Name:**

Langan  
135 Main Street Suite 1500  
SAn Francisco, CA 94105  
Contact: Sarah Torkelson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Langan 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. EDR's 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:**

<b>P.O.#</b>	770682101	<b>Latitude:</b>	37.830741 37° 49' 51" North
<b>Project:</b>	2205 N Airport Way, Manteca	<b>Longitude:</b>	-121.257049 -121° 15' 25" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	653383.40
		<b>UTM Y Meters:</b>	4188466.79
		<b>Elevation:</b>	23.00' above sea level

**Maps Provided:**

2012	1914, 1915
1996	
1994	
1991	
1987	
1976	
1968	
1952	

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## Topo Sheet Key

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

### 2012 Source Sheets



Lathrop  
2012  
7.5-minute, 24000



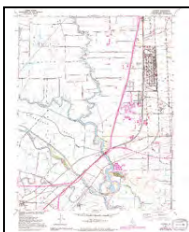
Manteca  
2012  
7.5-minute, 24000

### 1996 Source Sheets



Lathrop  
1996  
7.5-minute, 24000  
Aerial Photo Revised 1982

### 1994 Source Sheets



Lathrop  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1982



Manteca  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1982

### 1991 Source Sheets



Manteca  
1991  
7.5-minute, 24000  
Aerial Photo Revised 1982

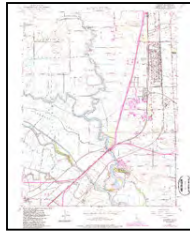
## Topo Sheet Key

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

### 1987 Source Sheets

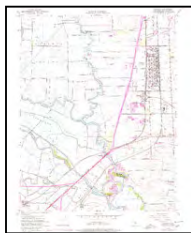


Manteca  
1987  
7.5-minute, 24000  
Aerial Photo Revised 1982

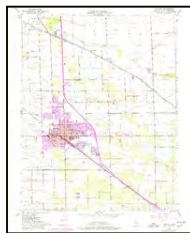


Lathrop  
1987  
7.5-minute, 24000  
Aerial Photo Revised 1982

### 1976 Source Sheets



Lathrop  
1976  
7.5-minute, 24000  
Aerial Photo Revised 1976

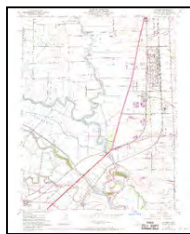


Manteca  
1976  
7.5-minute, 24000  
Aerial Photo Revised 1976

### 1968 Source Sheets

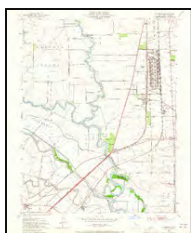


Manteca  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968



Lathrop  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

### 1952 Source Sheets



Lathrop  
1952  
7.5-minute, 24000  
Aerial Photo Revised 1949



Manteca  
1952  
7.5-minute, 24000  
Aerial Photo Revised 1949

## ***Topo Sheet Key***

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

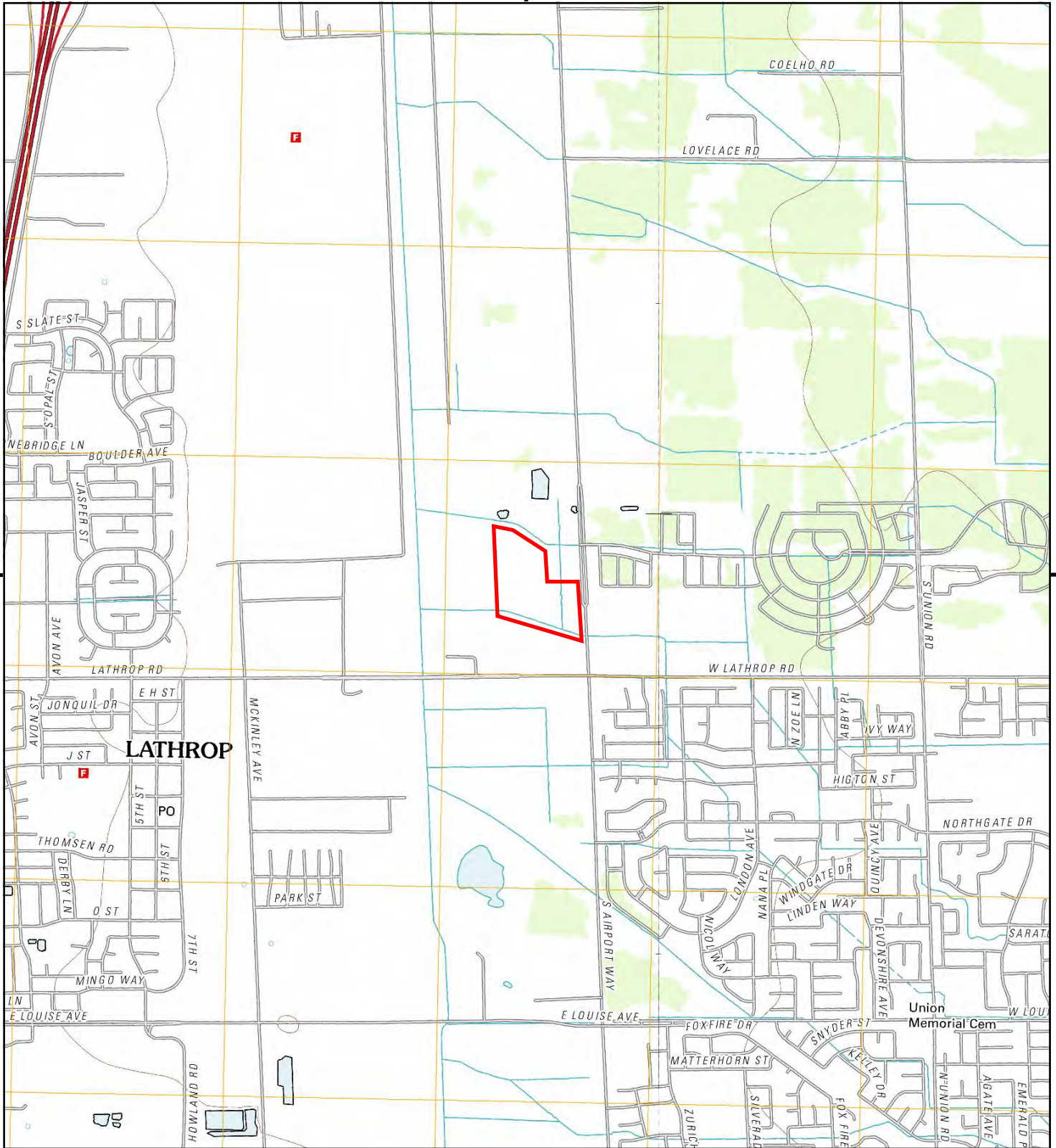
### **1914, 1915 Source Sheets**



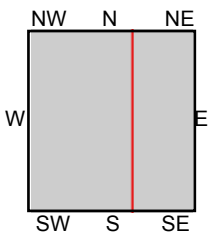
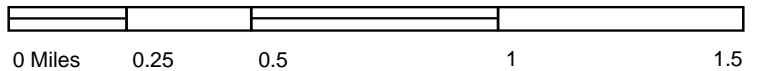
Manteca  
1914  
7.5-minute, 31680



Lathrop  
1915  
7.5-minute, 31680



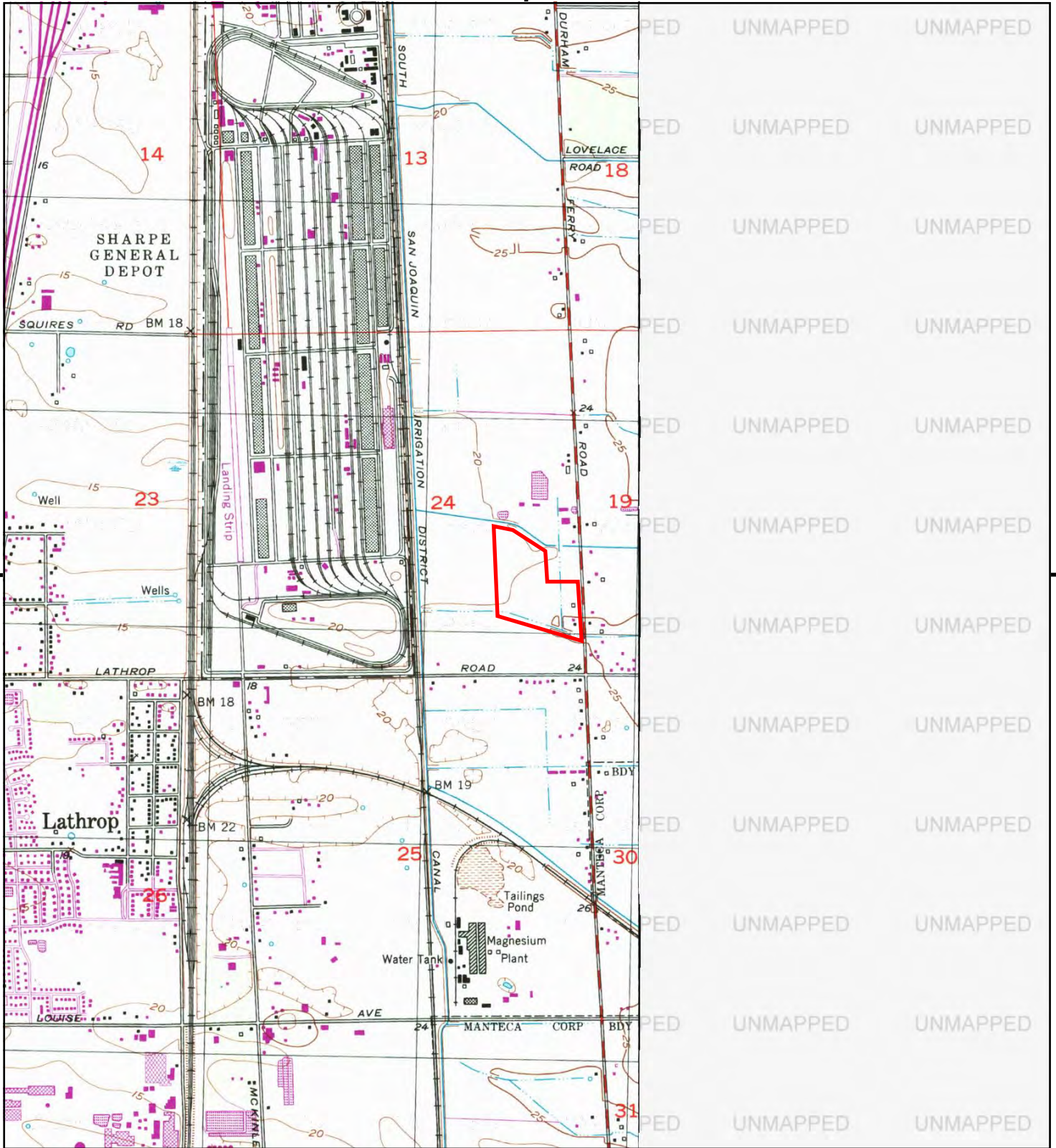
This report includes information from the following map sheet(s).



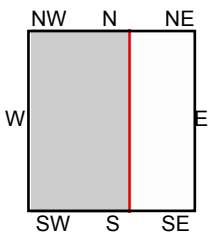
TP, Lathrop, 2012, 7.5-minute  
E, Manteca, 2012, 7.5-minute

**SITE NAME:** 2205 N Airport Way  
**ADDRESS:** 2205 N Airport Way  
Lathrop, CA 95330  
**CLIENT:** Langan





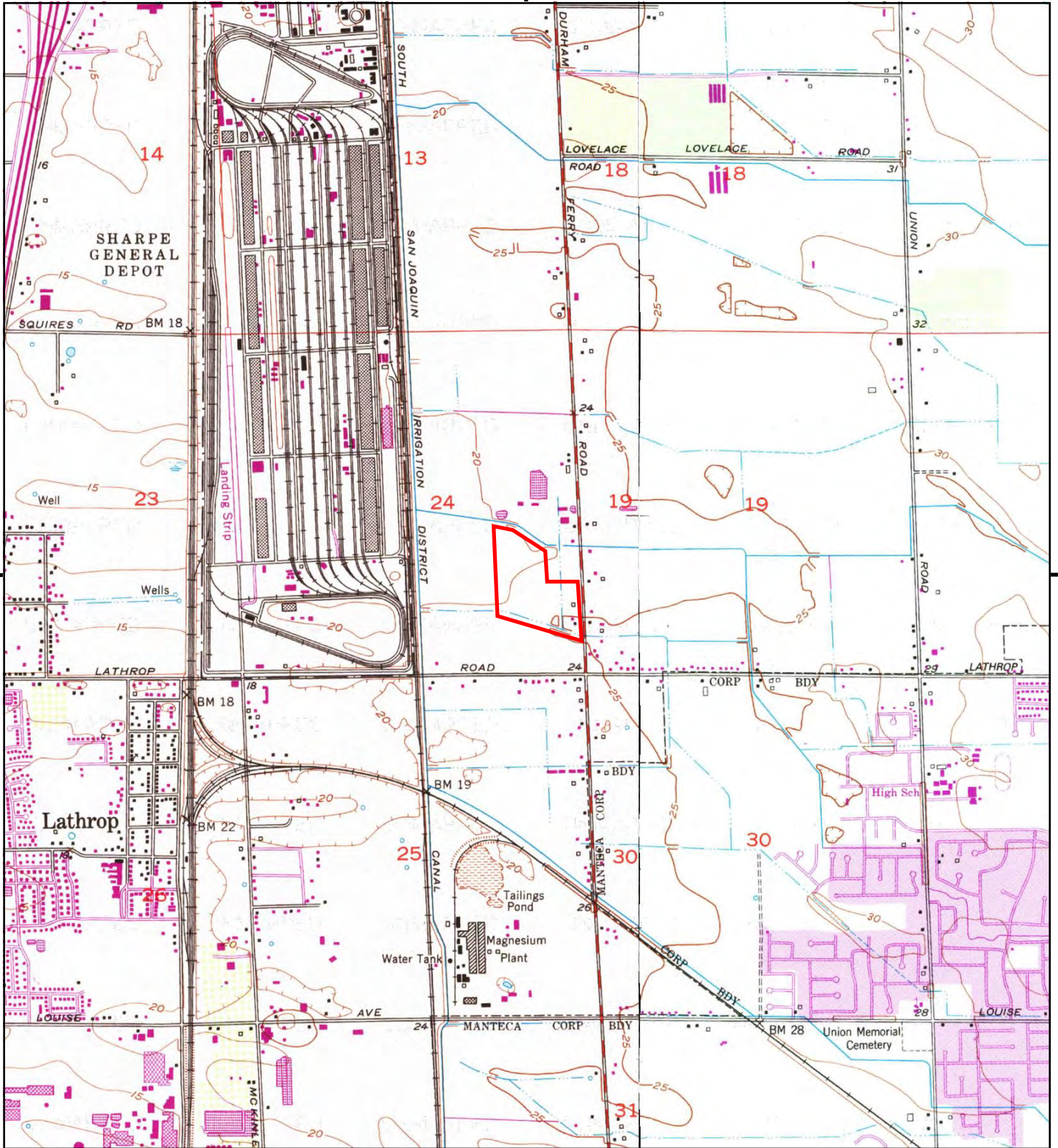
This report includes information from the following map sheet(s).



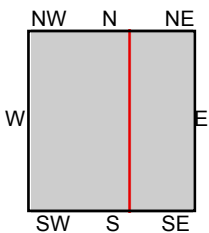
TP, Lathrop, 1996, 7.5-minute

SITE NAME: 2205 N Airport Way  
 ADDRESS: 2205 N Airport Way  
 Lathrop, CA 95330  
 CLIENT: Langan





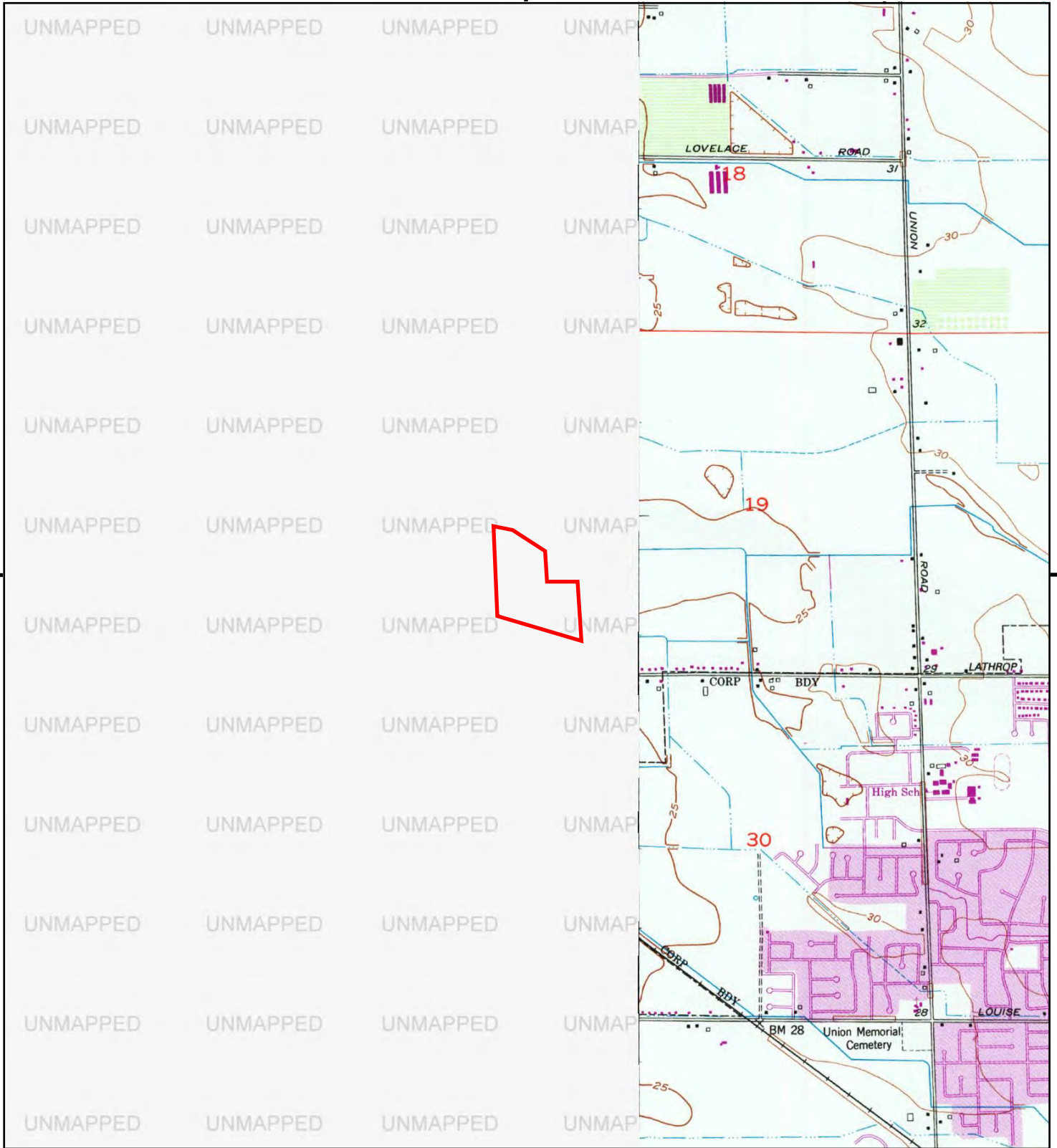
This report includes information from the following map sheet(s).



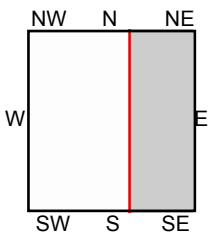
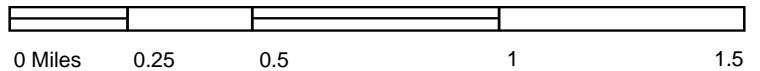
TP, Lathrop, 1994, 7.5-minute  
E, Manteca, 1994, 7.5-minute

**SITE NAME:** 2205 N Airport Way  
**ADDRESS:** 2205 N Airport Way  
Lathrop, CA 95330  
**CLIENT:** Langan





This report includes information from the following map sheet(s).

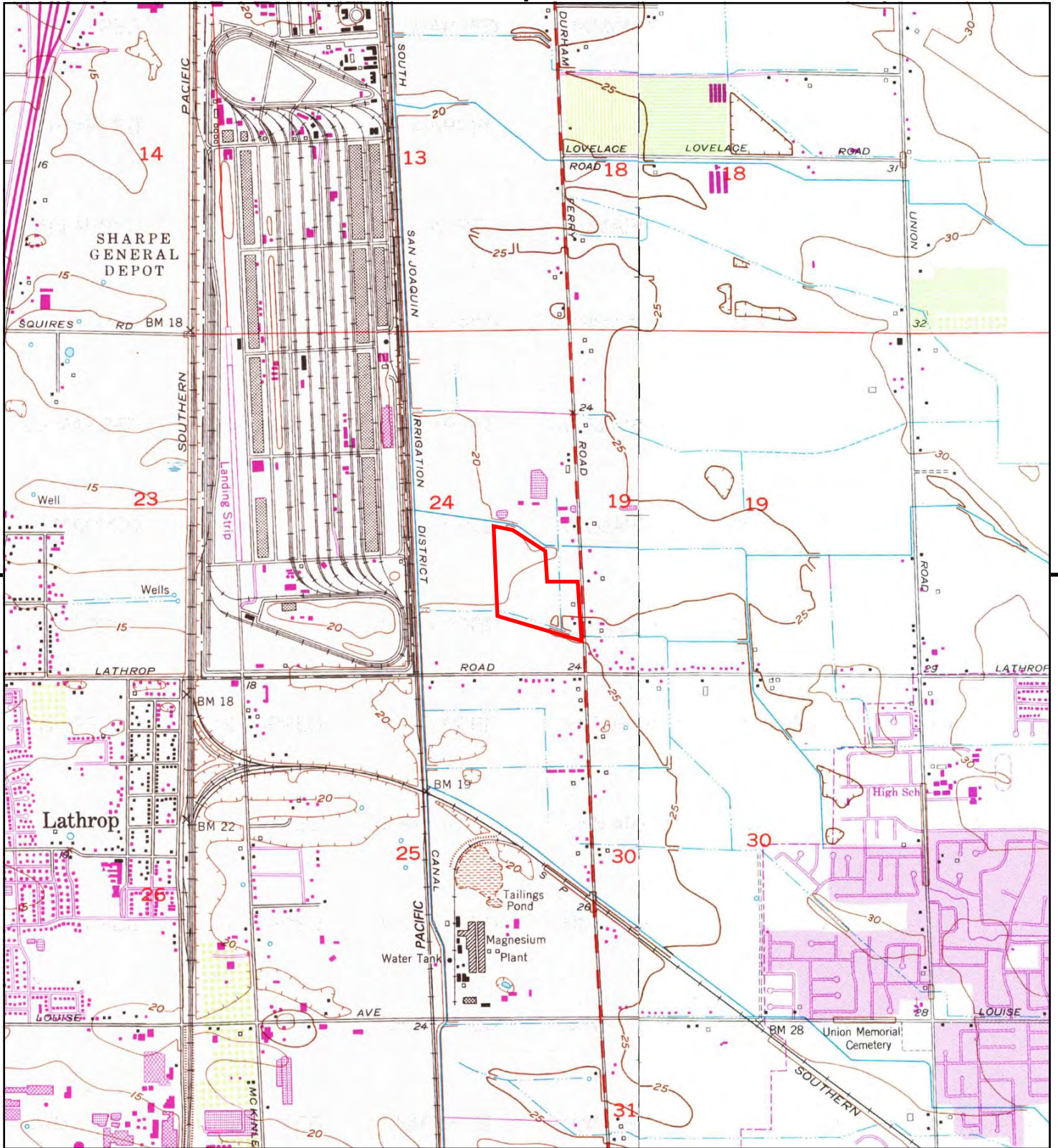


E, Manteca, 1991, 7.5-minute

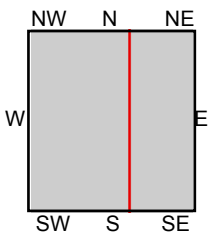
SITE NAME: 2205 N Airport Way  
 ADDRESS: 2205 N Airport Way  
 Lathrop, CA 95330  
 CLIENT: Langan







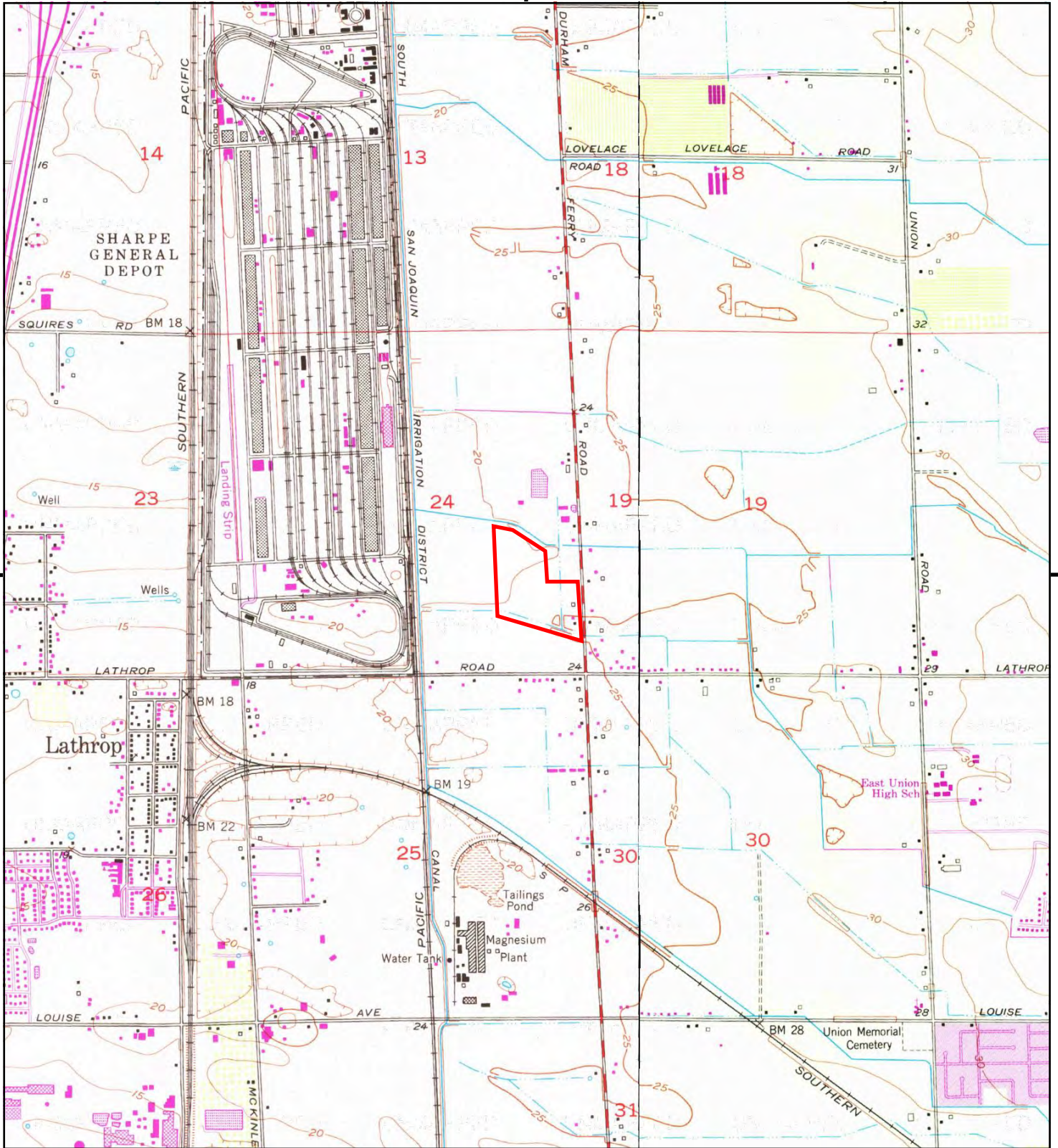
This report includes information from the following map sheet(s).



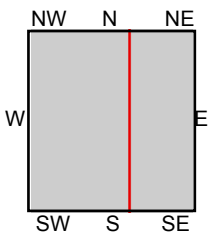
TP, Lathrop, 1987, 7.5-minute  
E, Manteca, 1987, 7.5-minute

SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop, CA 95330  
CLIENT: Langan





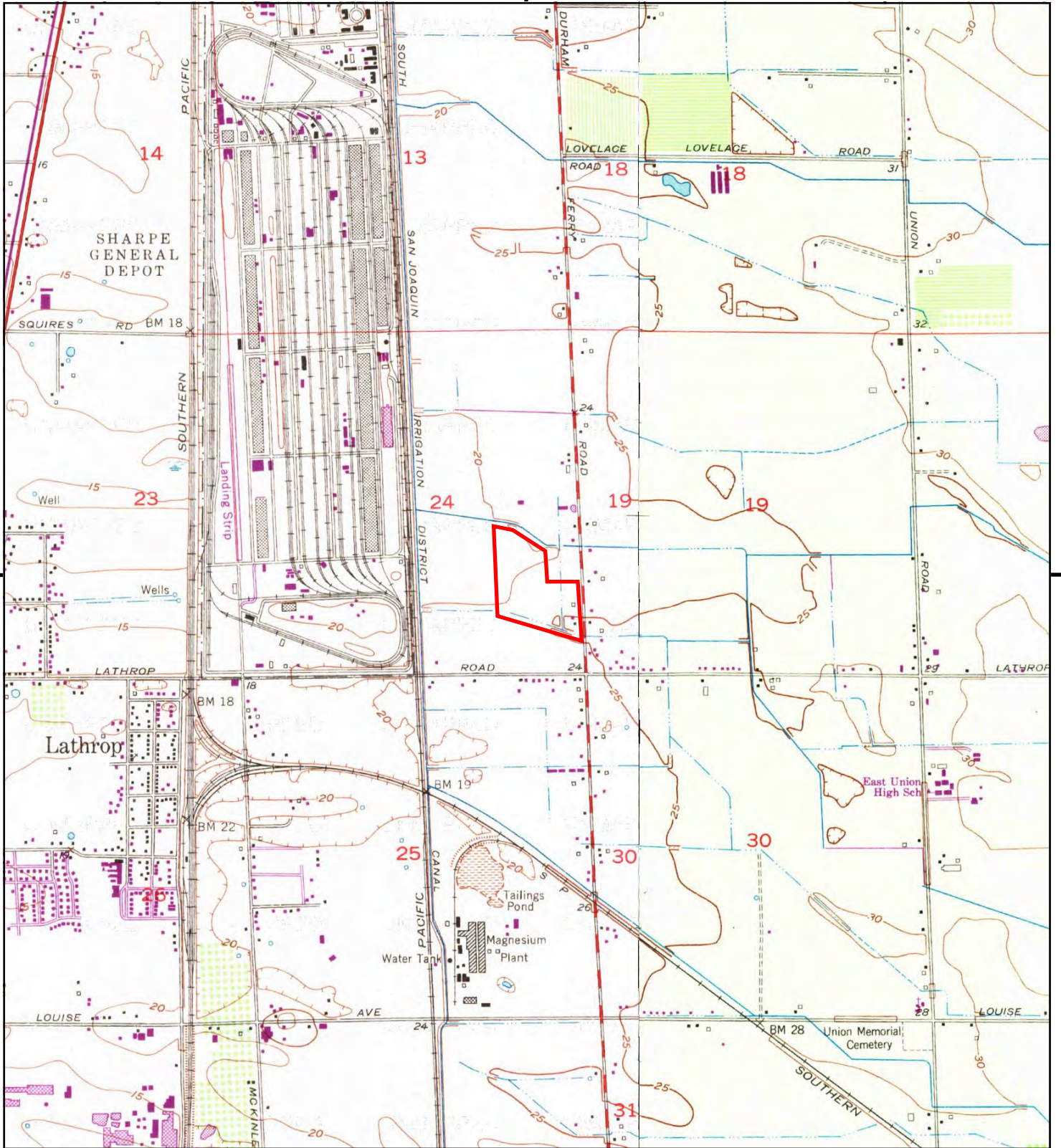
This report includes information from the following map sheet(s).



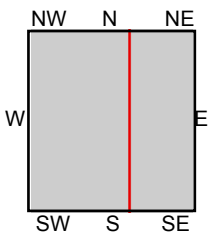
TP, Lathrop, 1976, 7.5-minute  
E, Manteca, 1976, 7.5-minute

SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop, CA 95330  
CLIENT: Langan





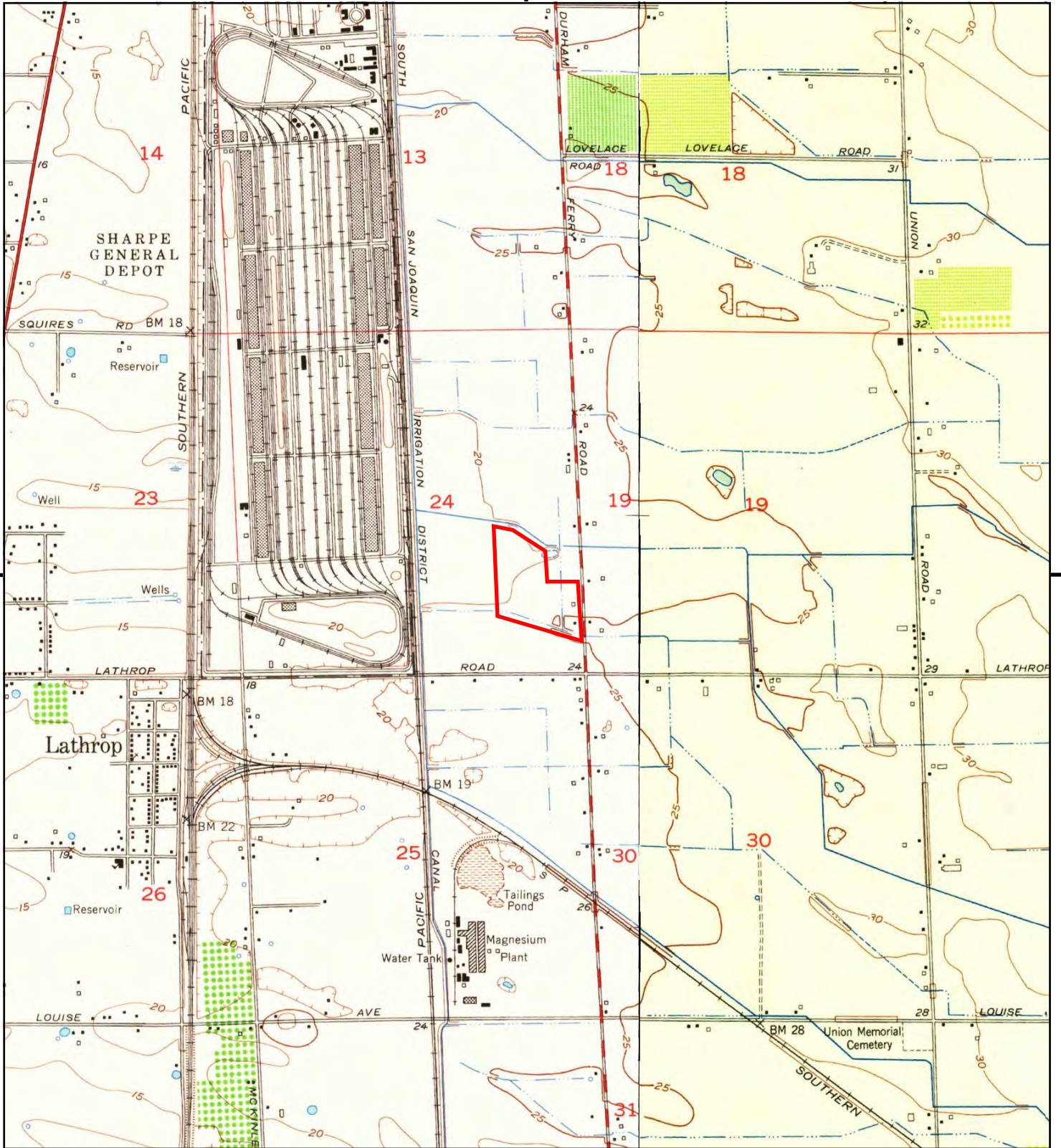
This report includes information from the following map sheet(s).



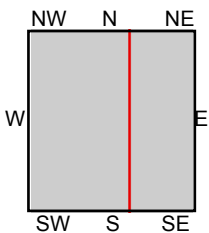
TP, Lathrop, 1968, 7.5-minute  
E, Manteca, 1968, 7.5-minute

SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop, CA 95330  
CLIENT: Langan





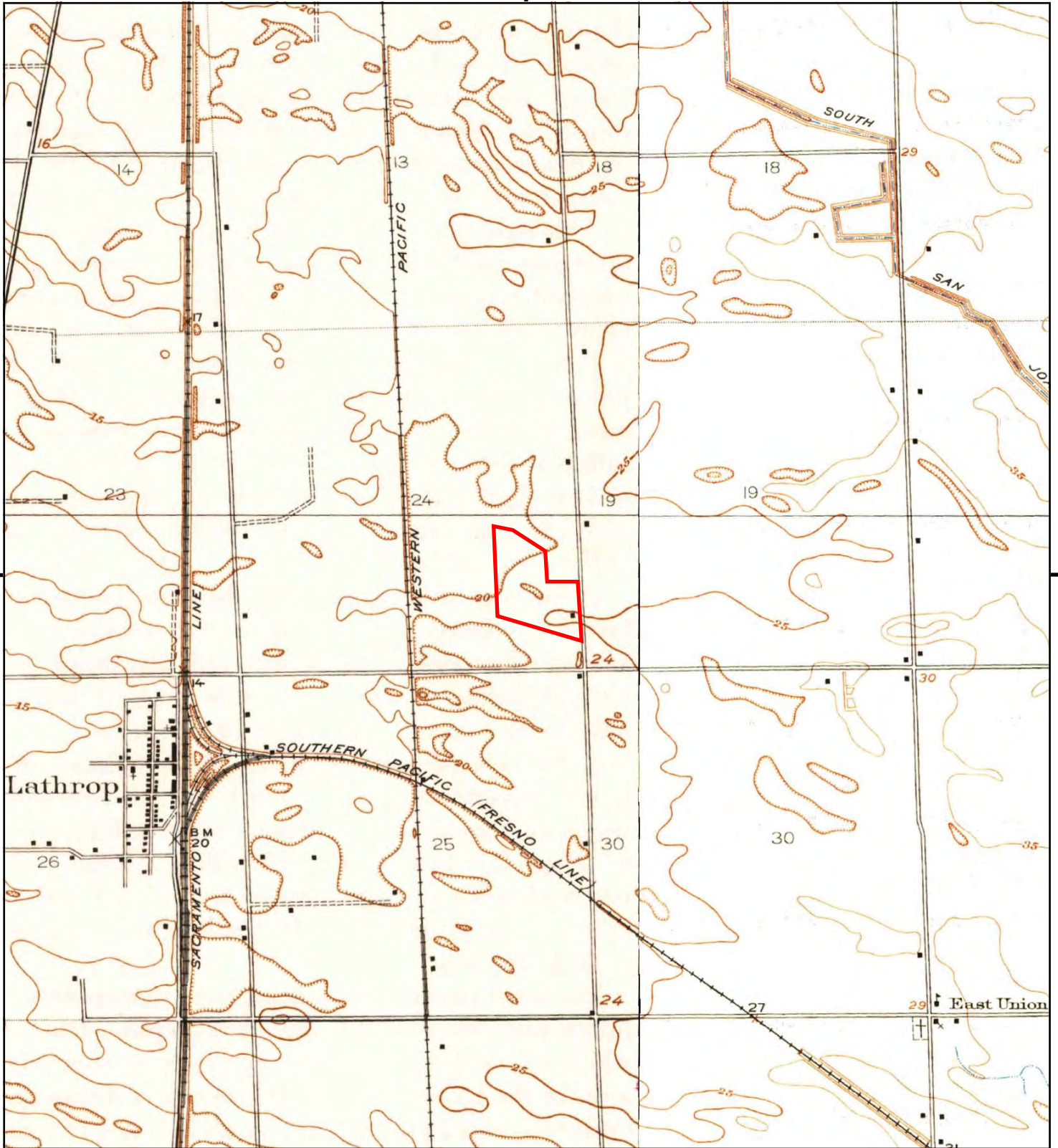
This report includes information from the following map sheet(s).



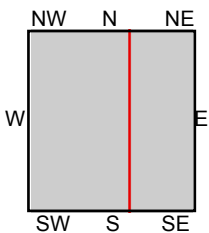
TP, Lathrop, 1952, 7.5-minute  
E, Manteca, 1952, 7.5-minute

SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop, CA 95330  
CLIENT: Langan





This report includes information from the following map sheet(s).



TP, Lathrop, 1915, 7.5-minute  
E, Manteca, 1914, 7.5-minute

SITE NAME: 2205 N Airport Way  
ADDRESS: 2205 N Airport Way  
Lathrop, CA 95330  
CLIENT: Langan



**APPENDIX G**  
**CITY DIRECTORY REPORT**

**2205 N Airport Way**

2205 N Airport Way  
Lathrop, CA 95330

Inquiry Number: 6593230.5

July 29, 2021

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1985	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1981	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1977	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1973	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

## FINDINGS

### TARGET PROPERTY STREET

2205 N Airport Way  
Lathrop, CA 95330

Year

CD Image

Source

### N AIRPORT WAY

2017	pg A1	EDR Digital Archive	
2014	pg A2	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	-	EDR Digital Archive	Target and Adjoining not listed in Source
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1981	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source
1977	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**N AIRPORT WAY 2017**

1276	RODRIGUEZ, ERNESTO J
1318	TREAT, JERALD R
1626	HAMILTON, HUMBERTO D
1940	HEPWORTH, JACK M
2350	DEGROOT, BILL
2365	CROTHALL HEALTHCARE
2487	CAL SUPREMA CHEESE COMPANY
3045	RIELLA FARMS
3050	ABORTION AID MEDICAL CLINIC
3123	FORKAS, CATHY

**N AIRPORT WAY 2014**

1276 OCCUPANT UNKNOWN,  
1318 TREAT, JERALD R  
1626 HAMILTON, HUMBERTO D  
1940 CLAYTON, SUSAN A  
2203 OCCUPANT UNKNOWN,  
2350 DEGROOT, TRUDY M  
2421 OCCUPANT UNKNOWN,  
2443 OCCUPANT UNKNOWN,  
2455 ADDONO, FRANCISCO J  
3045 MANGMORADETH, BO N  
3123 UBALLE, RICARDO

**N AIRPORT WAY 2010**

1276 OCCUPANT UNKNOWN,  
1318 TREAT, S  
1940 CLAYTON, RONALD L  
2350 DEGROOT, NICK C

**APPENDIX H**  
**RESUMES OF ENVIRONMENTAL PROFESSIONALS**



# SARAH TORKELSON

STAFF GEOLOGIST

ENVIRONMENTAL ENGINEERING

---

Ms. Torkelson has three years of experience in the environmental geology field. Her previous experience includes project task management, performing stormwater sampling to ensure the release of environmentally safe water to public water systems, coordination and conducting quarterly groundwater monitoring and sampling in response to hazardous material spills, and providing oversight of subcontractor activities such as well installations, well destructions, and soil excavations. She also has experience utilizing Grapher Software to analyze data trends and groundwater fluctuations recorded from transducers. Currently, she works to assist with completing technical Phase I & Phase II Environmental Site Assessments (ESAs), works plans, site investigation reports, site mitigation and soil management plans, and groundwater monitoring plans and reports.



## EDUCATION

B.S., Geology  
California State University,  
Chico

## CERTIFICATIONS

OSHA 40-hour  
HAZWOPER Certification

## SELECTED PROJECTS

---

- Century Center Dry Cleaners, Remediation Implementation, Modesto, CA
- Sleep Train Arena, Phase I ESA, Sacramento, CA
- 2055 N. Airport Way, Phase I ESA, Sacramento, CA
- 42021 Osgood Road, Phase I ESA, Fremont, CA
- 1023 Mission Street, Site Mitigation Plan, San Francisco, CA
- 1353 Yosemite Avenue, Soil Management Plan, San Francisco, CA
- 1389 Moffett Park Drive, Phase II ESA, Sunnyvale, CA

# PETER CUSACK

SENIOR ASSOCIATE / VICE PRESIDENT

ENVIRONMENTAL ENGINEERING

---

Mr. Cusack has 30 years of experience managing and implementing hazardous waste characterization and remediation projects. His experience includes pre-acquisition site assessments, site investigations, removal of underground storage tanks, Phase II investigations, soil and groundwater sampling and remediation, development of soil management plans, aquifer pumping tests, contractor oversight, and field inspection for numerous construction projects and preparation of site closure reports. His work is often done in coordination with our geotechnical practice. He has extensive experience in site investigations and regulatory agency interaction prior to and during new construction/development.



## SELECTED PROJECTS

---

- Environmental Site Assessments, Numerous Throughout the Bay Area
- Soil and Groundwater Site Investigations, Over 175 Throughout the Bay Area

### *Academic*

- National Center for International Schools, San Francisco, CA
- UCSF Mission Bay Campus, San Francisco, CA
- University of San Francisco, Malloy Hall, San Francisco, CA
- Campus Community Center, Building 21B, Mission Bay, San Francisco, CA
- Hastings College of Law Property, San Francisco, CA
- San Jose Evergreen Community College District, South Campus Development & Automotive Tech Building, San Jose, CA (Project Manager)
- Tenderloin Elementary School, San Francisco, CA

### *Affordable Housing*

- 2060 Folsom Street, Chinatown Community Development Center (CCDC) & Mission Economic Development Agency (MEDA), San Francisco, CA
- Firehouse Square, MidPen Housing Corp, Belmont, CA
- Brooklyn Basin Parcels A and F, MidPen Housing Corp, Oakland, CA
- Downtown San Mateo Parcels, MidPen Housing Corp, San Mateo, CA
- 1178 Sonora Court, MidPen Housing Corp, Sunnyvale, CA
- 707 Bradford Street, MidPen Housing Corp, San Mateo, CA
- 9th and Jessie Street, Multi-Family Residential, San Francisco, CA
- Hotel Essex, 684 Ellis Street, Mercy Housing, San Francisco, CA
- Natalie Gubb Commons, Transbay Block 7 | Mercy Housing, San Francisco, CA
- Mission Bay Block 6 West | Mercy Housing, San Francisco, CA
- 1064 Mission | Mercy Housing, San Francisco, CA
- 600 7<sup>th</sup> Street | Mercy Housing, San Francisco, CA
- Casa de la Mission | Mercy Housing, San Francisco, CA

## EDUCATION

Bachelor of Technology,  
Civil Engineering  
Rochester Institute of  
Technology

## PROFESSIONAL REGISTRATION

Registered Environmental  
Assessor

40-Hour Hazardous Waste  
Operations and  
Emergency Response  
Standard (HAZWOPER)

C4 HAZWOPER  
Supervisor

First Aid and CPR

Contractor State License  
#979216, Class A, HAZ

## AFFILIATIONS

National Ground Water  
Association,

1992- Present

## PETER CUSACK

---

- Bill Sorro Community, 200 Sixth Street | Mercy Housing, San Francisco, CA
- 10th & Mission Family Housing | Mercy Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 1180 Fourth Street | Mercy Housing, San Francisco, CA
- 1300 Roosevelt Avenue (Hacienda Project) | Mercy Housing, Richmond, CA
- 165 Eighth Street | Mercy Housing, San Francisco, CA
- 201 Turk Street, Affordable Multi-Family Residential, San Francisco, CA
- 6730 Mission | Mercy Housing, Daly City, CA
- 99 School Street | Mercy Housing, Daly City, CA
- Civic Center Residence | TNDC, 44 McAllister Street, San Francisco, CA
- Edith Witt Senior Community, Ninth & Mission | Mercy Housing, San Francisco, CA
- Episcopal Community Services (ECS) of San Francisco, 165 8<sup>th</sup> Street, San Francisco, CA
- Kelly Cullen Community, 220 Golden Gate Avenue | TNDC, San Francisco, CA
- Mid-Peninsula Housing, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Mateo, CA
- Openhouse (formerly Richardson Hall), 55 Laguna | Mercy Housing, San Francisco, CA
- Parkview Terraces, Parcel A, Mixed-Use Affordable Housing, San Francisco, CA
- Richardson Hall, 55 Laguna | Mercy Housing, San Francisco, CA
- Saint Anthony Foundation, 121 Golden Gate Avenue | Mercy Housing, San Francisco, CA
- Hotel Essex, 684 Ellis Street | Mercy Housing, San Francisco, CA

### ***Multi-Family Residential***

- Midway Village Multi-Family, Daly City, CA
- 5M Development, San Francisco, CA
- Brannan Square, 200 Brannan Street, Multi-Family Residential (New Building and Renovation of a Warehouse), San Francisco, CA
- 2090 South Delaware Street Apartments, San Mateo, CA
- 2121 Third Street, Multi-Family Residential, San Francisco, CA
- 2175 Market Street, Multi-Family Residential, San Francisco, CA
- 300 Spear Street, Multi-Family Residential, San Francisco, CA
- 333 First Street, Multi-Family Residential, San Francisco, CA
- 41 Tehama, Multi-Family Residential High-Rise with 5-Level Underground Parking, San Francisco, CA
- 4606 Almaden Expressway, Multi-Family Residential, San Jose, CA
- 750 Second Street, Multi-Family Residential, San Francisco, CA
- Boynton Place, 970 Boynton Avenue, San Jose, CA
- Lumina, 201 Folsom Street, Multi-Family Residential, San Francisco, CA
- One South Market Street, Multi-Family Residential, San Jose, CA
- Parcel N4AP1, Mission Bay, Multi-Family Residential, San Francisco, CA
- Parcels N3AP2 & N3P2, Mission Bay, San Francisco, CA
- Portside North Residential High-Rise, San Francisco, CA
- Post Street Tower, Downtown Apartments, San Jose, CA

## PETER CUSACK

---

- Radiance at Mission Bay (Buildings 10 and 10A), Multi-Family Residential, Mission Bay, San Francisco, CA
- Silvery Towers, San Jose, CA
- The Metropolitan Condominiums, 333 First Street, San Francisco, CA
- Transbay Block 8, Luxury Residential Tower, San Francisco, CA
- Tasman East Developments, Parcels 57 and 61-64, Santa Clara, CA
- 375 Knowles Drive, Los Gatos, CA
- SJSC Towers, Multi-Family Residential, San Jose, CA
- 411-541 Middlefield Road, Redwood City, CA

### ***Mixed Use***

- Oceanwide Center, Office High-Rise and Residential High-Rise, San Francisco, CA
- Bascom Creekside, Mixed-Use Development, Campbell, CA
- Modera San Pedro Square, Infill Mixed-Use Development, San Jose, CA
- Modera The Alameda, Community Development (Residential/Retail), San Jose, CA
- Transbay Block 6, Mixed-Use Residential/Retail High-Rise, San Francisco, CA

### ***Hotel & Retail***

- International Hotel Site, San Francisco, CA
- 1165 East Arques Avenue, Fitness Center, Sunnyvale, CA
- Potrero Center, Large Shopping Development, San Francisco, CA
- The Oaks Shopping Center, 21255 Stevens Creek Boulevard, Cupertino, CA

### ***Stadiums and Arenas***

- San Jose Earthquakes Stadium, San Jose, CA

### ***Transportation***

- New Transbay Transit Center, San Francisco, CA
- Temporary Transbay Terminal, San Francisco, CA
- Coast Guard Island Bridge, Alameda, CA
- Islais Creek RR Bridge, San Francisco, CA
- Lambert Bridge, Healdsburg, CA
- Illinois Street Bridge, San Francisco, CA,

### ***Office***

- Intuit Campus Center, Mountain View, CA
- Intuit Marine Way, Mountain View, CA
- Genetics and Developmental Science Building, Building 19B, Phases I & II ESAs, Soil Management Plan, and Closure Report, Mission Bay, San Francisco, CA
- Salesforce Tower, San Francisco, CA
- 535 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 555 Mission Street, Office High-Rise, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- 575 Middlefield Road, Mountain View, CA
- 5812 Hollis Street, Phases I & II ESAs, Soil Management Plan, and Closure Report, Emeryville, CA

## PETER CUSACK

---

### ***Parks and Recreation***

- Hilltop Park Renovation, San Francisco, CA
- Sharp Park, San Francisco Recreation Department, Pacifica, CA

### ***Healthcare***

- Kaiser Center, Oakland, CA
- Kaiser Mission Bay, San Francisco, CA
- VA Palo Alto, Palo Alto, CA

### ***Data Centers, Manufacturing and Warehouses***

- Monarch Mirror Manufacturing Facility, Vallejo, CA
- Buena Park Distribution Facility, Buena Park, CA
- Equinox Data Center, SV10 and SV-11, San Jose, CA
- La Habra Distribution Facility, La Habra, CA
- The Stanley Works, Groundwater Remediation, Pittsburg, CA

### ***Parking Garages***

- Hearst Garage, San Francisco, CA
- Genentech Parking Structures, South San Francisco, CA
- Mission Bay Parking Garage, San Francisco, CA
- Parking Garage, Building 21A, Mission Bay, Phases I & II ESAs, Soil Management Plan, and Closure Report, San Francisco, CA
- San Francisco Airport Parking Garage, South San Francisco, CA
- Vallejo Station Parking Garage, Soil Management Plan and Construction Oversight, Vallejo, CA
- VTA Parking Structure – Berryessa, San Jose, CA
- VTA Parking Structure – Milpitas, Milpitas, CA

### ***Government***

- City of San Pablo, Phase I and II ESAs, San Pablo, CA
- Santa Clara County Family Courthouse, 170 Park Avenue, San Jose, CA

### ***Miscellaneous***

San Jose Bus Station (Formerly Greyhound), 60 Almaden Avenue, San Jose, CA

---

APPENDIX G: MANTECA COMMERCIAL PROJECTS LIST

## CITY OF MANTECA COMMERCIAL DEVELOPMENT PIPELINE REPORT

Status as of August 1, 2022

### UNDER CONSTRUCTION / IMPROVEMENT PLANS / READY TO BUILD

Name	Project #	Description	Location	Developer/Builder
BBVA - ATM Install	MPM-21-141	Add new ATM	201 N Main St	KESA / James Spix
Austin Self Storage	SPC-20-094	New 50,820 sqft storage with 1420 sqft office	183 S. Austin Rd	John Pinedo
7 ELEVEN	SPC-20-31	Convenience store and fuel pumps	1110 N MAIN ST	JM Stitt Construction
TRU HOTEL	SPC-19-045	4 story hotel with 78 rooms	180 Northwoods Ave	SPJ Construction
STAYBRIDGE SUITES	SPC-18-126	4 story hotel with 101 rooms	1878 Daniels St	SPJ Construction
NUR AL-HUDA ACADEMY	SPC-18-054	29,420 sqft building classrooms only	1085 S Union	Nur Al-Huda Academy Corp
Manteca Medical Building	LLA-22-002	Lot line adjustment	2077 W Yosemite Ave	MPVCA Manteca LLC/Indrajit Obeysekere
Manteca Assisted Living	SPC-18-092	Assisted living facility, 88 beds	1852 W Yosemite Ave	Sandip Patel
Chevron/Extra Mile	SPC-20-129	Fueling station w/ convenience store and car wash	1495 S. Union Rd	Philip King

### ENTITLED/NOT YET UNDER CONSTRUCTION

Name	Project #	Description	Location	Developer/Builder
U-Haul Storage	UPJ-21-090	Conversion of K-Mart to U-Haul moving and storage	255 Northgate Dr	U-Haul / Chris Trudell
Pinkberry	SPC-21-084	Drive-thru yogurt store	603 E Yosemite Ave	Magallon Construction co / Manuel Magallon

<b>Name</b>	<b>Project #</b>	<b>Description</b>	<b>Location</b>	<b>Developer/Builder</b>
Rotten Robbie	SPC-19-109	4800 sqft convenience store and fuel station	1014 S. Airport Way	Dave Mordic & Project Manager, John Hicks
Woodbridge West Retail	SPC-20-080	Commercial shopping center	Lathrop Rd	Rod Alonzo & Art Nunes
CenterPoint South	SPC-19-155	Two concrete tilt-up wall warehouse buildings	2205 N. Airport Way	MCR Engineering/Shawn Samaniego
B.E.S.T. Office Building	SPC-21-021	9660 sqft office building w/ 1800 sqft storage	398 W Lathrop Rd	Jeff Sales
Container Yard 2 Revision	SPN-19-162	Modification to previously approved site plan	2205 N. Airport Way	MCR Engineering/Shawn Samaniego
Raymus Development Office Building SPC	SPC-21-074	Warehouse/office building	617 W Yosemite Ave	Jag Construction
Funsten Fence	MPM-22-017	Fence construction border of property	105 Industrial Park Dr	Gary Burkert
E Wetmore Office and Warehouse	SPC-21-127	Office and warehouse	470 E Wetmore St	Ken Fong
Kaiser Emergency Dept. Ext. Canopy	MPM-21-069	Emergency room canopy	1777 W Yosemite Ave	Teter, LLP
ST ANTHONY'S CHURCH PARKING EXPANSION	MPM-20-054	Parking lot expansion	427 & 443 E North St	St Anthony's Church
ARCO EXPANSION	SPC-20-003	17 new storage bldgs	1654 n Main St	Krystina Uribes
Warehouse Remodel & Conversion	MPM-21-62	Remodel existing storage warehouse.	400 Industrial Park	Zacharia Chemanooru
Sunny Valley Meats Expansion	SPC-21-061	87,071 sqft meat products processing facility	2427 W Yosemite Ave	Sunny Valley Meats
147 & 165 Commerce Ave	SPC-21-162	Retail strip building	147 & 165 Commerce Ave	Kunba Enterprise LLC
Loma Brewing	SPC-22-009	Beer garden and brewery	1077 Milo Candini Dr	Loma Brewing / Kevin Youkilis



Name	Project #	Description	Location	Developer/Builder
Deaf Puppy Comedy Club	UPJ-22-043	Renovate 4,000 sf existing space for a comedy club	127 N Main Street	Chris Teicheira

IN APPLICATION / UNDER REVIEW

Name	Project #	Description	Location	Developer/Builder
Daniels Center	SPC-21-101 UPN-21-102	QSR store, car wash, gas station, and convenience store	212 S Daniels St	Jaspal Kamboj
Yosemite Retail	SPC-21-149	Proposed quick serve restaurant, 200 sqft with car wash and fueling station	1901 E Yosemite Ave	Major Singh
226-100-20 Annexation	ANX-21-172	Annex existing home site parcel into the City	7189 E Sedan Ave	NorthStar Engineering Group
AT&T Cell Tower CVL00841	UPJ-22-003	Install new cell tower	815 W Lathrop Rd	New Cingular Wireless / Carl Jones
Crossroads Plaza	GPA-22-004	Convenience store w/ fuel pumps	2064 N Union Rd	Merced 18, LLC
SR120/McKinley Interchange LLA	LLA-21-038	Lot line adjustment	2819 & 2881 Bronzan Rd	City of Manteca
36&48 Lot Line Dilip Dr (Griffin Park)	LLA-22-001	Lot line adjustment	2392 Dilip Drive	Griffin Park Development Co/Toni Raymus
Griffin Park Unit 2 LLA	LLA-22-010	Lot line adjustment	1374 Oleander & 1450 S Airport	Pillsbury Road Partners
Griffin Park Phase D Lots 19 & 20	LLA-22-026	Lot line adjustment	2565 & 2559 Tinnin Rd	Demitri Filios
Warehouse Remodel & Conversion	MPM-20-090	Remodel existing storage warehouse	221 Oak St	Zacharia Chemanooru
American Modular Systems	MPM-21-158	3963 sqft office expansion	787 Spreckles Ave	Loren Aiton
Prologis/Spreckels Distribution Center	SPC-17-011	305,000 sqft dist center	407 Spreckels Av	Amanda Criscione

Name	Project #	Description	Location	Developer/Builder
Maverik Service Station SPC	SPC-21-064	6130 sqft convenience store w/ 15 fuel pumps	1527 S Airport Way	Maverik, Inc.
Lathrop Diesel Fueling Canopy	SPC-21-120	Diesel fuel canopy	2064 Crestwood Ave	ASP Petroleum Inc/ Sarvjit Singh
GBX at CenterPoint	SPC-21-136	Construct 280,983 sqft dist warehouse	2205 N Airport Way	Lone Oak / Pehr Peterson
AT&T Cell Tower CVL00836	UPJ-21-166	Install new cell tower	1125 N Union Rd	New Cingular Wireless / Carl Jones
Manteca Marriott Courtyard	PCD-22-019	117 guestroom hotel	2303 W Atherton Dr	Atherton Hospitality
Walmart Expnsion Store #1840	MPM-22-028	2843 sqft expansionfor grocery pickup	1205 S Main St	WD Partners
Market Place at Main (Savemart)	SPC-21-153	110,000 SF retail center	Southwest corner of Atherton and Main	Cal Gold
Standard Plumbing Supply	MPM-22-038	4560 sq ft warehouse addition	105 Northgate	Skarphol/Frank Associates
Spreckles Retail	SPC-22-039	7560sf single story commercial building	130 Spreckles Ave	Ashley Investments, LLC
Cabral-Jeep Dealershop Renovation	PST-22-040	Renovate existing dealership building.	1115 W Yosemite Ave	Cabral Chrysler Dodge
Airport Business Centre (North)	SPC-22-045	360,000sf distribution building	3045,3123 & 3157 N Airport Way	Greenlaw Development, LLC
Harris Lot Line Adjustment	LLA-22-55	Proposed Lot Line adjustment between Harris property and Thiara property	2303 W Atherton Dr	Burrell Consulting Group
Storage Building	MPM-22-56	Building a 45x30ft steel storage building for golf carts and parts	842 W Yosemite Ave	Erick Mendoza Bravo
Valley Medical	SPC-22-59	Three Medical Buildings at 25,039 SF	1132 Norman Dr	DME, LLC

Name	Project #	Description	Location	Developer/Builder
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## APPENDIX H: RESPONSE TO COMMENTS

## LIST OF COMMENTERS

Table 1 lists the comments on the Draft IS/MND that were submitted to the City of Manteca (City) during the public review period for the proposed Mitigated Negative Declaration. CEQA statutes do not require a formal response to comment for an Initial Study, however, the City has chosen to provide formal responses to all comment letters for informational purposes. The assigned comment letter or number, letter date, letter author, and affiliation, if presented in the comment letter or if representing a public agency, are also listed. Letters received are coded with letters (A, B, etc.).

**TABLE 1 LIST OF COMMENTERS ON DRAFT IS/MND**

<i>RESPONSE LETTER</i>	<i>INDIVIDUAL OR SIGNATORY</i>	<i>AFFILIATION</i>	<i>DATE</i>
A	Unidentified	Native American Heritage Commission	6-20-22
B	Laurel Boyd	San Joaquin Council of Governments	6-21-22
C	Peter Minkel	Central Valley Regional Water Quality Control Board	7-22-22
D	Brian Clements	San Joaquin Valley Air Pollution Control District	7-22-22
E	Gary Ho	Blum Collins & Ho, LLP	7-22-22

## COMMENTS AND RESPONSES

The lead agency is evaluating and responding to all comments on the that regard an environmental issue. The written response addresses the environmental issue raised and provides a detailed response. The written response is a good faith and reasoned analysis. It is noted that lead agencies need only to respond to significant environmental issues associated with the proposed Project and do not need to provide all the information requested by the commenter, as long as a good faith effort at full disclosure.

## RESPONSES TO COMMENT LETTERS

Written comments on the CEQA document are reproduced on the following pages, along with responses to those comments. To assist in referencing comments and responses, the following coding system is used:

- Each letter is lettered or numbered (i.e., Letter A) and each comment within each letter is numbered (i.e., comment A-1, comment A-2).

## RESPONSE TO COMMENTS

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**smcmurtry@denovoplanning.com**

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**Subject:** FW: Distribution - Notice of Intent for IS-MND for GBxManteca  
**Attachments:** NOI - Manteca GBx.pdf

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**From:** NAHC@NAHC <[NAHC@nahc.ca.gov](mailto:NAHC@nahc.ca.gov)>  
**Sent:** Monday, June 20, 2022 1:22 PM  
**To:** Smith, Kristy <[ksmith@ci.manteca.ca.us](mailto:ksmith@ci.manteca.ca.us)>  
**Cc:** Torres-Fuentes, Pricilla@NAHC <[Pricilla.Torres-Fuentes@nahc.ca.gov](mailto:Pricilla.Torres-Fuentes@nahc.ca.gov)>  
**Subject:** RE: Distribution - Notice of Intent for IS-MND for GBxManteca

**WARNING!** This email originated from outside the city. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Thank you for your message. We're in receipt of your request. We have recently hired new staff, and this change in our office is creating some delays. We estimate a turn-around time of 6-8 weeks and don't anticipate responding sooner than the end of that time frame. Please let us know if you have any questions.

Kind regards,

**Native American Heritage Commission**  
1550 Harbor Blvd. Suite 100  
West Sacramento, CA 95691  
(916) 373-3710

A-1

**Response to Letter A: Native American Heritage Commission**

**Response A-1:** This commenter states that they are in receipt of the request, and explains that they are not able to respond within the statutory 30-day requirement due to having recently hired new staff. This comment is noted.



**S J C O G, Inc.**

555 East Weber Avenue • Stockton, CA 95202 • (209) 235-0600 • FAX (209) 235-0438

*San Joaquin County Multi-Species Habitat Conservation & Open Space Plan (SJMSCP)*

**SJMSCP RESPONSE TO LOCAL JURISDICTION (RTL)  
ADVISORY AGENCY NOTICE TO SJCOG, Inc.**

**To:** Mallorie Fenrich, City of Manteca, Community Development Department  
**From:** Laurel Boyd, SJCOG, Inc. Phone: (209) 235-0574 Email: boyd@sjcog.org  
**Date:** June 21, 2022  
**Local Jurisdiction Project Title:** Notice of Intent to Adopt a Mitigated Negative Declaration for the GBxManteca Project  
**Assessor Parcel Number(s):** 198-030-38  
**Local Jurisdiction Project Number:** N/A  
**Total Acres to be converted from Open Space Use:** Unknown  
**Habitat Types to be Disturbed:** Urban Habitat Land **(Mitigated in 2019)**  
**Species Impact Findings:** Findings to be determined by SJMSCP biologist.

Dear Ms. Fenrich:

SJCOG, Inc. has reviewed the application referral for the Notice of Intent to Adopt a Mitigated Negative Declaration for the GBxManteca Project. This project consists of an existing Container Yard for the future use of a beverage distribution facility that generates 132 Truck Trips per day, and 530 passenger vehicle trips per day. The parking area is designed with 251 car parking stalls, and 56 trailer stalls. The facility will provide temporary warehousing of beverage products, office administration of where house on site, and truck maintenance on site. The facility will be a 295,176 square-foot tilt up concrete building with 40 truck docks and 3 bay truck maintenance facilities. The project site is located north of W Lathrop Road and west of Airport Way, Manteca (APN/Address: 198-030-38/2261 Operation Place, Manteca).

The City of Manteca is a signatory to San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP). Participation in the SJMSCP satisfies requirements of both the state and federal endangered species acts, and ensures that the impacts are mitigated below a level of significance in compliance with the California Environmental Quality Act (CEQA). The LOCAL JURISDICTION retains responsibility for ensuring that the appropriate Incidental Take Minimization Measure are properly implemented and monitored and that appropriate fees are paid in compliance with the SJMSCP. Although participation in the SJMSCP is voluntary, Local Jurisdiction/Lead Agencies should be aware that if project applicants choose against participating in the SJMSCP, they will be required to provide alternative mitigation in an amount and kind equal to that provided in the SJMSCP.

B-1

***This project is not subject to participate at this time due to structure and ground disturbance already existing. Any future structures that require ground disturbance on this or subsequent divided parcels will be subject to participate in the SJMSCP and should be resubmitted to this agency.***

*It should be noted that if this project has any potential impacts to waters of the United States [pursuant to Section 404 Clean Water Act], it would require the project to seek voluntary coverage through the unmapped process under the SJMSCP which could take up to 90 days. It may be prudent to obtain a preliminary wetlands map from a qualified consultant. If waters of the United States are confirmed on the project site, the Corps and the Regional Water Quality Control Board (RWQCB) would have regulatory authority over those mapped areas [pursuant to Section 404 and 401 of the Clean Water Act respectively] and permits would be required from each of these resource agencies prior to grading the project site.*

If you have any questions, please call (209) 235-0600.



**Response to Letter B: San Joaquin Council of Governments**

**Response B-1:** This commenter states that the Project site was already mitigated in 2019. They note that the proposed Project is not due to participate in the SJMSCP given that there is existing ground disturbance associated with the previously approved project. The comment indicates that future structures should be resubmitted to their agency. This comment is noted.



Central Valley Regional Water Quality Control Board

22 July 2022

Mallorie Fenrich
City of Manteca
1215 West Center Street, Suite 201
Manteca, CA 95337
mfenrich@ci.manteca.ca.us

COMMENTS TO REQUEST FOR REVIEW FOR THE MITIGATED NEGATIVE DECLARATION, GBXMANTECA PROJECT, SCH#2022060520, SAN JOAQUIN COUNTY

Pursuant to the State Clearinghouse's 23 June 2022 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the Request for Review for the Mitigated Negative Declaration for the GBxManteca Project, located in San Joaquin County.

C-1

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore, our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

C-2

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | www.waterboards.ca.gov/centralvalley

Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/)

C-2 Cont'd

**Antidegradation Considerations**

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:  
[https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/sacsjr\\_2018\\_05.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_2018_05.pdf)

In part it states:

*Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.*

C-3

*This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.*

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

**II. Permitting Requirements**

**Construction Storm Water General Permit**

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:  
[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/constpermits.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml)

C-4

**Phase I and II Municipal Separate Storm Sewer System (MS4) Permits<sup>1</sup>**

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

C-5

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/storm\\_water/municipal\\_permits/](http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/)

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:

[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/phase\\_ii\\_municipal.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml)

**Industrial Storm Water General Permit**

Storm water discharges associated with industrial sites must comply with the regulations contained in the Industrial Storm Water General Permit Order No. 2014-0057-DWQ. For more information on the Industrial Storm Water General Permit, visit the Central Valley Water Board website at:

C-6

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/storm\\_water/industrial\\_general\\_permits/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/industrial_general_permits/index.shtml)

**Clean Water Act Section 404 Permit**

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

C-7

**Clean Water Act Section 401 Permit – Water Quality Certification**

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic

<sup>1</sup> Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: [https://www.waterboards.ca.gov/centralvalley/water\\_issues/water\\_quality\\_certification/](https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/)

C-7 Cont'd

**Waste Discharge Requirements – Discharges to Waters of the State**

If USACE determines that only non-jurisdictional waters of the State (i.e., "non-federal" waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at: [https://www.waterboards.ca.gov/centralvalley/water\\_issues/waste\\_to\\_surface\\_water/](https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/)

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at: [https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2004/wqo/wqo2004-0004.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf)

**Dewatering Permit**

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

C-8

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at: [http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2003/wqo/wqo2003-0003.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf)

## RESPONSE TO COMMENTS

GBxManteca Project  
San Joaquin County

- 5 -

22 July 2022

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at:  
[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/waivers/r5-2018-0085.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf)

### **Limited Threat General NPDES Permit**

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/general\\_orders/r5-2016-0076-01.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf)

C-8 Cont'd

### **NPDES Permit**

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: <https://www.waterboards.ca.gov/centralvalley/help/permit/>

C-9

If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

*Peter Minkel*

Peter Minkel  
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research,  
Sacramento

**Response to Letter C: Central Valley Regional Water Quality Control Board**

**Response C-1:** This comment is noted. This comment serves as an introduction to the letter and does not warrant a response. No further response is necessary.

**Response C-2:** The comment provides background information regarding the responsibilities of the Central Valley Regional Water Quality Control Board (RWQCB). This information further elaborates on regulatory information regarding the Water Quality Control Plan for the Central Valley Region (Basin Plan), which is the guiding document for water quality and sustainable groundwater management in the region. Hydrology and Water Quality is discussed on pages 66 through 71 of the Initial Study, and in Section 3.8 of the Draft EIR for the Northwest Airport Way Master Plan. No further response is necessary.

**Response C-3:** The comment provides information regarding “Antidegradation Considerations,” including the Basin Plan’s policy and analysis requirements for National Pollutant Discharge Elimination System (NPDES) and Waste Discharge Requirement (WDR) permitting. Hydrology and Water Quality is discussed on pages 66 through 71 of the Initial Study, and in Section 3.8 of the Draft EIR for the Northwest Airport Way Master Plan. Mitigation Measures HYD-1, HYD-2, and HYD-4 for the Northwest Airport Way Master Plan are aimed at reducing water quality impacts. The proposed Project is subject to the requirements of the NPDES and WDR, which are existing regulatory requirements. No further response is necessary.

**Response C-4:** The comment identifies construction storm water permit requirements for projects that disturb one or more acres of soil or are part of a larger plan that in total disturbs one or more acres of soil. These are regulatory requirements that require the Project Applicant to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction Activities (Construction General Permit), Construction General Permit Order No. 2009-009-DWQ. To do so, the applicant(s) must prepare a Project-specific Stormwater Pollution Prevention Plan (SWPPP), which would incorporate BMPs in order to prevent or reduce to the greatest extent feasible adverse impacts to water quality from erosion and sedimentation. Mitigation Measure HYD-1 specifically requires the preparation of a SWPPP and implementation of BMPs. The proposed Project would comply with the General Construction Stormwater Permit from the Central Valley RWQCB.

**Response C-5:** The comment identifies construction storm water permit requirements MS4 permit requirements. The City is classified as a Phase II city by the State Water Resources Control Board. As such, the City, and consequently new development, is required to comply with the State Board’s storm water National Pollutant Discharge Elimination System (NPDES) permit for Phase II cities.

**Response C-6:** This comment identifies industrial storm water general permit requirements associated with Industrial Storm Water General Permit Order No. 2014-0057-DWQ. These are regulatory requirements that require the Project Applicant to obtain coverage under the

## RESPONSE TO COMMENTS

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General Permit for Storm Water Discharges Associated with Industrial Projects. The proposed Project would comply with the Industrial Storm Water General Permit Order No. 2014-0057-DWQ from the Central Valley RWQCB.

- Response C-7:** This comment discusses requirements of Section 404 and 401 of the federal Clean Water Act, and discharges to Waters of the State. As discussed on page 40 of the Initial Study, the Project site does not have any jurisdictional waters and is not subject to these permit requirements.
- Response C-8:** This comment discusses dewater permit requirements. Dewatering is not anticipated to be required as a result of construction of the proposed Project. However, should groundwater be encountered during construction and dewatering become necessary, the applicant would be required to seek the proper NPDES permit for dewatering activities.
- Response C-9:** This comment discusses NPDES permits, and the preparation of Waste Discharge Reports. These are regulatory requirements that require the Project Applicant operating under a NPDES permit to complete and submit a report of Waste Discharge to the Central Valley RWQCB. The proposed Project is required to comply with these requirements.





July 22, 2022

Mallorie Fenrich  
City of Manteca  
Development Services Department  
1215 W. Center St., Suite 201  
Manteca, CA 95337

**Project: Notice of Intent to Adopt a Mitigated Negative Declaration for the GBxManteca Project**

**District CEQA Reference No: 20220862**

Dear Ms. Fenrich:

The San Joaquin Valley Air Pollution Control District (District) has reviewed the Mitigated Negative Declaration (MND) from the City of Manteca (City) for the GBxManteca project. Per the MND, the project consists of a 295,176 square foot beverage distribution facility with 40 truck docks, and 3 bay truck maintenance facility (Project). The Project is located 2261 Operation Place in Manteca, CA (APN: 198-030-38)

The District offers the following comments regarding the Project:

D-1

**1) Project Related Emissions**

Based on information provided to the District, Project specific annual criteria pollutant emissions from construction and operation are not expected to exceed any of the significance thresholds as identified in the District's Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI): <https://www.valleyair.org/transportation/GAMAQI.pdf>.

**1a) Construction Emissions**

The District recommends, to reduce impacts from construction-related diesel exhaust emissions, the Project should utilize the cleanest available off-road construction equipment, including the latest tier equipment.

D-2

Samir Sheikh

Executive Director/Air Pollution Control Officer

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[www.valleyair.org](http://www.valleyair.org)

[www.healthyliving.org](http://www.healthyliving.org)



## 2) Industrial/Warehouse Emission Reduction Strategies

The District recommends the City consider the feasibility of incorporating emission reduction strategies that can reduce potential harmful health impacts, such as those listed below:

- Ensure solid screen buffering trees, solid decorative walls, and/or other natural ground landscaping techniques are implemented along the property line of adjacent sensitive receptors
- Orient loading docks away from sensitive receptors unless physically impossible
- Locate loading docks a minimum of 300 feet away from the property line of sensitive receptor unless dock is exclusively used for electric trucks
- **Incorporate signage and "pavement markings" to clearly identify on-site circulation patterns to minimize unnecessary on-site vehicle travel**
- Locate truck entries on streets of a higher commercial classification
- Ensure all portions of roof tops that are not covered with solar panels are constructed to have light colored roofing material with a solar reflective index of greater than 78
- Ensure rooftop solar panels are installed and operated to supply 100% of the power needed to operate all non-refrigerated portions of the development project
- Ensure power sources at loading docks for all refrigerated trucks have **"plugin" capacity, which will eliminate prolonged idling while loading and unloading goods**
- Incorporate bicycle racks and electric bike plug-ins
- Require the use of low volatile organic compounds (VOC) architectural and industrial maintenance coatings
- Designate an area during construction to charge electric powered construction vehicles and equipment, if temporary power is available
- Inform the project proponent of the incentive programs (e.g., Carl Moyer Program and Voucher Incentive Program) offered to reduce air emissions from the Project

D-3

## 3) Truck Routing

Truck routing involves the assessment of which roads Heavy Heavy-Duty (HHD) trucks take to and from their destination, and the emissions impact that the HHD trucks may have on residential communities and sensitive receptors. Since the Project consists of the construction and operation of a beverage distribution facility, the Project has the potential to generate HHD truck trips.

D-4

The District recommends the City evaluate HHD truck routing patterns for the Project, with the aim of limiting exposure of residential communities and sensitive

receptors to emissions. This evaluation would consider the current truck routes, the quantity and type of each truck (e.g., Medium Heavy-Duty, HHD, etc.), the destination and origin of each trip, traffic volume correlation with the time of day or the day of the week, overall Vehicle Miles Traveled (VMT), and associated exhaust emissions. The truck routing evaluation would also identify alternative truck routes and their impacts on VMT and air quality.

D-4  
 (Continued)

**4) Cleanest Available Heavy-Duty Trucks**

The San Joaquin Valley will not be able to attain stringent health-based federal air quality standards without significant reductions in emissions from HHD trucks, the single largest source of NOx emissions in the San Joaquin Valley. The District's CARB-approved 2018 PM2.5 Plan includes significant new reductions from HHD trucks, including emissions reductions by 2023 through the implementation of CARB's Statewide Truck and Bus Regulation, which requires truck fleets operating in California to meet the 2010 standard of 0.2 g-NOx/bhp-hr by 2023. Additionally, to meet federal air quality attainment standards, the District's Plan relies on a significant and immediate transition of HHD fleets to zero or near-zero emissions technologies, including the near-zero truck standard of 0.02 g/bhp-hr NOx established by CARB.

D-5

The Project consists of the construction and operation of a beverage distribution facility and has the potential to generate HHD truck trips. Although the Project is not expected to exceed District significance thresholds, the District recommends that the following measures be considered by the City to reduce Project-related operational emissions:

- *Recommended Measure:* Fleets associated with operational activities utilize the cleanest available HHD trucks, including zero and near-zero (0.02 g/bhp-hr NOx) technologies.
- *Recommended Measure:* All on-site service equipment (cargo handling, yard hostlers, forklifts, pallet jacks, etc.) utilize zero-emissions technologies.

**5) Electric On-Site Off-Road and On-Road Equipment**

Since the development project may include Heavy Industrial and Light Industrial uses, the Project may have the potential to result in increased use of off-road equipment (e.g., forklifts) and on-road equipment (e.g., mobile yard trucks with the ability to move materials). The District recommends that the MND include requirements for project proponents to utilize electric or zero emission off-road and on-road equipment.

D-6

## 6) Vegetative Barriers and Urban Greening

There are single family residential units located east and south east of the Project. The District suggests the City consider the feasibility of incorporating vegetative barriers and urban greening as a measure to further reduce air pollution exposure on sensitive receptors (e.g., residential units).

While various emission control techniques and programs exist to reduce air quality emissions from mobile and stationary sources, vegetative barriers have been shown **to be an additional measure to potentially reduce a population's exposure to air pollution** through the interception of airborne particles and the uptake of gaseous pollutants. Examples of vegetative barriers include, but are not limited to the following: trees, bushes, shrubs, or a mix of these. Generally, a higher and thicker vegetative barrier with full coverage will result in greater reductions in downwind pollutant concentrations. In the same manner, urban greening is also a way to help improve air quality and public health in addition to enhancing the overall beautification of a community with drought tolerant, low-maintenance greenery.

D-7

## 7) District Rules and Regulations

The District issues permits for many types of air pollution sources, and regulates some activities that do not require permits. A project subject to District rules and regulations would reduce its impacts on air quality through compliance with the **District's** regulatory framework. In general, a regulation is a collection of individual rules, each of which deals with a specific topic. As an example, Regulation II (Permits) includes District Rule 2010 (Permits Required), Rule 2201 (New and Modified Stationary Source Review), Rule 2520 (Federally Mandated Operating Permits), and several other rules pertaining to District permitting requirements and processes.

D-8

The list of rules below is neither exhaustive nor exclusive. Current District rules can be found online at: [www.valleyair.org/rules/1ruleslist.htm](http://www.valleyair.org/rules/1ruleslist.htm). To identify other District rules or regulations that apply to future projects, or to obtain information about District permit requirements, the project proponents are strongly encouraged to **contact the District's Small Business Assistance (SBA) Office at (209) 557-6446**.

### 7a) District Rules 2010 and 2201 - Air Quality Permitting for Stationary Sources

Stationary Source emissions include any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. District Rule 2010 (Permits Required) requires operators of emission sources to obtain an Authority to Construct (ATC) and Permit to Operate (PTO) from the District. District Rule 2201 (New and Modified Stationary Source Review) requires that new and modified stationary sources

D-9

of emissions mitigate their emissions using Best Available Control Technology (BACT).

This Project may be subject to District Rule 2010 (Permits Required) and Rule 2201 (New and Modified Stationary Source Review) and may require District permits. Prior to construction, the Project proponent should submit to the District an application for an ATC. For further information or assistance, the project proponent may contact the District's SBA Office at (209) 557-6446.

D-9  
 (Continued)

**7b) District Rule 9510 - Indirect Source Review (ISR)**

The Project is subject to District Rule 9510 because it will receives a project-level discretionary approval from a public agency and will equal or exceed 25,000 square feet of light industrial space.

The purpose of District Rule 9510 is to reduce the growth in both NOx and PM emissions associated with development and transportation projects from mobile and area sources; specifically, the emissions associated with the construction and subsequent operation of development projects. The ISR Rule requires developers to mitigate their NOx and PM emissions by incorporating clean air design elements into their projects. Should the proposed development project clean air design elements be insufficient to meet the required emission reductions, developers must pay a fee that ultimately funds incentive projects to achieve off-site emissions reductions.

D-10

Per Section 5.0 of the ISR Rule, an Air Impact Assessment (AIA) application is required to be submitted no later than applying for project-level approval from a public agency. Currently for this Project, the District received an AIA application for processing (ISR project #20220258).

Information about how to comply with District Rule 9510 can be found online at: <http://www.valleyair.org/ISR/ISRHome.htm>.

The AIA application form can be found online at: <http://www.valleyair.org/ISR/ISRFormsAndApplications.htm>.

District staff is available to provide assistance and can be reached by phone at (559) 230-5900 or by email at [ISR@valleyair.org](mailto:ISR@valleyair.org).

**7c) District Rule 9410 (Employer Based Trip Reduction)**

The Project may be subject to District Rule 9410 (Employer Based Trip Reduction) if the project would result in employment of 100 or more "eligible" employees. District Rule 9410 requires employers with 100 or more "eligible" employees at a worksite to establish an Employer Trip Reduction

D-11

Implementation Plan (eTRIP) that encourages employees to reduce single-occupancy vehicle trips, thus reducing pollutant emissions associated with work commutes. Under an eTRIP plan, employers have the flexibility to select the options that work best for their worksites and their employees.

D-11

Information about District Rule 9410 can be found online at:  
[www.valleyair.org/tripreduction.htm](http://www.valleyair.org/tripreduction.htm).

(Continued)

For additional information, you can contact the District by phone at 559-230-6000 or by e-mail at [etrip@valleyair.org](mailto:etrip@valleyair.org)

### 7d) District Rule 4601 (Architectural Coatings)

The Project may be subject to District Rule 4601 since it may utilize architectural coatings. Architectural coatings are paints, varnishes, sealers, or stains that are applied to structures, portable buildings, pavements or curbs. The purpose of this rule is to limit VOC emissions from architectural coatings. In addition, this rule specifies architectural coatings storage, cleanup and labeling requirements. Additional information on how to comply with District Rule 4601 requirements can be found online at:  
<http://www.valleyair.org/rules/currnrules/r4601.pdf>

D-12

### 7e) District Regulation VIII (Fugitive PM10 Prohibitions)

The project proponent may be required to submit a Construction Notification Form or submit and receive approval of a Dust Control Plan prior to commencing any earthmoving activities as described in Regulation VIII, specifically Rule 8021 – *Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities*.

Should the project result in at least 1-acre in size, the project proponent shall provide written notification to the District at least 48 hours prior to the project proponents intent to commence any earthmoving activities pursuant to District Rule 8021 (Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities). Also, should the project result in the disturbance of 5-acres or more, or will include moving, depositing, or relocating more than 2,500 cubic yards per day of bulk materials, the project proponent shall submit to the District a Dust Control Plan pursuant to District Rule 8021 (Construction, Demolition, Excavation, Extraction, and Other Earthmoving Activities). For additional information regarding the written notification or Dust Control Plan requirements, please contact District Compliance staff at (559) 230-5950.

D-13

The application for both the Construction Notification and Dust Control Plan can be found online at:  
<https://www.valleyair.org/busind/comply/PM10/forms/DCP-Form.docx>

Information about District Regulation VIII can be found online at:  
[http://www.valleyair.org/busind/comply/pm10/compliance\\_pm10.htm](http://www.valleyair.org/busind/comply/pm10/compliance_pm10.htm)

D-13  
(Continued)

**7f) Other District Rules and Regulations**

The Project may also be subject to the following District rules: Rule 4102 (Nuisance) and Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations).

D-14

**8) District Comment Letter**

The District recommends that a copy of the District's comments be provided to the Project proponent.

D-15

If you have any questions or require further information, please contact Harout Sagherian by e-mail at [Harout.Sagherian@valleyair.org](mailto:Harout.Sagherian@valleyair.org) or by phone at (559) 230-5860.

Sincerely,

Brian Clements  
Director of Permit Services



For: Mark Montelongo  
Program Manager

### **Response to Letter D: San Joaquin Valley Air Pollution Control District**

**Response D-1:** This commenter provides an introduction to the comment letter. No further response to this comment is warranted.

**Response D-2:** The commentor states that the Air District recommends that the proposed Project should utilize the cleanest available off-road construction equipment, including the latest tier equipment, to reduce impacts from construction-related diesel exhaust emissions.

It is noted that the criteria pollutant emissions during the proposed Project's construction phase is below the applicable Air District thresholds. Therefore, further mitigation is not warranted for the construction phase. Furthermore, the mitigation measures from the Northwest Airport Way Master Plan EIR are applicable to the proposed Project. The proposed Project is required to implement Mitigation Measures AIR-1a through AIR-1c. Mitigation Measure AIR-1a requires the Project Applicant to ensure the usage of cleaner construction equipment and techniques than is required otherwise. Mitigation Measure AIR-1b requires a limit to the VOC content of architectural coatings. Additionally, Mitigation Measure AIR-1c requires the Project Applicant to demonstrate compliance with the Air District's Rule 9510.

With implementation of these applicable mitigation measures, the proposed Project construction-related emissions would reduce emissions that are already below the applicable Air District thresholds. Construction emissions would not cause a significant air quality impact due to Project construction activities.

**Response D-3:** The commentor recommends that the City consider the feasibility of incorporating emission reductions strategies that can further reduce potential harmful health impacts, potentially including some or all of those listed.

Like under the construction phase, criteria pollutant emissions during the proposed Project's operational phase are also below the applicable Air District thresholds. Therefore, further mitigation is not warranted for the operational phase. Furthermore, the mitigation measures from the Northwest Airport Way Master Plan EIR are applicable to the proposed Project. The proposed Project is required to implement Mitigation Measures AIR-1, AIR-1d, Mitigation Measures AIR-1d, and Mitigation Measure AIR-6). Mitigation Measure AIR-1c requires the Project Applicant to demonstrate compliance with the Air District's Rule 9510, which requires the proposed Project to achieve a 33-percent reduction in NO<sub>x</sub> and a 45-percent reduction in PM<sub>10</sub> over the first 10 years of operations through the use of onsite emissions reduction measures or through the payment of offsite mitigation fees to the SJVAPCD for purchase of emission reductions. Mitigation Measure AIR-1d requires the Project Applicant to demonstrate that the anti-idling measures would be implemented. Mitigation Measure AIR-6 requires the applicant to demonstrate compliance with SJVAPCD Rules 4102 (Nuisance) and 4692 (Commercial Charbroiling) to the extent that these rules are applicable.



With implementation of these applicable mitigation measures, the proposed Project construction-related emissions would reduce emissions that are already below the applicable Air District thresholds. Operational emissions would not cause a significant air quality impact due to Project activities.

**Response D-4:** The commenter states:

*“Truck Routing*

*Truck routing involves the assessment of which roads Heavy Heavy-Duty (HHD) trucks take to and from their destination, and the emissions impact that the HHD trucks may have on residential communities and sensitive receptors. Since the Project consists of the construction and operation of a beverage distribution facility, the Project has the potential to generate HHD truck trips.*

*The District recommends the City evaluate HHD truck routing patterns for the Project, with the aim of limiting exposure of residential communities and sensitive receptors to emissions. This evaluation would consider the current truck routes, the quantity and type of each truck (e.g., Medium Heavy-Duty, HHD, etc.), the destination and origin of each trip, traffic volume correlation with the time of day or the day of the week, overall Vehicle Miles Traveled (VMT), and associated exhaust emissions. The truck routing evaluation would also identify alternative truck routes and their impacts on VMT and air quality.”*

The Transportation Impact Assessment provided by Fehr & Peers evaluated Project truck routes to and from the destination; the health risk assessment screening assessed the emissions impact that the HHD trucks would have on nearby residential communities and sensitive receptors. In addition, the Fehr & Peers modeled truck trip origin and destination, traffic volume based on time of day and day of the week, and overall VMT. The CalEEMod modeling provided within Section III: Air Quality of this IS/MND evaluated associated exhaust emissions associated with mobile sources. The CalEEMod model was refined to account for the fleet mix for heavy-duty vehicles as determined by Fehr & Peers (19.9396%). Additionally, the vehicle trips generated by the proposed Project (i.e., 662 daily trips) was also modeled within CalEEMod. The emissions results from the refined CalEEMod model were incorporated into IS/MND.

Additionally, the health risk screening evaluated exhaust emissions associated with toxic air contaminants (TACs), and the Air District screening tool prioritization score associated with total cancer risk from proposed project DPM (including both Project construction and operation) would be approximately 1.95, well below the SJVAPCD threshold of 10 that would require development of air toxics Health Risk Assessment (HRA) that includes air dispersion modeling. Further, non-cancer (i.e., chronic and acute risks) associated with project DPM would also be well below the applicable thresholds for the Maximally Exposed Individual (i.e., greater than or equal to the Hazard Index level of 1). Therefore, the complex air dispersion modeling using software such as AERMOD is not warranted.

It is well settled that the level of detail in each analytical section of an IS/MND depends on the degree of specificity involved in the proposed activity reviewed in the IS/MND. Caselaw and the CEQA Guidelines confirm that some degree of “forecasting” in evaluating a project’s environmental impacts is appropriate, and the IS/MND can and should make reasonable forecasts. At the same time, the IS/MND must avoid speculation, and “crystal ball” inquiry is to be avoided. (14 Cal Code Regs Section 15144; *Residents Ad Hoc Stadium Comm. v. Board of Trustees (1979) 89 CA 3d 274, 286*). The IS/MND has been prepared with these principles in mind. Fehr & Peers evaluated HHD truck routing patterns according to their latest modeling software and the applicable regional travel demand model(s).

In summary, CEQA specifically prohibits speculation in analysis, so we cannot speculate on final truck routing pattern. However, employing the concept of reasonable “forecasting”, the analysis warranted certain assumptions to be made in an attempt to analyze and disclose the probable impacts that could occur. These assumptions are reflected in the Project Description and throughout the IS/MND. These are reasonable assumptions, and the impacts disclosed in the IS/MND are probable environmental impacts. No further response to this comment is warranted.

**Response D-5:** The commenter states:

*“Cleanest Available Heavy-Duty Trucks*

*The San Joaquin Valley will not be able to attain stringent health-based federal air quality standards without significant reductions in emissions from HHD trucks, the single largest source of NOx emissions in the San Joaquin Valley. The District CARB-approved 2018 PM2.5 Plan includes significant new reductions from HHD trucks, including emissions reductions by 2023 through the implementation of CARB Statewide Truck and Bus Regulation, which requires truck fleets operating in California to meet the 2010 standard of 0.2 g-NOx/bhp-hr by 2023. Additionally, to meet federal air quality attainment n relies on a significant and immediate transition of HHD fleets to zero or near-zero emissions technologies, including the near-zero truck standard of 0.02 g/bhp-hr NOx established by CARB.*

*The Project consists of the construction and operation of a beverage distribution facility and has the potential to generate HHD truck trips. Although the Project is not expected to exceed District significance thresholds, the District recommends that the following measures be considered by the City to reduce Project-related operational emissions:*

- *Recommended Measure: Fleets associated with operational activities utilize the cleanest available HHD trucks, including zero and near-zero (0.02 g/bhp-hr NOx) technologies.*

- *Recommended Measure: All on-site service equipment (cargo handling, yard hostlers, forklifts, pallet jacks, etc.) utilize zero-emissions technologies.”*

This comment is noted. However, as stated by the comment letter, the CARB’s Statewide Truck and Bus Regulation already requires truck fleets operating in California to meet the 2010 standard of 0.2 g-NOx/bhp-hr by 2023, without this additional Project-specific mitigation measure. Ultimately, this recommended mitigation measure is technologically not feasible given the absence of zero and near-zero technology trucks at this time. There are a variety of companies (i.e., Tesla) that have been working on the design and development of a zero and near-zero technology truck, but that is not currently available to the market.

Moreover, it should be noted that the proposed Project’s mitigated operational emissions are below the Air District’s applicable thresholds of significance. Furthermore, the proposed Project already includes mitigation measures from the Northwest Airport Way Master Plan EIR, as provided in the Final IS/MND. Therefore, additional mitigation is not required to be implemented for this environmental topic, as required by CEQA. No further response to this comment is warranted.

**Response D-6:** The commenter states:

*“Electric On-Site Off-Road and On-Road Equipment*

*Since the development project may include Heavy Industrial and Light Industrial uses, the Project may have the potential to result in increased use of off-road equipment (e.g., forklifts) and on-road equipment (e.g., mobile yard trucks with the ability to move materials). The District recommends that the MND include requirements for project proponents to utilize electric or zero emission off-road and on-road equipment.”*

This comment is noted and the recommendation will be provided to the applicant. However, as noted in Response D-5 (above), the proposed Project’s mitigated operational emissions are below the Air District’s applicable thresholds of significance. Furthermore, the proposed Project already includes mitigation measures from the Northwest Airport Way Master Plan EIR. Therefore, additional mitigation is not warranted.

**Response D-7:** The commenter states:

*“Vegetative Barriers and Urban Greening*

*There are single family residential units located east and south east of the Project. The District suggests the City consider the feasibility of incorporating vegetative barriers and urban greening as a measure to further reduce air pollution exposure on sensitive receptors (e.g., residential units).*

## RESPONSE TO COMMENTS

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*While various emission control techniques and programs exist to reduce air quality emissions from mobile and stationary sources, vegetative barriers have been shown pollution through the interception of airborne particles and the uptake of gaseous pollutants. Examples of vegetative barriers include, but are not limited to the following: trees, bushes, shrubs, or a mix of these. Generally, a higher and thicker vegetative barrier with full coverage will result in greater reductions in downwind pollutant concentrations. In the same manner, urban greening is also a way to help improve air quality and public health in addition to enhancing the overall beautification of a community with drought tolerant, low-maintenance greenery.”*

This comment is noted. The proposed Project is an industrial project, and is not located adjacent to any residences or sensitive receptors. Therefore, vegetative barriers and urban greening is less applicable. It is noted, however, that the proposed Project does include some perimeter landscaping consistent with City requirements. It should also be noted that proposed Project would not exceed the TAC screening thresholds as provided by the SJVAPCD, with current Project design.

**Response D-8:** The commentor states that a project is subject to District’s rules and regulations, and provides some introductory examples of some types of District rules and regulations. This comment is noted. The proposed Project is subject to the District’s existing rules and regulations, many of which are presented in the Regulatory Setting of the Air Quality Chapter. No specific response to this comment is warranted. No further response to this comment is warranted.

**Response D-9:** This comment is noted. Any building construction on the Project site may be subject to District Rule 2010 and 2201 – Air Quality Permitting for Stationary Sources. No further response to this comment is warranted.

**Response D-10:** This comment is noted. Any building construction on the Project site may be subject to District Rule 9510 – Indirect Source Review (ISR). No further response to this comment is warranted.

**Response D-11:** This comment is noted. Any building construction on the Project site may be subject to District Rule 9510 – Employer Based Trip Reduction. No further response to this comment is warranted.

**Response D-12:** This comment is noted. Any building construction on the Project site may be subject to District Rule 4601 – Architectural Coatings. No further response to this comment is warranted.

**Response D-13:** This comment is noted. Any building construction on the Project site may be subject to District Rule VIII – Fugitive PM10 Prohibitions. No further response to this comment is warranted.

**Response D-14:** This comment is noted. Any building construction on the Project site may be subject to other District rules, such as Rule 4102 (Nuisance) and Rule 4641 (Cutback, Cure, and Emulsified Asphalt, Paving and Maintenance Operations). No further response to this comment is warranted.

**Response D-15:** This commenter recommends that a copy of the District's comments be provided to the Project Applicant, and provides a closing statement to the comment letter. No further response to this comment is warranted.

**BLUM COLLINS & HO, LLP  
ATTORNEYS AT LAW  
AON CENTER  
707 WILSHIRE BOULEVARD, SUITE 4880  
LOS ANGELES, CA 90017  
(213) 572-0400**

July 22, 2022

Mallorie Fenrich, Associate Planner  
City of Manteca  
1215 West Center Street, Suite 201  
Manteca, CA 95337

VIA EMAIL TO:  
[mfenrich@ci.manteca.ca.us](mailto:mfenrich@ci.manteca.ca.us)

*Subject: Comments on GBxManteca Project (SCH NO. 2022060520)*

Dear Ms. Fenrich,

Thank you for the opportunity to comment on the Mitigated Negative Declaration (MND) for the proposed GBxManteca Project. Please accept and consider these comments on behalf of Golden State Environmental Justice Alliance (GSEJA). Also, GSEJA formally requests to be added to the public interest list regarding any subsequent environmental documents, public notices, public hearings, and notices of determination for this project. Send all communications to Golden State Environmental Justice Alliance P.O. Box 79222 Corona, CA 92877.

**1.0 Summary**

The project proposes to construct and operate a single 295,176 square foot (sf) industrial building. The building would provide approximately 270,176 sf of warehouse space and 25,000 sf of associated office space. The building will include 20,000 sf for a Keg Box that maintains a 38 degrees Fahrenheit temperature and CTW 10,000 sf of 50 degrees Fahrenheit. The building proposes 40 truck/trailer loading dock spaces and a 3-bay truck maintenance facility. The proposed building occupant is a beverage distribution facility for beer (the MND specifically notes Coors products) and Coca-Cola products. The proposed Project is located within the Northwest Airport Way Master Plan area that guides the development of industrial uses, community commercial uses, and associated site improvements on 390 acres. An Environmental Impact Report (EIR) was prepared for the Northwest Airport Way Master Plan area (State Clearinghouse # 2010022024) in August 2010. Several EIR Addendums and Mitigated Negative Declarations have been completed for projects within the Master Plan area

E-1

Mallorie Fenrich  
 July 22, 2022  
 Page 2

**2.0 Project Description**

*2.1 Project Piecemealing & Tiering*

The MND cites tiering criteria set forth in CEQA Guidelines Section 15152 as it relates to the “Northwest Airport Way Master Plan EIR and the Addendum to the Northwest Airport Way Master Plan EIR.” The MND states that these “documents can be found at the City of Manteca website at the following location: <https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/Pages/Planning-Division-Documents.aspx>.” However, this weblink does not provide the public with access to the Addendum to the Northwest Airport Way Master Plan EIR, which does not comply with CEQA Guidelines Section 15152 (f) that states “when tiering is used, the later EIRs or negative declarations shall refer to the prior EIR and state where a copy of the prior EIR may be examined” or CEQA Guidelines Section 21003(b) requirements for meaningful disclosure. Also, elsewhere in the Project Description it is stated that “*Several* EIR Addendums and Mitigated Negative Declarations” have been prepared for the Northwest Airport Way Master Plan EIR, which are not included either. An EIR must be prepared in order to provide an adequate, accurate informational document.

E-2

Further, Section 1.1.2: Purpose and Authority of the Northwest Airport Way Master Plan Draft EIR<sup>1</sup> (August 2010) states that “this Draft EIR provides a project-level analysis of the environmental effects of the Northwest Airport Way Master Plan and the non-master plan annexations.” CEQA Guidelines Section 15152 (f) states that “a later EIR shall be required when the initial study or other analysis finds that the later project may cause significant effects on the environment that were not adequately addressed in the prior EIR.” However, the environmental analysis within the MND severely misrepresents the project and under-represents the project’s significant impacts. This on its face warrants the production of an EIR for the proposed project in compliance with CEQA Guidelines Section 15152 (f). However, the production of an EIR is also necessary as significant new information has been produced since the August 2010 Northwest Airport Way Master Plan EIR, including the VMT analysis requirements enacted in 2020 by SB 743. These impacts were not addressed at all by the 2010 EIR and an EIR for the later tiered project (GBxManteca) must be produced.

E-3

<sup>1</sup> NAWMP DEIR  
<https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/Planning%20Division%20Documents/Master%20And%20Specific%20Plans/Northwest%20Airport%20Way%20Master%20Plan/NW%20Airport%20Way%20Master%20Plan%20DEIR.pdf>

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July 22, 2022  
Page 3

Additionally, the MND does not accurately or adequately describe the project, meaning “the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment” (CEQA § 15378). The proposed project is a piecemealed portion of a larger overall project in the immediate vicinity known as Centerpoint Intermodal Center Manteca<sup>2</sup>. This project includes at minimum the following known buildings:

1. Centerpoint South Project aka Pinnacle Commerce (SCH No. 2021040046; 99,514 sf of industrial warehouses developed by Centerpoint; Notice of Determination published March 8, 2022)
2. Centerpoint Building 3 (SCH No. 2010022024; 746,790 sf of industrial warehouse developed by Centerpoint; Notice of Determination published December 21, 2018)
3. Airport Business Centre Project (SCH No. 2021040045; 141,360 sf of industrial warehouse developed by Centerpoint; Notice of Determination published August 19, 2021)
4. Airport Business Centre (North) (City of Manteca Project No. SPC-22-045<sup>3</sup>; 360,000 sf distribution building located at 3045, 3123 & 3157 N Airport Way)
5. Centerpoint Intermodal Way Extension Project (SCH No. 2020050580; Notice of Determination published June 22, 2022) to connect the constructed northern portion of Intermodal Way to the approved, but not yet constructed, portion of Intermodal Way along the western boundary of CenterPoint Container Yard 2. This project is required to provide vehicular access by extending roadways to all of the project sites in the Centerpoint Intermodal Center.

E-4

The project site is noted as Site #1 on the plan for Centerpoint Intermodal Center Manteca<sup>4</sup>. Centerpoint Intermodal Center Manteca is described as “a 190-acre logistics center.” Other materials provide further details noting the park is a “190-acre campus accommodating up to 3.1M SF of warehouse and distribution space.”<sup>5</sup>

## *II. Agriculture and Forestry Resources*

E-5

<sup>2</sup> Centerpoint Intermodal Center Manteca <https://centerpoint.com/parks/centerpoint-intermodal-center-manteca/>

<sup>3</sup> City of Manteca Current Planning Projects updated July 1, 2022  
<https://www.ci.manteca.ca.us/CommunityDevelopment/Documents/Current%20Planning%20Projects%20-%20Commercial.pdf>

<sup>4</sup> Centerpoint Intermodal Center Manteca <https://centerpoint.com/parks/centerpoint-intermodal-center-manteca/>

<sup>5</sup> Centerpoint <https://centerpoint.com/wp-content/uploads/2016/04/02-Manteca-Pad-Ready-2pg-R1.pdf>



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The MND states that “The Project site is a developed Container Yard, which involved a previous conversion of Prime Farmland to a developed use. The proposed Project does not involve any conversion of Prime Farmland. Implementation of the proposed Project would have no impact



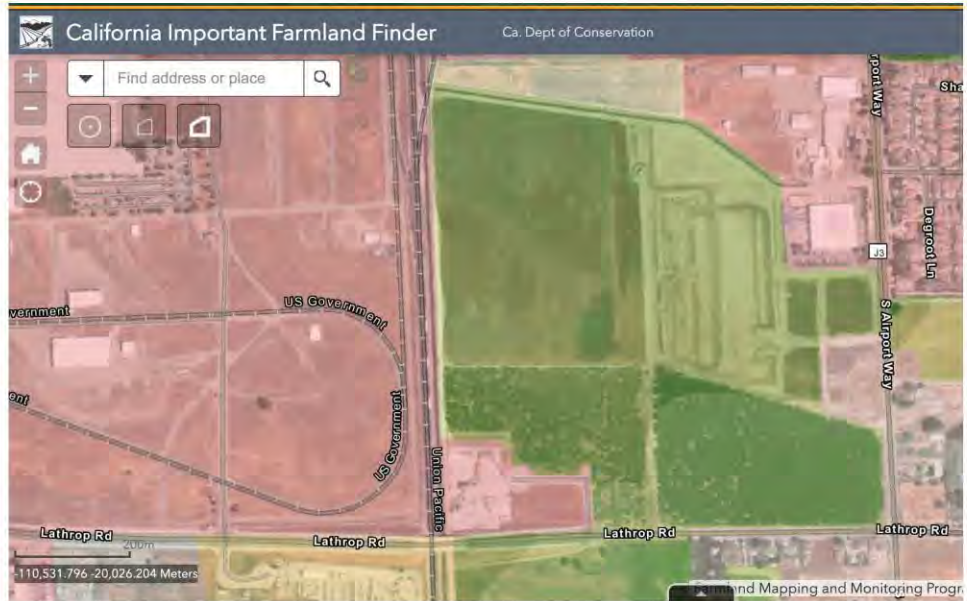
E-5 Cont'd

relative to this issue.” This is directly in conflict with the Project Description’s statement that “The existing use is a Container Yard, which was approved, but was not fully constructed and is not operational.” The Population and Housing section also states “the Project site is currently vacant.” The MND selectively describes the existing setting of the project site to best suit whichever issue is at hand. This is misleading to the public and decision makers. An EIR must be prepared to adequately and accurately provide an internally consistent environmental analysis.

Additionally, the MND states that MM AG-1 from the Northwest Airport Way Master Plan is applicable to the project. MM AG-1 states, “At the time building permits are sought for any Master Plan contemplated use, the project applicant shall pay the required City of Manteca agricultural mitigation fee to help offset the conversion of Important Farmland pursuant to Manteca Municipal

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Code Chapter 13.42.” The California Department of Conservation Important Farmland Finder<sup>6</sup>



E-5 Cont'd

also identifies the project site as Prime Farmland in green.

**III. Air Quality, VI. Energy, and VIII. Greenhouse Gas Emissions**

Please refer to attachments from SWAPE for a complete technical commentary and analysis.

The MND does not include for analysis relevant environmental justice issues in reviewing potential impacts, including cumulative impacts from the proposed project. This is especially significant as the surrounding community is highly burdened by pollution. According to CalEnviroScreen 4.0<sup>7</sup>, CalEPA’s screening tool that ranks each census tract in the state for pollution and socioeconomic vulnerability, the proposed project’s census tract (6077005119) ranks worse than 98% of the rest of the state overall in pollution burden. The surrounding community, including Discovery Challenge Academy, Central Valley Christian Academy, Widmer Elementary

E-6

<sup>6</sup> California Department of Conservation Important Farmland Finder  
<https://maps.conservation.ca.gov/dlrp/ciff/>

<sup>7</sup> CalEnviroScreen 4.0 <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>

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School, residences to the north, west, and east, and adjacent SB 535 Census Tracts 6077005135 (east), 6077003803 (north), 6077005127 (west), 6077005130 (west), 6077005129 (west), 6077005122 (south), bears the impact of multiple sources of pollution and is more polluted than average on every pollution indicator measured by CalEnviroScreen. For example, the project census tract ranks in the 100th percentile for groundwater threats, 98th percentile for drinking water impacts, 92nd percentile for hazardous waste impacts, 90th percentile for impacts from cleanup sites, and 87th percentile for impaired waters. The project census tract also ranks in the 57th percentile for ozone burden, the 53rd percentile for particulate matter (PM) 2.5 burden, 54th percentile for diesel PM burden, and the 56th percentile for traffic related impacts, which are all typically attributed to heavy vehicular activity in the area.

Further, the census tract is a diverse community including 39% Asian-American, 30% Hispanic, and 9% African-American residents, which are especially vulnerable to the impacts of pollution. The community has a high rate of low educational attainment, meaning 56% of the census tract over age 25 has not attained a high school diploma, which is an indication that they may lack health insurance or access to medical care. Medical care is vital for this census tract as it ranks in the 69th percentile for incidence of asthma and 55th percentile for incidence of cardiovascular disease. The community also has a high rate of linguistic isolation, meaning 58% of the census tract speaks little to no English and faces further challenges and inequities due to this.

E-6 Cont'd

Additionally, the project's census tract (6077005119) and the census tracts adjacent to the project site (6077005135 (east), 6077003803 (north), 6077005127 (west), 6077005130 (west), 6077005129 (west), 6077005122 (south)) are identified as SB 535 Disadvantaged Communities<sup>8</sup>, which is not discussed or presented for analysis in the MND.

The State of California lists three approved energy compliance modeling softwares<sup>9</sup> for non-residential buildings: CBECC-Com, EnergyPro, and IES VE. CalEEMod is not listed as an approved software. The CalEEMod modeling in Appendix A does not comply with the 2019 Building Energy Efficiency Standards and under reports the project's potentially significant GHG and Energy impacts to the public and decision makers. Since the MND did not accurately or adequately model the energy impacts in compliance with Title 24, a finding of significance must be made. An EIR with modeling in one of the approved software types must be circulated for

<sup>8</sup> OEHHA SB 535 Census Tracts <https://oehha.ca.gov/calenviroscreen/sb535>

<sup>9</sup> 2019 Building Energy Efficiency Standards Approved Computer Compliance Programs, California Energy Commission. <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency-2>

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public review in order to adequately analyze the project's potentially significant environmental impacts. This is vital as the MND utilizes CalEEMod as a source in its methodology and analysis, which is clearly not one of the approved softwares.

E-6 Cont'd

## **XI. Land Use and Planning**

The MND concludes that "the proposed Project would not conflict with any goals, policies, or implementing actions contained within the General Plan, or within the proposed General Plan Update." However, the MND does not provide a consistency analysis with any General Plan (existing 2023 General Plan or proposed General Plan Update) goals and policies. An EIR must be prepared that includes a consistency analysis with all General Plan goals and policies (the current 2023 General Plan and the proposed General Plan update), including but not limited to the following:

Goal AQ-2. Integrate air quality planning with land use and transportation planning processes in order to reduce vehicle miles traveled in the City and by commuters.

LU-I-3. The City shall monitor implementation of the growth management system and new commercial and industrial development so that General Plan objectives for a balanced community are achieved.

E-7

C-P-49: The city shall require that new industrial development pay a fair share toward improvements required to accommodate heavy vehicles, including increased pavement wear.

C-P-53: The City shall establish a requirement for a TDM program in any business park, industrial or commercial land use that employs more than 50 full time equivalent employees.

Further, the MND does not provide an analysis of all applicable land use plans, policies, or regulations adopted for the purpose of avoiding or mitigating an environmental effect, such as the applicable Air Quality Management Plan (AQMP). The MND also does not provide any consistency analysis with the San Joaquin County Council of Governments (SJCOC) adopted 2018 RTP/SCS<sup>10</sup>. Due to errors in modeling and modeling without supporting evidence as noted throughout this comment letter, the proposed project has significant potential for inconsistency with Policy 1 to enhance the environment for existing and future generations and conserve energy, Strategy 3 to improve air quality by reducing transportation-related emissions, Strategy 4 to improve regional transportation system efficiency, and Strategy 8 to improve major transportation corridors to minimize impacts on rural roads. An EIR must be prepared to include accurate Air

<sup>10</sup> SJCOC 2018 RTP/SCS <https://www.sjocog.org/DocumentCenter/View/4156/Final-Compiled-RTPSCS-2018>

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Quality/HRA, Energy, GHG, and VMT modeling and provide an analysis of potential inconsistency with the 2018 RTP/SCS document and the AQMP.

Additionally, as required by the General Plan, the City maintains a list of ongoing commercial and industrial development. However, there is no analysis of the proposed project in relation to the growth management requirements of the General Plan. The list of ongoing commercial and industrial development is not provided for public review. An EIR must be prepared that includes an analysis of the project in relation to the City's growth management requirements as detailed in the General Plan in order to provide an adequate and accurate environmental analysis, including potential cumulatively significant impacts.

E-7 Cont'd

**XIV. Population and Housing**

The MND concludes that "although the proposed Project would create new jobs, which could create some population growth, it is *anticipated* that such new jobs would be for the existing labor force within Manteca and the *surrounding communities*," resulting in a less than significant impact. The MND does not provide any calculation of the employees generated by the proposed project during the construction phase or during project operations. The U.S. Energy Information Administration<sup>11</sup> provides the following applicable employment generation rate for refrigerated warehouses:

- Any Refrigeration: 1 employee per 1,049 square feet
- No Refrigeration: 1 employee per 1,224 square feet

E-8

Applying this ratio results in the following calculation:

- Refrigerated: 30,000 sf / 1,049 = 29
- Non-Refrigerated: 265,176 sf / 1,224 = 217
- Total: 246 employees

SJCOG's Population, Household, and Employment Projections<sup>12</sup> notes that the City will add approximately 5,624 jobs between 2020 - 2045. Utilizing the U.S. EIA calculation of 246 employees, the project represents 4.3% of the City's employment growth from 2020 - 2045. A single project accounting for this amount of the projected employment growth over 29 years

<sup>11</sup> US EIA Commercial Buildings Energy Consumption Survey, Table B1: Summary table: total and means of floorspace, number of workers, and hours of operation, 2018  
<https://www.eia.gov/consumption/commercial/data/2018/bc/html/b1.php>

<sup>12</sup> SJCOG's 2018 RTP/SCS Appendix R- Population, Household, and Employment Projections  
<https://www.sjco.org/DocumentCenter/View/3722/Final-2018-RTPSCS-Technical-Appendix-R---Population-Household-and-Employment-Projections?bidId=>

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represents a significant amount of growth. An EIR must be prepared to include this analysis, and also provide a cumulative analysis discussion of projects approved since 2020 and projects "in the pipeline" to determine if the project will exceed SJCOG's employment growth forecast for the City. Additionally, an EIR must also provide demographic and geographic information on the location of qualified workers to fill these positions in order to provide an accurate environmental analysis.

E-8 Cont'd

**XVII. Transportation**

Appendix E: Transportation sources the Governor's Office of Planning and Research (OPR) 2018 CEQA Guidelines Update and Technical Advisory<sup>13</sup> as contributing to the methodology for VMT analysis. The VMT analysis does not state if any truck/trailer trips were included for analysis. The MND does not provide a statutory source of exemption for medium/heavy trucks. The OPR's 2018 Technical Advisory which states that "here, the term "automobile" refers to on-road passenger vehicles, specifically cars and light trucks." However, the purpose of the OPR Technical Advisory document is purely advisory, stating in its introduction:

"The purpose of this document is to provide advice and recommendations, which agencies and other entities may use at their discretion. This document does not alter lead agency discretion in preparing environmental documents subject to CEQA. This document should not be construed as legal advice."

E-9

The OPR document is not a legal interpretation, court decision, or amendment to the CEQA statute that clarifies the definition of automobile. The term "automobile" is not defined in the CEQA statute and application of the OPR interpretation is speculative and does not provide an analysis of the "worst-case scenario" for environmental impacts. Widespread public understanding and perception indicates that trucks, including medium/heavy-duty truck/trailer trips associated with the industrial nature of warehouse operations, are automobiles. An EIR must be prepared to include all truck/trailer activity for quantified VMT analysis. The operational nature of industrial/warehouse uses involves high rates of truck/trailer VMT due to traveling from large import hubs to regional distribution centers to smaller industrial parks and then to their final delivery destinations. The project's truck/trailer activity is unable to utilize public transit or active transportation and it is misleading to the public and decision makers to exclude this activity from VMT analysis. An EIR must be prepared to reflect a quantified VMT analysis that includes all

<sup>13</sup> Governor's Office of Planning and Research Technical Advisory on Evaluating Transportation Impacts in CEQA [https://opr.ca.gov/ceqa/docs/20190122-743\\_Technical\\_Advisory.pdf](https://opr.ca.gov/ceqa/docs/20190122-743_Technical_Advisory.pdf)

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truck/trailer activity to adequately and accurately analyze the potentially significant project transportation impacts.

Further, the MND states that “The Baseline VMT and Cumulative Project VMT was developed using the City of Manteca travel demand model that was derived from the San Joaquin Council of Government’s (SJCOG) Regional Travel Demand Model. The model was developed in 2020 and calibrated to adjusted pre COVID-19 traffic counts.” However, the City of Manteca travel demand model software utilized is not included as a reference. An EIR must be prepared to state the name of the City of Manteca TDM utilized and also provide a weblink to the software in order to comply with CEQA’s requirements for meaningful disclosure and incorporation by reference because the City of Manteca TDM contributes directly to analysis of the problem at hand (CEQA § 15150 (f)).

The MND does not provide a threshold of significance related to VMT and utilizes the unsubstantiated finding that the project will reduce Citywide VMT from 76.2 miles per employee to 75.2 miles per employee as the reasoning for a less than significant project impact. The MND does not demonstrate how an alleged reduction of one vehicle mile traveled per employee meets the SB 743 requirements and will not result in a significant impact. This is misleading to the public and decision makers. An EIR must be prepared to include a legitimate VMT reduction and comply with CEQA’s requirements for meaningful disclosure. This is vital as the Population and Housing analysis states that the project will be filled by “the existing labor force within Manteca and the *surrounding communities*,” and the geographic area of the surrounding communities is undefined. Relying upon the labor force of the greater region and potentially the entire San Joaquin County area will serve to increase VMT per employee significantly.

E-9

**XXI. Mandatory Findings of Significance**

In analyzing the project’s cumulative impacts, the MND states that “The City of Manteca maintains a list of ongoing commercial and industrial development.” However, there is no further information given and the list of ongoing development is not included. An EIR must be prepared that includes a cumulative analysis of the project in relation to the City’s growth management requirements as detailed in the General Plan in order to provide an adequate and accurate cumulative analysis.

E-10

Additionally, this section does not discuss any of the significant and unavoidable impacts generated by the Northwest Airport Way Master Plan EIR/overall Centerpoint Intermodal Center. The Northwest Airport Way Master Plan EIR concludes that the project will result in significant and unavoidable impacts to Agricultural Resources, Air Quality (cumulatively considerable), and

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Traffic (cumulatively considerable). Excluding this pertinent information from the cumulative analysis does not comply with CEQA's requirements for meaningful disclosure and an EIR must be prepared.

E-10 Cont'd

**Conclusion**

For the foregoing reasons, GSEJA believes the MND is flawed and an EIR must be prepared for the proposed project and circulated for public review. Golden State Environmental Justice Alliance requests to be added to the public interest list regarding any subsequent environmental documents, public notices, public hearings, and notices of determination for this project. Send all communications to Golden State Environmental Justice Alliance P.O. Box 79222 Corona, CA 92877.

E-11

Sincerely,



Gary Ho  
Blum Collins & Ho, LLP

**Attachments:**

1. SWAPE Comment Letter





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July 20, 2022

Gary Ho  
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707 Wilshire Blvd, Ste. 4880  
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**Subject: Comments on the GBxManteca Project (SCH No. 2022060520)**

Dear Mr. Ho,

We have reviewed the June 2022 Initial Study and Mitigated Negative Declaration (“IS/MND”) for the GBxManteca Project (“Project”) located in the City of Manteca (“City”). The Project proposes to construct 270,176-square-feet (“SF”) of warehouse space, 25,000-SF of office space, and 307 parking spaces on the 16.02-acre site.

Our review concludes that the IS/MND fails to adequately evaluate the Project’s hazards, hazardous materials, air quality, health risk, and greenhouse gas impacts. As a result, emissions and health risk impacts associated with construction and operation of the proposed Project are underestimated and inadequately addressed. An Environmental Impact Report (“EIR”) should be prepared to adequately assess and mitigate the potential hazards, hazardous materials, air quality, health risk, and greenhouse gas impacts that the project may have on the environment.

E-12

**Hazards and Hazardous Materials**

**Inadequate Disclosure and Analysis of Impacts**

A Phase I Environmental Site Assessment (“ESA”) was not prepared for the IS/MND and, therefore, the Project’s potential hazards and hazardous materials impacts are inadequately evaluated. An EIR that includes a Phase I ESA is necessary to disclose if environmental conditions, which may be significant and require mitigation, exist at the Project site.

E-13

The completion of a Phase I ESA is a common practice under CEQA to provide an adequate basis to disclose hazardous materials impacts that may pose a health risk to the public, workers, or the

environment. Standards for performing a Phase I ESA have been established by the US EPA and ASTM International and are undertaken to identify conditions that may result in the release of hazardous substances.<sup>1</sup> Phase I ESAs include:

- a review of all known sites in the vicinity of the subject property that are on regulatory agency databases undergoing assessment or cleanup activities;
- an inspection;
- interviews with people knowledgeable about the property; and
- recommendations for further actions to address potential hazards.

To determine impacts, the IS/MND only undertook the first step, a review of California Department of Toxic Substances Control records (p. 63). This is an insufficient basis to identify and disclose environmental conditions at the Project site that may necessitate further investigation and mitigation to protect public health. The need for a Phase I is especially important for the Project site, as past agricultural uses may have left residual pesticides in the soil.

A complete Phase I ESA, to include an inspection and interviews, is necessary to determine if recommendations are needed to address any “recognized environmental conditions” (“RECs”) that are identified. A REC is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. If RECs are identified, then a Phase II ESA is generally recommended, which includes the collection of soil, soil vapor, and groundwater samples, as necessary, to identify the extent of contamination and need for cleanup to reduce exposure potential to the public.

To provide for adequate disclosure of impacts, and to identify any necessary mitigation, a Phase I ESA is necessary for inclusion in an EIR to evaluate the potential for RECs at the Project site. If a REC is identified, a Phase II should be conducted to sample for potential contaminants in soil, including pesticides. Any contamination that is identified above regulatory screening levels, including those established by the California Department of Toxic Substances Control<sup>2</sup>, should be further evaluated and cleaned up, if necessary, in coordination with the Regional Water Quality Control Board and the California Department of Toxic Substances Control.

## Air Quality

### Unsubstantiated Input Parameters Used to Estimate Project Emissions

The IS/MND’s air quality analysis relies on emissions calculated with the California Emissions Estimator Model (“CalEEMod”) Version 2020.4.0 (p. 33).<sup>3</sup> CalEEMod provides recommended default values based on site-specific information, such as land use type, meteorological data, total lot acreage, project type

<sup>1</sup> <http://www.astm.org/Standards/E1527.htm>

<sup>2</sup> <https://dtsc.ca.gov/wp-content/uploads/sites/31/2022/02/HHRA-Note-3-June2020-Revised-May2022A.pdf>

<sup>3</sup> “CalEEMod Version 2020.4.0.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aamd.gov/caleemod/download-model>.

and typical equipment associated with project type. If more specific project information is known, the user can change the default values and input project-specific values, but the California Environmental Quality Act ("CEQA") requires that such changes be justified by substantial evidence. Once all of the values are inputted into the model, the Project's construction and operational emissions are calculated, and "output files" are generated. These output files disclose to the reader what parameters are utilized in calculating the Project's air pollutant emissions and make known which default values are changed as well as provide justification for the values selected.

E-14 Cont'd

When reviewing the Project's CalEEMod output files, provided in the "CalEEMod Results" as Appendix A to the IS/MND, we found that several model inputs were not consistent with information disclosed in the IS/MND. As a result, the Project's construction and operational emissions are underestimated. An EIR should be prepared to include an updated air quality analysis that adequately evaluates the impacts that Project construction and operation will have on local and regional air quality.

*Failure to Model Proposed Cold Storage Land Use*

Regarding the proposed land uses, the IS/MND states:

"There will be refrigerated space inside the building totaling 20,000 sf for a Keg Box that maintains a 38 degrees F temperature" (p. 4).

As demonstrated above, the IS/MND indicates that the proposed Project would include 20,000-SF of refrigerated warehouse space. However, review of the CalEEMod output files demonstrates that the "GBxManteca" model includes the entirety of the warehouse space as unrefrigerated (see excerpt below) (Appendix A, pp. 144).

E-15

Land Use	Size	Metric	Lot Coverage	Floor Surface Area
Unrefrigerated Warehouse-No Rail	280.98	1000sqft	6.45	220,983.00
Parking Lot	9.57	Acres	9.57	416,869.20

As you can see in the excerpt above, the model fails to include the proposed refrigerated warehouse space. This presents an issue, as refrigerated warehouses release more criteria air pollutant and greenhouse gas emissions when compared to unrefrigerated warehouses for three reasons. First, warehouses equipped with cold storage, such as refrigerators and freezers, are known to consume more energy when compared to warehouses without cold storage.<sup>4</sup> Second, warehouses equipped with cold storage typically require refrigerated trucks, which are known to idle for much longer when compared to unrefrigerated hauling trucks.<sup>5</sup> Lastly, according to a July 2014 *Warehouse Truck Trip Study Data Results and Usage* presentation prepared by the South Coast Air Quality Management District ("SCAQMD"), hauling trucks that require refrigeration result in greater truck trip rates when compared to non-

<sup>4</sup> "Warehouses." Business Energy Advisor, available at: <https://ouc.blzenergyadvisor.com/article/warehouses>.

<sup>5</sup> "Estimation of Fuel Use by Idling Commercial Trucks." Transportation Research Record Journal of the Transportation Research Board, January 6 p. 8, available at: [https://www.researchgate.net/publication/245561735\\_Estimation\\_of\\_Fuel\\_Use\\_by\\_Idling\\_Commercial\\_Trucks](https://www.researchgate.net/publication/245561735_Estimation_of_Fuel_Use_by_Idling_Commercial_Trucks).

refrigerated hauling trucks.<sup>6</sup> Thus, by failing to account for the proposed cold storage space, the model underestimates the Project’s operational emissions and should not be relied upon to determine Project significance.

E-15 Cont’d

*Failure to Model All Proposed Land Uses Types and Sizes*

Regarding the proposed land uses, the IS/MND states:

“The building use is broken into 270,176 sf for warehouse space, and 25,000 sf for office space. The footprint of the building is 280,983-sf, with 14,193 sf of the second level” (p. 4).

As demonstrated above, the IS/MND indicates that the proposed Project would also include 25,00-SF of office space for a total building area of 295,176-SF.<sup>7</sup> However, review of the CalEEMod output files demonstrates that the “GBxManteca” model includes only 280,983-SF of warehouse space (see excerpt below) (Appendix A, pp. 144).

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area
Unrefrigerated Warehouse No Rail	280.98	1000sqft	6.45	280,983.00
Parking Lot	0.57	Acre	0.57	418,868.20

As you can see in the excerpt above, the model not only fails to distinguish between the proposed warehouse and office space, but also only includes the building footprint. This is incorrect, as according to the CalEEMod User’s Guide:

E-16

“It is important to note that the square footage, which is used for calculating such impacts as architectural coatings and energy use, relates to the total building square footage and not the building footprint.”<sup>8</sup>

As such, the model should have included the total building area of 295,176-SF. Furthermore, the model’s failure to include the proposed office space presents an issue, as CalEEMod includes 63 different land use types that are each assigned a distinctive set of energy usage emission factors.<sup>9</sup> Thus, by failing to include all proposed land use types and sizes, the model may underestimate the Project’s construction-related and operational emissions and should not be relied upon to determine Project significance.

*Unsubstantiated Changes to Area Coating Emission Factors*

Review of the CalEEMod output files demonstrates that the “GBxManteca” model includes several reductions to the default area coating emission factors (see excerpt below) (Appendix A, pp. 145).

E-17

<sup>6</sup> “Warehouse Truck Trip Study Data Results and Usage” Presentation. SCAQMD Mobile Source Committee, July 2014, available at: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-air-quality-analysis/finaltrucktripstudymisc072514.pdf?sfvrsn=2>, p. 7, 9.

<sup>7</sup> Calculated: (270,176-SF of warehouse space) + (25,000-SF of office space) = 295,176-SF total building area.

<sup>8</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 29.

<sup>9</sup> “Appendix D – Default Data Tables” California Air Pollution Control Officers Association (CAPCOA), June 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. D-305.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	150	100
tblAreaCoating	Area_EF_Nonresidential_Interior	150	0
tblAreaCoating	Area_EF_Residential_Exterior	150	100
tblAreaCoating	Area_EF_Residential_Interior	150	0

As you can see in the excerpt above, the nonresidential and residential exterior area coating emission factors are both reduced from the default value of 150- to 100-grams per liter (“g/L”). Furthermore, the nonresidential and residential interior area coating emission factors are both reduced from the default value of 150- to 0- g/L. As previously mentioned, the CalEEMod User’s Guide requires any changes to model defaults be justified.<sup>30</sup> According to the “User Entered Comments & Non-Default Data” table, the justification provided for the revised area coating emission factors is:

“100 g/L for exterior coating limitations provided per Air District Rule 4601. No interior coatings for this project.” (Appendix A, pp. 144).

However, these changes remain unsupported for two reasons.

First, the IS/MND fails to explicitly require the use of exterior coatings during Project operation or prohibit the use of interior coatings. As such, the reductions remain unsubstantiated.

Second, we cannot verify the accuracy of the revised area coating emission factors based on San Joaquin Valley Air Pollution Control District (“SJVAPCD”) Rule 4601 alone. The SJVAPCD Rule 4601 VOC Content Limits for Coatings Table provides the required VOC limits (grams of VOC per liter of coating) for 46 different coating categories.<sup>31</sup> The VOC limits for each coating varies from a minimum value of 50 g/L to a maximum value of 730 g/L. As such, we cannot verify that SJVAPCD Rule 4601 substantiates a reduction to the default coating values without more information regarding what category of coatings will be used on the Project site. As the IS/MND fails to explicitly require the use of a specific type of coating, we are unable to verify the revised emission factors assumed in the model.

These unsubstantiated reductions present an issue, as CalEEMod uses the area coating emission factors to calculate the Project’s reactive organic gas/volatile organic compound (“ROG”/“VOC”) emissions.<sup>32</sup> Thus, by including unsubstantiated reductions to the default area coating emission factors, the model may underestimate the Project’s operational ROG/VOC emissions and should not be relied upon to determine Project significance.

<sup>30</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 1, 14.

<sup>31</sup> SJVAPCD Rule 4601 Architectural Coatings.” SJVAPCD, April 2020, available at: <https://www.valleair.org/rules/curnrules/r4601.pdf><http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf?sfvrsn=24>, p. 4601-17, Table 1 VOC Content Limits for Coatings.

<sup>32</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 35, 40.

# RESPONSE TO COMMENTS

## Unsubstantiated Changes to Individual Construction Phase Lengths

Review of the CalEEMod output files demonstrates that the “GBxManteca” model includes several changes to the default individual construction phase lengths (see excerpt below) (Appendix A, pp. 145).

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	5.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	300.00	202.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	20.00	10.00

As a result of these changes, the model includes the following construction schedule (see excerpt below) (Appendix A, pp. 112):

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days
1	Site Preparation	Site Preparation	9/1/2022	9/7/2022	5	5
2	Demolition	Demolition	9/8/2022	9/29/2022	5	16
3	Grading	Grading	9/30/2022	10/27/2022	5	20
4	Building Construction	Building Construction	10/28/2022	8/7/2023	5	202
5	Architectural Coating	Architectural Coating	5/25/2023	7/19/2023	5	40
6	Paving	Paving	7/25/2023	8/7/2023	5	10

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As you can see in the excerpt above, the site preparation phase is decreased by 50%, from the default value of 10 to 5 days; the demolition phase is decreased by 20%, from the default value of 20 to 16 days; the grading phase is decreased by 33%, from the default value of 30 to 20 days; the building construction phase is decreased by 33%, from the default value of 300 to 202 days; the architectural coating is increased by 100%, from the default value of 20 to 40 days; and the paving phase is decreased by 50%, from the default value of 20 to 10 days. As previously mentioned, the CalEEMod User’s Guide requires any changes to model defaults be justified.<sup>13</sup> According to the “User Entered Comments & Non-Default Data” table, the justification provided for these changes is:

“Construction schedule as provided by project applicant. Site prepare reduced due to site conditions requiring little to no veg or debris removal. Site is flat” (Appendix A, pp. 144).

However, this justification remains insufficient, as the IS/MND fails to mention the proposed construction schedule or justify the revised individual construction phase lengths whatsoever. This is incorrect, as according to the CalEEMod User’s Guide:

<sup>13</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 1, 14.

“CalEEMod was also designed to allow the user to change the defaults to reflect site- or project-specific information, when available, provided that the information is supported by substantial evidence as required by CEQA.”<sup>14</sup>

Here, as the IS/MND fails to provide substantial evidence to support the revised individual construction phase lengths, we cannot verify the changes.

These unsubstantiated changes present an issue, as the construction emissions are improperly spread out over a longer period of time for some phases, but not for others. According to the CalEEMod User’s Guide, each construction phase is associated with different emissions activities (see excerpt below).<sup>15</sup>

*Demolition* involves removing buildings or structures.

*Site Preparation* involves clearing vegetation (grubbing and tree/stump removal) and removing stones and other unwanted material or debris prior to grading.

*Grading* involves the cut and fill of land to ensure that the proper base and slope is created for the foundation.

*Building Construction* involves the construction of the foundation, structures and buildings.

*Architectural Coating* involves the application of coatings to both the interior and exterior of buildings or structures, the painting of parking lot or parking garage striping, associated signage and curbs, and the painting of the walls or other components such as stair railings inside parking structures.

*Paving* involves the laying of concrete or asphalt such as in parking lots, roads, driveways, or sidewalks.

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Thus, by disproportionately altering and extending some of the individual construction phase lengths without proper justification, the model assumes there are a greater number of days to complete the construction activities required by the prolonged phases. As such, there will be less construction activities required per day and, consequently, less pollutants emitted per day. As a result, the model may underestimate the peak daily emissions associated with some phases of construction and should not be relied upon to determine Project significance.

*Incorrect Application of Energy-Related Operational Mitigation Measure*

Review of the CalEEMod output files demonstrates that the “GBxManteca” model includes the following energy-related mitigation measure (see excerpt below) (Appendix A, pp. 167):

**5.1 Mitigation Measures Energy**

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Kilowatt Hours of Renewable Electricity Generated

<sup>14</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 13-14.

<sup>15</sup> “CalEEMod User’s Guide.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/caleemod/user-s-guide>, p. 32.

As previously mentioned, the CalEEMod User's Guide requires any changes to model defaults be justified.<sup>16</sup> According to the "User Entered Comments & Non-Default Data" table, the justification provided for this inclusion is:

"Mitigation: on-site renewable energy (on-site solar will generate approximate 800 kW, according to the applicant)" (Appendix A, pp. 145).

However, this justification is insufficient, as the IS/MND not only fails to mention the inclusion of on-site renewable energy generation, but also fails to explicitly require on-site solar panels in a formal mitigation measure. This is incorrect, as according to the Association of Environmental Professionals ("AEP") *CEQA Portal Topic Paper* on mitigation measures:

"While not 'mitigation', a good practice is to include those project design feature(s) that address environmental impacts in the mitigation monitoring and reporting program (MMRP). Often the MMRP is all that accompanies building and construction plans through the permit process. If the design features are not listed as important to addressing an environmental impact, it is easy for someone not involved in the original environmental process to approve a change to the project that could eliminate one or more of the design features without understanding the resulting environmental impact."<sup>17</sup>

As demonstrated above, project design features ("PDFs") are not mitigation measures and may be eliminated from the Project's design. Thus, as the above-mentioned operational measure included in the model is not formally included as a mitigation measure, we cannot guarantee that it would be implemented, monitored, and enforced on the Project site. As a result, the inclusion of the energy-related operational mitigation measure in the model is incorrect. By including an operational mitigation measure without properly committing to its implementation, the model may underestimate the Project's operational emissions and should not be relied upon to determine Project significance.

#### *Incorrect Application of Area-Related Operational Mitigation Measure*

Review of the CalEEMod output files demonstrates that the "GBxManteca" model includes the following area-related operational mitigation measures (see excerpt below) (Appendix A, pp. 170):

<sup>16</sup> "CalEEMod User's Guide." California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/cal-eemod/user-s-guide>, p. 1, 14.

<sup>17</sup> "CEQA Portal Topic Paper Mitigation Measures." AEP, February 2020, available at: <https://ceqaportal.org/wp/CEQA%20Mitigation%202020.pdf>, p. 6.



**6.1 Mitigation Measures Area**

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior

As previously mentioned, the CalEEMod User’s Guide requires any changes to model defaults be justified.<sup>18</sup> According to the “User Entered Comments & Non-Default Data” table, the justification provided for the inclusion of the area-related operational mitigation measure is:

“VOC Paint Per SJVAPCD rules. No interior paint.” (Appendix A, pp. 145).

However, the inclusion of the above-mentioned operational mitigation measures remain unsupported for three reasons.

First, as previously discussed, the Rule 4601 alone cannot substantiate the use of low VOC paint. Without more information regarding what category of coating will be used, we cannot verify the inclusion of the above-mentioned mitigation measures.

Second, the inclusion of the operational mitigation measures, based on the Project’s purported compliance with SJVAPCD Rule 4601, is unsupported. As previously stated, according to the AEP CEQA Portal Topic Paper on mitigation measures:

“By definition, mitigation measures are not part of the original project design. Rather, mitigation measures are actions taken by the lead agency to reduce impacts to the environment resulting from the original project design. Mitigation measures are identified by the lead agency after the project has undergone environmental review and are above-and-beyond existing laws, regulations, and requirements that would reduce environmental impacts.”<sup>19</sup>

As you can see in the excerpt above, mitigation measures “are not part of the original project design” and are intended to go “above-and-beyond” existing regulatory requirements. As such, the inclusion of these measures, based on the Project’s compliance with SJVAPCD Rule 4601, is unsubstantiated.

Third, the IS/MND fails to formally include the use of low VOC paints as a mitigation measure. This is incorrect, as AEP guidance states:

“While not “mitigation”, a good practice is to include those project design feature(s) that address environmental impacts in the mitigation monitoring and reporting program (MMRP).

<sup>18</sup> “CalEEMod User’s Guide Version.” California Air Pollution Control Officers Association (CAPCOA), May 2021, available at: <https://www.aqmd.gov/cal-esmod/user-s-guide>, p. 1, 14.

<sup>19</sup> “CEQA Portal Topic Paper Mitigation Measures.” AEP, February 2020, available at: <https://ceqaportal.org/tp/CEQA%20Mitigation%202020.pdf>, p. 5.

Often the MMRP is all that accompanies building and construction plans through the permit process. If the design features are not listed as important to addressing an environmental impact, it is easy for someone not involved in the original environmental process to approve a change to the project that could eliminate one or more of the design features without understanding the resulting environmental impact.”<sup>20</sup>

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As demonstrated above, design features that are not formally included as mitigation measures in a MMRP may be eliminated from the Project’s design altogether. Thus, as the use of low VOC paint is not formally included as a mitigation measure, we cannot guarantee that it would be implemented, monitored, and enforced on the Project site. As such, the inclusion of the above-mentioned operational mitigation measures in the model is incorrect. As a result, the model may underestimate the Project’s area-related operational emissions and should not be relied upon to determine Project significance.

#### Diesel Particulate Matter Health Risk Emissions Inadequately Evaluated

The IS/MND conducts a screening analysis using the SJVAPCD’s Prioritization Calculator to evaluate the impacts from exposure to diesel particulate matter (“DPM”) emissions generated by heavy-duty diesel trucks during Project operation. Specifically, the IS/MND states:

“The results of the screening analysis show that the cancer and non-cancer risks associated with the proposed Project are below the SJVAPCD screening thresholds contained within their Prioritization Calculator. Specifically, the Prioritization Calculator estimates that the prioritization score associated with total cancer risk from proposed project DPM would be approximately 3.12, well below the SJVAPCD threshold of 10 that would require development of air toxics Health Risk Assessment (HRA) that includes air dispersion modeling. Additionally, non-cancer (i.e. chronic and acute risks) associated with project DPM would also be well below the applicable thresholds for the Maximally Exposed Individual (i.e. greater than or equal to the Hazard Index level of 1). Therefore, the complex air dispersion modeling using software such as AERMOD is not required. See Appendix B for further detail” (p. 36).

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As demonstrated above, the IS/MND determines that the Project would have a prioritization score of 3.12, indicating that the Project is not required to conduct a health risk assessment (“HRA”) for the operational-related health risk impacts. However, regarding the health risk impacts associated with Project construction, the IS/MND states:

“The construction phase of the project would be temporary and short-term, and the implementation of all State, Federal, and SJVAPCD requirements would greatly reduce pollution concentrations generated during construction activities. As shown in Table AIR-1, the proposed Project’s construction-related criteria pollutant emissions would not exceed the applicable thresholds. Therefore, dust from construction of the proposed Project would be reduced and would be consistent with SJVAPCD guidance on this topic. Impacts to sensitive receptors during construction would be negligible and this is a less than significant impact” (p. 35).

<sup>20</sup> “CEQA Portal Topic Paper Mitigation Measures.” Association of Environmental Professionals (AEP), February 2020, available at: <https://ceqaportal.org/to/CEQA%20Mitigation%202020.pdf>, p. 6.

As demonstrated above, the IS/MND concludes that the Project would result in a less-than-significant construction-related health risk impact because the criteria air pollutant emissions associated with Project construction would not exceed the applicable thresholds. However, the IS/MND's evaluation of the Project's potential health risk impacts, as well as the subsequent less-than-significant impact conclusion, is incorrect for three reasons.

First, by failing to prepare a quantified construction HRA, the Project is inconsistent with CEQA's requirement to make "a reasonable effort to substantively connect a project's air quality impacts to likely health consequences."<sup>21</sup> This poses a problem, as construction of the Project would produce DPM emissions through the exhaust stacks of construction equipment over a duration of approximately 11 months (Appendix A, pp. 150). However, the IS/MND fails to evaluate the toxic air contaminant ("TAC") emissions associated with Project construction or indicate the concentrations at which such pollutants would trigger adverse health effects. Thus, without making a reasonable effort to connect the Project's construction-related TAC emissions to the potential health risks posed to nearby receptors, the IS/MND is inconsistent with CEQA's requirement to correlate Project-generated emissions with the potential adverse impacts on human health.

Second, the State of California Department of Justice recommends that warehouse projects prepare a quantitative HRA pursuant to the Office of Environmental Health Hazard Assessment ("OEHHA"), the organization responsible for providing guidance on conducting HRAs in California, as well as local air district guidelines.<sup>22</sup> OEHHA released its most recent *Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments* in February 2015, as referenced by the IS/MND (p. 35). This guidance document describes the types of projects that warrant the preparation of an HRA. Specifically, OEHHA recommends that all short-term projects lasting at least 2 months assess cancer risks.<sup>23</sup> Furthermore, according to OEHHA:

"Exposure from projects lasting more than 6 months should be evaluated for the duration of the project. In all cases, for assessing risk to residential receptors, the exposure should be assumed to start in the third trimester to allow for the use of the ASFs (OEHHA, 2009)."<sup>24</sup>

Thus, as the Project's anticipated construction duration exceeds the 2-month and 6-month requirements set forth by OEHHA, construction of the Project meets the threshold warranting a quantified HRA under OEHHA guidance and should be evaluated for the entire construction period. These recommendations reflect the most recent state health risk policies, and as such, an EIR should be

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<sup>21</sup> "Sierra Club v. County of Fresno." Supreme Court of California, December 2018, available at: <https://ceqaportal.org/decisions/1907/Sierra%20Club%20v.%20County%20of%20Fresno.pdf>.

<sup>22</sup> "Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act." State of California Department of Justice, available at: <https://oag.ca.gov/sites/all/files/agweb/pdfs/environment/warehouse-best-practices.pdf>, p. 6.

<sup>23</sup> "Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments." OEHHA, February 2015, available at: <https://oehha.ca.gov/media/downloads/cmr/2015guidancemanual.pdf>, p. 8-18.

<sup>24</sup> "Risk Assessment Guidelines: Guidance Manual for Preparation of Health Risk Assessments." OEHHA, February 2015, available at: <https://oehha.ca.gov/media/downloads/cmr/2015guidancemanual.pdf>, p. 8-18.

prepared to include an analysis of health risk impacts posed to nearby sensitive receptors from Project-generated DPM emissions.

Third, while the IS/MND includes a screening analysis evaluating the health risk impacts to nearby, existing receptors as a result of Project operation, the IS/MND fails to evaluate the combined lifetime cancer risk to nearby, existing receptors as a result of Project construction and operation together. According to OEHHA guidance, “the excess cancer risk is calculated separately for each age grouping and then summed to yield cancer risk at the receptor location.”<sup>25</sup> However, the IS/MND fails to sum each age bin to evaluate the total cancer risk over the course of the Project’s total construction and operation. This is incorrect and thus, an updated analysis should quantify and sum the entirety of the Project’s construction and operational cancer risks to compare to the SJVAPCD’s specific numeric threshold of 20 in one million.<sup>26</sup>

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**Greenhouse Gas**

**Failure to Adequately Evaluate Greenhouse Gas Impacts**

The IS/MND relies upon the Project’s consistency with the City’s Climate Action Plan (“CAP”) in order to conclude a less-than-significant greenhouse gas (“GHG”) impact. Specifically, the IS/MND claims to be consistent with the following strategies (see excerpt below) (p. 60, Table GHG-2):

**TABLE GHG-2: PROJECT CONSISTENCY WITH THE MANTECA CAP**

No.	Strategy	Consistency Determination
CD-1	The City shall encourage projects consistent with the development densities allowed by the General Plan and are contiguous to existing development meet compact development criteria.	<b>Consistent:</b> The project is consistent with the development densities allowed by the General Plan.
CD-2	The City shall encourage projects that are at or near the maximum densities allowed by the General Plan and zoning designations to achieve more compact development.	<b>Consistent:</b> The project is near the maximum density allowed by the General Plan and zoning designations.
TDM-1	Notify developers of large commercial and industrial developments of the requirements of SJVAPCD Rule 9410 to implement TDM programs that reduce commute trips.	<b>Consistent:</b> The City would notify the developer of the project regarding the requirements of SJVAPCD Rule 9410 to implement TDM programs that reduce commute trips.
TEF-1	The City shall provide developers of projects with the potential for employing more than 100 persons at a single work site with information on end-of-trip facilities appropriate for the type of business and size of the project that will assist in their compliance with SJVAPCD Rule 9410.	<b>Consistent:</b> The City would notify the developer of the project regarding the potential for employing more than 100 persons at a single work site with information on end-of-trip facilities
ENB-1	The City shall require developers to exceed Title 24 energy efficiency standards by at least 10 percent. The City recognizes that it may not be feasible for all buildings and structures to exceed Title 24 by this amount because of the form or function of the building. Projects that cannot meet the reduction level may provide solar panels or other non-building-related energy efficiency measures such as exterior lighting or water savings.	<b>Consistent:</b> The project developer would be required to develop building plans consistent with this measure.

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<sup>25</sup> “Guidance Manual for preparation of Health Risk Assessments.” OEHHA, February 2015, available at: <https://oehha.ca.gov/media/downloads/cnr/2015guidancemanual.pdf> p. 8-4

<sup>26</sup> “Recommended Thresholds of Significant Impact.” SJVAPCD, available at: <https://www.vallevair.org/transportation/ceqaanalysislevels.htm>.

As such, the IS/MND concludes:

“Overall, the proposed project would be consistent with the strategies as described in the City of Manteca CAP and it functions as an implementation project toward achieving the City’s Climate Action Plan. Since the proposed project would not conflict with the Manteca CAP (including consistency with the growth projections generated by the Manteca CAP or SJCOG’s RTP/SCS, the proposed project would not generate a significant cumulative impact to GHGs.

The proposed project would not generate GHG emissions that would have a significant impact on the environment or conflict with any applicable plans, policies, or regulations. Therefore, impacts related to greenhouse gasses are less than significant” (p. 30).

However, the IS/MND’s claim that the Project is consistent with the City’s CAP, and the subsequent less-than-significant impact conclusion, is unsupported for two reasons.

First, the IS/MND fails to mention or discuss that the Project intends to exceed Title 24 standards other than in the context of the City’s CAP. Rather, the IS/MND simply states:

“The proposed Project would comply with all existing energy standards, including the statewide Title 24 Energy Efficiency Standards, and would not result in significant adverse impacts on energy resources” (p. 48).

Here, the IS/MND only indicates that the Project intends on meeting the existing Title 24 standards. This is insufficient, as the Project must exceed Title 24 standards by 10% in order to be consistent with the City’s CAP.

Second, the IS/MND fails to incorporate the above-mentioned strategies as formal mitigation measures. As previously discussed, according to AEP guidance, measures that are not formally included in a MMRP may be eliminated from the Project’s design altogether.<sup>27</sup> Thus, we cannot guarantee that these strategies would be implemented, monitored, and enforced on the Project site.

Until an EIR is prepared to include the applicable strategies from the City’s CAP as formal mitigation measures, the Project’s GHG analysis is insufficient and should not be relied upon to determine Project significance.

**Disclaimer**

SWAPE has received limited discovery regarding this project. Additional information may become available in the future; thus, we retain the right to revise or amend this report when additional information becomes available. Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at the time of service. No other warranty, expressed or implied, is made as to the scope of work, work methodologies and protocols, site conditions, analytical testing

<sup>27</sup> “CEQA Portal Topic Paper Mitigation Measures.” AEP, February 2020, available at: <https://ceqaportal.org/wp/CEQA%20Mitigation%202020.pdf>, p. 6.

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results, and findings presented. This report reflects efforts which were limited to information that was reasonably accessible at the time of the work, and may contain informational gaps, inconsistencies, or otherwise be incomplete due to the unavailability or uncertainty of information obtained or provided by third parties.

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Sincerely,



Matt Hagemann, P.G., C.Hg.



Paul E. Rosenfeld, Ph.D.

Attachment A: Matt Hagemann CV

Attachment B: Paul E. Rosenfeld CV



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**Geologic and Hydrogeologic Characterization  
Investigation and Remediation Strategies  
Litigation Support and Testifying Expert  
Industrial Stormwater Compliance  
CEQA Review**

**Education:**

M.S. Degree, Geology, California State University Los Angeles, Los Angeles, CA, 1984.  
B.A. Degree, Geology, Humboldt State University, Arcata, CA, 1982.

**Professional Certifications:**

California Professional Geologist  
California Certified Hydrogeologist  
Qualified SWPPP Developer and Practitioner

**Professional Experience:**

Matt has 30 years of experience in environmental policy, contaminant assessment and remediation, stormwater compliance, and CEQA review. He spent nine years with the U.S. EPA in the RCRA and Superfund programs and served as EPA’s Senior Science Policy Advisor in the Western Regional Office where he identified emerging threats to groundwater from perchlorate and MTBE. While with EPA, Matt also served as a Senior Hydrogeologist in the oversight of the assessment of seven major military facilities undergoing base closure. He led numerous enforcement actions under provisions of the Resource Conservation and Recovery Act (RCRA) and directed efforts to improve hydrogeologic characterization and water quality monitoring. For the past 15 years, as a founding partner with SWAPE, Matt has developed extensive client relationships and has managed complex projects that include consultation as an expert witness and a regulatory specialist, and a manager of projects ranging from industrial stormwater compliance to CEQA review of impacts from hazardous waste, air quality and greenhouse gas emissions.

Positions Matt has held include:

- Founding Partner, Soil/Water/Air Protection Enterprise (SWAPE) (2003 – present);
- Geology Instructor, Golden West College, 2010 – 2104, 2017;
- Senior Environmental Analyst, Komex H2O Science, Inc. (2000 – 2003);

- Executive Director, Orange Coast Watch (2001 – 2004);
- Senior Science Policy Advisor and Hydrogeologist, U.S. Environmental Protection Agency (1989–1998);
- Hydrogeologist, National Park Service, Water Resources Division (1998 – 2000);
- Adjunct Faculty Member, San Francisco State University, Department of Geosciences (1993–1998);
- Instructor, College of Marin, Department of Science (1990 – 1995);
- Geologist, U.S. Forest Service (1986 – 1998); and
- Geologist, Dames & Moore (1984 – 1986).

**Senior Regulatory and Litigation Support Analyst:**

With SWAPE, Matt’s responsibilities have included:

- Lead analyst and testifying expert in the review of over 300 environmental impact reports and negative declarations since 2003 under CEQA that identify significant issues with regard to hazardous waste, water resources, water quality, air quality, greenhouse gas emissions, and geologic hazards. Make recommendations for additional mitigation measures to lead agencies at the local and county level to include additional characterization of health risks and implementation of protective measures to reduce worker exposure to hazards from toxins and Valley Fever.
- Stormwater analysis, sampling and best management practice evaluation at more than 100 industrial facilities.
- Expert witness on numerous cases including, for example, perfluorooctanoic acid (PFOA) contamination of groundwater, MTBE litigation, air toxins at hazards at a school, CERCLA compliance in assessment and remediation, and industrial stormwater contamination.
- Technical assistance and litigation support for vapor intrusion concerns.
- Lead analyst and testifying expert in the review of environmental issues in license applications for large solar power plants before the California Energy Commission.
- Manager of a project to evaluate numerous formerly used military sites in the western U.S.
- Manager of a comprehensive evaluation of potential sources of perchlorate contamination in Southern California drinking water wells.
- Manager and designated expert for litigation support under provisions of Proposition 65 in the review of releases of gasoline to sources drinking water at major refineries and hundreds of gas stations throughout California.

With Komex H2O Science Inc., Matt’s duties included the following:

- Senior author of a report on the extent of perchlorate contamination that was used in testimony by the former U.S. EPA Administrator and General Counsel.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of MTBE use, research, and regulation.
- Senior researcher in the development of a comprehensive, electronically interactive chronology of perchlorate use, research, and regulation.
- Senior researcher in a study that estimates nationwide costs for MTBE remediation and drinking water treatment, results of which were published in newspapers nationwide and in testimony against provisions of an energy bill that would limit liability for oil companies.
- Research to support litigation to restore drinking water supplies that have been contaminated by MTBE in California and New York.



- Expert witness testimony in a case of oil production-related contamination in Mississippi.
- Lead author for a multi-volume remedial investigation report for an operating school in Los Angeles that met strict regulatory requirements and rigorous deadlines.
- Development of strategic approaches for cleanup of contaminated sites in consultation with clients and regulators.

**Executive Director:**

As Executive Director with Orange Coast Watch, Matt led efforts to restore water quality at Orange County beaches from multiple sources of contamination including urban runoff and the discharge of wastewater. In reporting to a Board of Directors that included representatives from leading Orange County universities and businesses, Matt prepared issue papers in the areas of treatment and disinfection of wastewater and control of the discharge of grease to sewer systems. Matt actively participated in the development of countywide water quality permits for the control of urban runoff and permits for the discharge of wastewater. Matt worked with other nonprofits to protect and restore water quality, including Surfrider, Natural Resources Defense Council and Orange County CoastKeeper as well as with business institutions including the Orange County Business Council.

**Hydrogeology:**

As a Senior Hydrogeologist with the U.S. Environmental Protection Agency, Matt led investigations to characterize and cleanup closing military bases, including Mare Island Naval Shipyard, Hunters Point Naval Shipyard, Treasure Island Naval Station, Alameda Naval Station, Moffett Field, Mather Army Airfield, and Sacramento Army Depot. Specific activities were as follows:

- Led efforts to model groundwater flow and contaminant transport, ensured adequacy of monitoring networks, and assessed cleanup alternatives for contaminated sediment, soil, and groundwater.
- Initiated a regional program for evaluation of groundwater sampling practices and laboratory analysis at military bases.
- Identified emerging issues, wrote technical guidance, and assisted in policy and regulation development through work on four national U.S. EPA workgroups, including the Superfund Groundwater Technical Forum and the Federal Facilities Forum.

At the request of the State of Hawaii, Matt developed a methodology to determine the vulnerability of groundwater to contamination on the islands of Maui and Oahu. He used analytical models and a GIS to show zones of vulnerability, and the results were adopted and published by the State of Hawaii and County of Maui.

As a hydrogeologist with the EPA Groundwater Protection Section, Matt worked with provisions of the Safe Drinking Water Act and NEPA to prevent drinking water contamination. Specific activities included the following:

- Received an EPA Bronze Medal for his contribution to the development of national guidance for the protection of drinking water.
- Managed the Sole Source Aquifer Program and protected the drinking water of two communities through designation under the Safe Drinking Water Act. He prepared geologic reports, conducted

public hearings, and responded to public comments from residents who were very concerned about the impact of designation.

- Reviewed a number of Environmental Impact Statements for planned major developments, including large hazardous and solid waste disposal facilities, mine reclamation, and water transfer.

Matt served as a hydrogeologist with the RCRA Hazardous Waste program. Duties were as follows:

- Supervised the hydrogeologic investigation of hazardous waste sites to determine compliance with Subtitle C requirements.
- Reviewed and wrote "part B" permits for the disposal of hazardous waste.
- Conducted RCRA Corrective Action investigations of waste sites and led inspections that formed the basis for significant enforcement actions that were developed in close coordination with U.S. EPA legal counsel.
- Wrote contract specifications and supervised contractor's investigations of waste sites.

With the National Park Service, Matt directed service-wide investigations of contaminant sources to prevent degradation of water quality, including the following tasks:

- Applied pertinent laws and regulations including CERCLA, RCRA, NEPA, NRDA, and the Clean Water Act to control military, mining, and landfill contaminants.
- Conducted watershed-scale investigations of contaminants at parks, including Yellowstone and Olympic National Park.
- Identified high-levels of perchlorate in soil adjacent to a national park in New Mexico and advised park superintendent on appropriate response actions under CERCLA.
- Served as a Park Service representative on the Interagency Perchlorate Steering Committee, a national workgroup.
- Developed a program to conduct environmental compliance audits of all National Parks while serving on a national workgroup.
- Co-authored two papers on the potential for water contamination from the operation of personal watercraft and snowmobiles, these papers serving as the basis for the development of nationwide policy on the use of these vehicles in National Parks.
- Contributed to the Federal Multi-Agency Source Water Agreement under the Clean Water Action Plan.

**Policy:**

Served senior management as the Senior Science Policy Advisor with the U.S. Environmental Protection Agency, Region 9.

Activities included the following:

- Advised the Regional Administrator and senior management on emerging issues such as the potential for the gasoline additive MTBE and ammonium perchlorate to contaminate drinking water supplies.
- Shaped EPA's national response to these threats by serving on workgroups and by contributing to guidance, including the Office of Research and Development publication, *Oxygenates in Water: Critical Information and Research Needs*.
- Improved the technical training of EPA's scientific and engineering staff.
- Earned an EPA Bronze Medal for representing the region's 300 scientists and engineers in negotiations with the Administrator and senior management to better integrate scientific

- principles into the policy-making process.
- Established national protocol for the peer review of scientific documents.

**Geology:**

With the U.S. Forest Service, Matt led investigations to determine hillslope stability of areas proposed for timber harvest in the central Oregon Coast Range. Specific activities were as follows:

- Mapped geology in the field, and used aerial photographic interpretation and mathematical models to determine slope stability.
- Coordinated his research with community members who were concerned with natural resource protection.
- Characterized the geology of an aquifer that serves as the sole source of drinking water for the city of Medford, Oregon.

As a consultant with Dames and Moore, Matt led geologic investigations of two contaminated sites (later listed on the Superfund NPL) in the Portland, Oregon, area and a large hazardous waste site in eastern Oregon. Duties included the following:

- Supervised year-long effort for soil and groundwater sampling.
- Conducted aquifer tests.
- Investigated active faults beneath sites proposed for hazardous waste disposal.

**Teaching:**

From 1990 to 1998, Matt taught at least one course per semester at the community college and university levels:

- At San Francisco State University, held an adjunct faculty position and taught courses in environmental geology, oceanography (lab and lecture), hydrogeology, and groundwater contamination.
- Served as a committee member for graduate and undergraduate students.
- Taught courses in environmental geology and oceanography at the College of Marin.

Matt is currently a part time geology instructor at Golden West College in Huntington Beach, California where he taught from 2010 to 2014 and in 2017.

**Invited Testimony, Reports, Papers and Presentations:**

**Hagemann, M.F., 2008.** Disclosure of Hazardous Waste Issues under CEQA. Presentation to the Public Environmental Law Conference, Eugene, Oregon.

**Hagemann, M.F., 2008.** Disclosure of Hazardous Waste Issues under CEQA. Invited presentation to U.S. EPA Region 9, San Francisco, California.

**Hagemann, M.F., 2005.** Use of Electronic Databases in Environmental Regulation, Policy Making and Public Participation. Brownfields 2005, Denver, Colorado.

**Hagemann, M.F., 2004.** Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Nevada and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Las Vegas, NV (served on conference organizing committee).

**Hagemann, M.F., 2004.** Invited testimony to a California Senate committee hearing on air toxins at schools in Southern California, Los Angeles.

**Brown, A., Farrow, J., Gray, A. and Hagemann, M., 2004.** An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to the Ground Water and Environmental Law Conference, National Groundwater Association.

**Hagemann, M.F., 2004.** Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in Arizona and the Southwestern U.S. Presentation to a meeting of the American Groundwater Trust, Phoenix, AZ (served on conference organizing committee).

**Hagemann, M.F., 2003.** Perchlorate Contamination of the Colorado River and Impacts to Drinking Water in the Southwestern U.S. Invited presentation to a special committee meeting of the National Academy of Sciences, Irvine, CA.

**Hagemann, M.F., 2003.** Perchlorate Contamination of the Colorado River. Invited presentation to a tribal EPA meeting, Pechanga, CA.

**Hagemann, M.F., 2003.** Perchlorate Contamination of the Colorado River. Invited presentation to a meeting of tribal representatives, Parker, AZ.

**Hagemann, M.F., 2003.** Impact of Perchlorate on the Colorado River and Associated Drinking Water Supplies. Invited presentation to the Inter-Tribal Meeting, Torres Martinez Tribe.

**Hagemann, M.F., 2003.** The Emergence of Perchlorate as a Widespread Drinking Water Contaminant. Invited presentation to the U.S. EPA Region 9.

**Hagemann, M.F., 2003.** A Deductive Approach to the Assessment of Perchlorate Contamination. Invited presentation to the California Assembly Natural Resources Committee.

**Hagemann, M.F., 2003.** Perchlorate: A Cold War Legacy in Drinking Water. Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F., 2002.** From Tank to Tap: A Chronology of MTBE in Groundwater. Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F., 2002.** A Chronology of MTBE in Groundwater and an Estimate of Costs to Address Impacts to Groundwater. Presentation to the annual meeting of the Society of Environmental Journalists.

**Hagemann, M.F., 2002.** An Estimate of the Cost to Address MTBE Contamination in Groundwater (and Who Will Pay). Presentation to a meeting of the National Groundwater Association.

**Hagemann, M.F., 2002.** An Estimate of Costs to Address MTBE Releases from Underground Storage Tanks and the Resulting Impact to Drinking Water Wells. Presentation to a meeting of the U.S. EPA and State Underground Storage Tank Program managers.

**Hagemann, M.F., 2001.** From Tank to Tap: A Chronology of MTBE in Groundwater. Unpublished report.

**Hagemann, M.F., 2001.** Estimated Cleanup Cost for MTBE in Groundwater Used as Drinking Water. Unpublished report.

**Hagemann, M.F., 2001.** Estimated Costs to Address MTBE Releases from Leaking Underground Storage Tanks. Unpublished report.

**Hagemann, M.F., and VanMouwerik, M., 1999.** Potential Water Quality Concerns Related to Snowmobile Usage. Water Resources Division, National Park Service, Technical Report.

VanMouwerik, M. and **Hagemann, M.F.** 1999, Water Quality Concerns Related to Personal Watercraft Usage. Water Resources Division, National Park Service, Technical Report.

**Hagemann, M.F., 1999,** Is Dilution the Solution to Pollution in National Parks? The George Wright Society Biannual Meeting, Asheville, North Carolina.

**Hagemann, M.F., 1997,** The Potential for MTBE to Contaminate Groundwater. U.S. EPA Superfund Groundwater Technical Forum Annual Meeting, Las Vegas, Nevada.

**Hagemann, M.F., and Gill, M., 1996,** Impediments to Intrinsic Remediation, Moffett Field Naval Air Station, Conference on Intrinsic Remediation of Chlorinated Hydrocarbons, Salt Lake City.

**Hagemann, M.F., Fukunaga, G.L., 1996,** The Vulnerability of Groundwater to Anthropogenic Contaminants on the Island of Maui, Hawaii. Hawaii Water Works Association Annual Meeting, Maui, October 1996.

**Hagemann, M. F., Fukunaga, G. L., 1996,** Ranking Groundwater Vulnerability in Central Oahu, Hawaii. Proceedings, Geographic Information Systems in Environmental Resources Management, Air and Waste Management Association Publication VIP-61.

**Hagemann, M.F., 1994.** Groundwater Characterization and Cleanup at Closing Military Bases in California. Proceedings, California Groundwater Resources Association Meeting.

**Hagemann, M.F. and Sabol, M.A., 1993.** Role of the U.S. EPA in the High Plains States Groundwater Recharge Demonstration Program. Proceedings, Sixth Biennial Symposium on the Artificial Recharge of Groundwater.

**Hagemann, M.F., 1993.** U.S. EPA Policy on the Technical Impracticability of the Cleanup of DNAPL-contaminated Groundwater. California Groundwater Resources Association Meeting.

**Hagemann, M.F., 1992.** Dense Nonaqueous Phase Liquid Contamination of Groundwater: An Ounce of Prevention... Proceedings, Association of Engineering Geologists Annual Meeting, v. 35.

**Other Experience:**

Selected as subject matter expert for the California Professional Geologist licensing examinations, 2009-2011.



Technical Consultation, Data Analysis and  
Litigation Support for the Environment

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***Paul Rosenfeld, Ph.D.***

**Chemical Fate and Transport & Air Dispersion Modeling**

*Principal Environmental Chemist*

**Risk Assessment & Remediation Specialist**

**Education**

Ph.D. Soil Chemistry, University of Washington, 1999. Dissertation on volatile organic compound filtration.

M.S. Environmental Science, U.C. Berkeley, 1995. Thesis on organic waste economics.

B.A. Environmental Studies, U.C. Santa Barbara, 1991. Thesis on wastewater treatment.

**Professional Experience**

Dr. Rosenfeld has over 25 years' experience conducting environmental investigations and risk assessments for evaluating impacts to human health, property, and ecological receptors. His expertise focuses on the fate and transport of environmental contaminants, human health risk, exposure assessment, and ecological restoration. Dr. Rosenfeld has evaluated and modeled emissions from oil spills, landfills, boilers and incinerators, process stacks, storage tanks, confined animal feeding operations, industrial, military and agricultural sources, unconventional oil drilling operations, and locomotive and construction engines. His project experience ranges from monitoring and modeling of pollution sources to evaluating impacts of pollution on workers at industrial facilities and residents in surrounding communities. Dr. Rosenfeld has also successfully modeled exposure to contaminants distributed by water systems and via vapor intrusion.

Dr. Rosenfeld has investigated and designed remediation programs and risk assessments for contaminated sites containing lead, heavy metals, mold, bacteria, particulate matter, petroleum hydrocarbons, chlorinated solvents, pesticides, radioactive waste, dioxins and furans, semi- and volatile organic compounds, PCBs, PAHs, creosote, perchlorate, asbestos, per- and poly-fluoroalkyl substances (PFOA/PFOS), unusual polymers, fuel oxygenates (MTBE), among other pollutants. Dr. Rosenfeld also has experience evaluating greenhouse gas emissions from various projects and is an expert on the assessment of odors from industrial and agricultural sites, as well as the evaluation of odor nuisance impacts and technologies for abatement of odorous emissions. As a principal scientist at SWAPE, Dr. Rosenfeld directs air dispersion modeling and exposure assessments. He has served as an expert witness and testified about pollution sources causing nuisance and/or personal injury at sites and has testified as an expert witness on numerous cases involving exposure to soil, water and air contaminants from industrial, railroad, agricultural, and military sources.

## **Professional History:**

Soil Water Air Protection Enterprise (SWAPE); 2003 to present; Principal and Founding Partner  
UCLA School of Public Health; 2007 to 2011; Lecturer (Assistant Researcher)  
UCLA School of Public Health; 2003 to 2006; Adjunct Professor  
UCLA Environmental Science and Engineering Program; 2002-2004; Doctoral Intern Coordinator  
UCLA Institute of the Environment, 2001-2002; Research Associate  
Komex H<sub>2</sub>O Science, 2001 to 2003; Senior Remediation Scientist  
National Groundwater Association, 2002-2004; Lecturer  
San Diego State University, 1999-2001; Adjunct Professor  
Anteon Corp., San Diego, 2000-2001; Remediation Project Manager  
Ogden (now Amec), San Diego, 2000-2000; Remediation Project Manager  
Bechtel, San Diego, California, 1999 – 2000; Risk Assessor  
King County, Seattle, 1996 – 1999; Scientist  
James River Corp., Washington, 1995-96; Scientist  
Big Creek Lumber, Davenport, California, 1995; Scientist  
Plumas Corp., California and USFS, Tahoe 1993-1995; Scientist  
Peace Corps and World Wildlife Fund, St. Kitts, West Indies, 1991-1993; Scientist

## **Publications:**

Remy, L.L., Clay T., Byers, V., **Rosenfeld P. E.** (2019) Hospital, Health, and Community Burden After Oil Refinery Fires, Richmond, California 2007 and 2012. *Environmental Health*. 18:48

Simons, R.A., Seo, Y. **Rosenfeld, P.**, (2015) Modeling the Effect of Refinery Emission On Residential Property Value. *Journal of Real Estate Research*. 27(3):321-342

Chen, J. A., Zapata A. R., Sutherland A. J., Molmen, D.R., Chow, B. S., Wu, L. E., **Rosenfeld, P. E.**, Hesse, R. C., (2012) Sulfur Dioxide and Volatile Organic Compound Exposure To A Community In Texas City Texas Evaluated Using Aermol and Empirical Data. *American Journal of Environmental Science*, 8(6), 622-632.

**Rosenfeld, P.E.** & Feng, L. (2011). *The Risks of Hazardous Waste*. Amsterdam: Elsevier Publishing.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2011). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Agrochemical Industry*, Amsterdam: Elsevier Publishing.

Gonzalez, J., Feng, L., Sutherland, A., Waller, C., Sok, H., Hesse, R., **Rosenfeld, P.** (2010). PCBs and Dioxins/Furans in Attic Dust Collected Near Former PCB Production and Secondary Copper Facilities in Sauget, IL. *Procedia Environmental Sciences*. 113–125.

Feng, L., Wu, C., Tam, L., Sutherland, A.J., Clark, J.J., **Rosenfeld, P.E.** (2010). Dioxin and Furan Blood Lipid and Attic Dust Concentrations in Populations Living Near Four Wood Treatment Facilities in the United States. *Journal of Environmental Health*. 73(6), 34-46.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2010). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Wood and Paper Industries*. Amsterdam: Elsevier Publishing.

Cheremisinoff, N.P., & **Rosenfeld, P.E.** (2009). *Handbook of Pollution Prevention and Cleaner Production: Best Practices in the Petroleum Industry*. Amsterdam: Elsevier Publishing.

Wu, C., Tam, L., Clark, J., **Rosenfeld, P.** (2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. *WIT Transactions on Ecology and the Environment, Air Pollution*, 123 (17), 319-327.



- Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). A Statistical Analysis Of Attic Dust And Blood Lipid Concentrations Of Tetrachloro-p-Dibenzodioxin (TCDD) Toxicity Equivalency Quotients (TEQ) In Two Populations Near Wood Treatment Facilities. *Organohalogen Compounds*, 70, 002252-002255.
- Tam L. K., Wu C. D., Clark J. J. and **Rosenfeld, P.E.** (2008). Methods For Collect Samples For Assessing Dioxins And Other Environmental Contaminants In Attic Dust: A Review. *Organohalogen Compounds*, 70, 000527-000530.
- Hensley, A.R. A. Scott, J. J. J. Clark, **Rosenfeld, P.E.** (2007). Attic Dust and Human Blood Samples Collected near a Former Wood Treatment Facility. *Environmental Research*. 105, 194-197.
- Rosenfeld, P.E.**, J. J. J. Clark, A. R. Hensley, M. Suffet. (2007). The Use of an Odor Wheel Classification for Evaluation of Human Health Risk Criteria for Compost Facilities. *Water Science & Technology* 55(5), 345-357.
- Rosenfeld, P. E.**, M. Suffet. (2007). The Anatomy Of Odour Wheels For Odours Of Drinking Water, Wastewater, Compost And The Urban Environment. *Water Science & Technology* 55(5), 335-344.
- Sullivan, P. J. Clark, J.J.J., Agardy, F. J., **Rosenfeld, P.E.** (2007). *Toxic Legacy, Synthetic Toxins in the Food, Water, and Air in American Cities*. Boston Massachusetts: Elsevier Publishing
- Rosenfeld, P.E.**, and Suffet I.H. (2004). Control of Compost Odor Using High Carbon Wood Ash. *Water Science and Technology*. 49(9),171-178.
- Rosenfeld P. E.**, J.J. Clark, I.H. (Mel) Suffet (2004). The Value of An Odor-Quality-Wheel Classification Scheme For The Urban Environment. *Water Environment Federation's Technical Exhibition and Conference (WEFTEC) 2004*. New Orleans, October 2-6, 2004.
- Rosenfeld, P.E.**, and Suffet, I.H. (2004). Understanding Odorants Associated With Compost, Biomass Facilities, and the Land Application of Biosolids. *Water Science and Technology*. 49(9), 193-199.
- Rosenfeld, P.E.**, and Suffet I.H. (2004). Control of Compost Odor Using High Carbon Wood Ash, *Water Science and Technology*, 49(9), 171-178.
- Rosenfeld, P. E.**, Grey, M. A., Sellow, P. (2004). Measurement of Biosolids Odor and Odorant Emissions from Windrows, Static Pile and Biofilter. *Water Environment Research*. 76(4), 310-315.
- Rosenfeld, P.E.**, Grey, M and Suffet, M. (2002). Compost Demonstration Project, Sacramento California Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Integrated Waste Management Board Public Affairs Office*, Publications Clearinghouse (MS-6), Sacramento, CA Publication #442-02-008.
- Rosenfeld, P.E.**, and C.L. Henry. (2001). Characterization of odor emissions from three different biosolids. *Water Soil and Air Pollution*. 127(1-4), 173-191.
- Rosenfeld, P.E.**, and Henry C. L., (2000). Wood ash control of odor emissions from biosolids application. *Journal of Environmental Quality*. 29, 1662-1668.
- Rosenfeld, P.E.**, C.L. Henry and D. Bennett. (2001). Wastewater dewatering polymer affect on biosolids odor emissions and microbial activity. *Water Environment Research*. 73(4), 363-367.
- Rosenfeld, P.E.**, and C.L. Henry. (2001). Activated Carbon and Wood Ash Sorption of Wastewater, Compost, and Biosolids Odorants. *Water Environment Research*, 73, 388-393.
- Rosenfeld, P.E.**, and Henry C. L., (2001). High carbon wood ash effect on biosolids microbial activity and odor. *Water Environment Research*. 131(1-4), 247-262.

Chollack, T. and P. Rosenfeld. (1998). Compost Amendment Handbook For Landscaping. Prepared for and distributed by the City of Redmond, Washington State.

Rosenfeld, P. E. (1992). The Mount Liamuiga Crater Trail. *Heritage Magazine of St. Kitts*, 3(2).

Rosenfeld, P. E. (1993). High School Biogas Project to Prevent Deforestation On St. Kitts. *Biomass Users Network*, 7(1).

Rosenfeld, P. E. (1998). Characterization, Quantification, and Control of Odor Emissions From Biosolids Application To Forest Soil. Doctoral Thesis. University of Washington College of Forest Resources.

Rosenfeld, P. E. (1994). Potential Utilization of Small Diameter Trees on Sierra County Public Land. Masters thesis reprinted by the Sierra County Economic Council. Sierra County, California.

Rosenfeld, P. E. (1991). How to Build a Small Rural Anaerobic Digester & Uses Of Biogas In The First And Third World. Bachelors Thesis. University of California.

## **Presentations:**

Rosenfeld, P.E., "The science for Perfluorinated Chemicals (PFAS): What makes remediation so hard?" Law Seminars International, (May 9-10, 2018) 800 Fifth Avenue, Suite 101 Seattle, WA.

Rosenfeld, P.E., Sutherland, A.; Hesse, R.; Zapata, A. (October 3-6, 2013). Air dispersion modeling of volatile organic emissions from multiple natural gas wells in Decatur, TX. *44th Western Regional Meeting, American Chemical Society*. Lecture conducted from Santa Clara, CA.

Sok, H.L.; Waller, C.C.; Feng, L.; Gonzalez, J.; Sutherland, A.J.; Wisdom-Stack, T.; Sahai, R.K.; Hesse, R.C.; Rosenfeld, P.E. (June 20-23, 2010). Atrazine: A Persistent Pesticide in Urban Drinking Water. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

Feng, L.; Gonzalez, J.; Sok, H.L.; Sutherland, A.J.; Waller, C.C.; Wisdom-Stack, T.; Sahai, R.K.; La, M.; Hesse, R.C.; Rosenfeld, P.E. (June 20-23, 2010). Bringing Environmental Justice to East St. Louis, Illinois. *Urban Environmental Pollution*. Lecture conducted from Boston, MA.

Rosenfeld, P.E. (April 19-23, 2009). Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*, Lecture conducted from Tuscon, AZ.

Rosenfeld, P.E. (April 19-23, 2009). Cost to Filter Atrazine Contamination from Drinking Water in the United States" Contamination in Drinking Water From the Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States. *2009 Ground Water Summit and 2009 Ground Water Protection Council Spring Meeting*. Lecture conducted from Tuscon, AZ.

Wu, C., Tam, L., Clark, J., Rosenfeld, P. (20-22 July, 2009). Dioxin and furan blood lipid concentrations in populations living near four wood treatment facilities in the United States. Brebbia, C.A. and Popov, V., eds., *Air Pollution XVII: Proceedings of the Seventeenth International Conference on Modeling, Monitoring and Management of Air Pollution*. Lecture conducted from Tallinn, Estonia.

Rosenfeld, P. E. (October 15-18, 2007). Moss Point Community Exposure To Contaminants From A Releasing Facility. *The 23rd Annual International Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

Rosenfeld, P. E. (October 15-18, 2007). The Repeated Trespass of Tritium-Contaminated Water Into A Surrounding Community Form Repeated Waste Spills From A Nuclear Power Plant. *The 23rd Annual International*

*Conferences on Soils Sediment and Water*. Platform lecture conducted from University of Massachusetts, Amherst MA.

**Rosenfeld, P. E.** (October 15-18, 2007). Somerville Community Exposure To Contaminants From Wood Treatment Facility Emissions. The 23<sup>rd</sup> Annual International Conferences on Soils Sediment and Water. Lecture conducted from University of Massachusetts, Amherst MA.

**Rosenfeld P. E.** (March 2007). Production, Chemical Properties, Toxicology, & Treatment Case Studies of 1,2,3-Trichloropropane (TCP). *The Association for Environmental Health and Sciences (AEHS) Annual Meeting*. Lecture conducted from San Diego, CA.

**Rosenfeld P. E.** (March 2007). Blood and Attic Sampling for Dioxin/Furan, PAH, and Metal Exposure in Florida, Alabama. *The AEHS Annual Meeting*. Lecture conducted from San Diego, CA.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (August 21 – 25, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *The 26th International Symposium on Halogenated Persistent Organic Pollutants – DIOXIN2006*. Lecture conducted from Radisson SAS Scandinavia Hotel in Oslo Norway.

Hensley A.R., Scott, A., **Rosenfeld P.E.**, Clark, J.J.J. (November 4-8, 2006). Dioxin Containing Attic Dust And Human Blood Samples Collected Near A Former Wood Treatment Facility. *APHA 134 Annual Meeting & Exposition*. Lecture conducted from Boston Massachusetts.

**Paul Rosenfeld Ph.D.** (October 24-25, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. Mealey's C8/PFOA. *Science, Risk & Litigation Conference*. Lecture conducted from The Rittenhouse Hotel, Philadelphia, PA.

**Paul Rosenfeld Ph.D.** (September 19, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, *Toxicology and Remediation PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel, Irvine California.

**Paul Rosenfeld Ph.D.** (September 19, 2005). Fate, Transport, Toxicity, And Persistence of 1,2,3-TCP. *PEMA Emerging Contaminant Conference*. Lecture conducted from Hilton Hotel in Irvine, California.

**Paul Rosenfeld Ph.D.** (September 26-27, 2005). Fate, Transport and Persistence of PDBEs. *Mealey's Groundwater Conference*. Lecture conducted from Ritz Carlton Hotel, Marina Del Ray, California.

**Paul Rosenfeld Ph.D.** (June 7-8, 2005). Fate, Transport and Persistence of PFOA and Related Chemicals. *International Society of Environmental Forensics: Focus On Emerging Contaminants*. Lecture conducted from Sheraton Oceanfront Hotel, Virginia Beach, Virginia.

**Paul Rosenfeld Ph.D.** (July 21-22, 2005). Fate Transport, Persistence and Toxicology of PFOA and Related Perfluorochemicals. *2005 National Groundwater Association Ground Water And Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

**Paul Rosenfeld Ph.D.** (July 21-22, 2005). Brominated Flame Retardants in Groundwater: Pathways to Human Ingestion, Toxicology and Remediation. *2005 National Groundwater Association Ground Water and Environmental Law Conference*. Lecture conducted from Wyndham Baltimore Inner Harbor, Baltimore Maryland.

**Paul Rosenfeld, Ph.D.** and James Clark Ph.D. and Rob Hesse R.G. (May 5-6, 2004). Tert-butyl Alcohol Liability and Toxicology, A National Problem and Unquantified Liability. *National Groundwater Association. Environmental Law Conference*. Lecture conducted from Congress Plaza Hotel, Chicago Illinois.

**Paul Rosenfeld, Ph.D.** (March 2004). Perchlorate Toxicology. *Meeting of the American Groundwater Trust*. Lecture conducted from Phoenix Arizona.

Hagemann, M.F., **Paul Rosenfeld, Ph.D.** and Rob Hesse (2004). Perchlorate Contamination of the Colorado River. *Meeting of tribal representatives*. Lecture conducted from Parker, AZ.

**Paul Rosenfeld, Ph.D.** (April 7, 2004). A National Damage Assessment Model For PCE and Dry Cleaners. *Drycleaner Symposium. California Ground Water Association*. Lecture conducted from Radison Hotel, Sacramento, California.

**Rosenfeld, P. E., Grey, M.,** (June 2003) Two stage biofilter for biosolids composting odor control. *Seventh International In Situ And On Site Bioremediation Symposium Battelle Conference* Orlando, FL.

**Paul Rosenfeld, Ph.D.** and James Clark Ph.D. (February 20-21, 2003) Understanding Historical Use, Chemical Properties, Toxicity and Regulatory Guidance of 1,4 Dioxane. *National Groundwater Association. Southwest Focus Conference. Water Supply and Emerging Contaminants.* Lecture conducted from Hyatt Regency Phoenix Arizona.

**Paul Rosenfeld, Ph.D.** (February 6-7, 2003). Underground Storage Tank Litigation and Remediation. *California CUPA Forum*. Lecture conducted from Marriott Hotel, Anaheim California.

**Paul Rosenfeld, Ph.D.** (October 23, 2002) Underground Storage Tank Litigation and Remediation. *EPA Underground Storage Tank Roundtable*. Lecture conducted from Sacramento California.

**Rosenfeld, P.E.** and Suffet, M. (October 7- 10, 2002). Understanding Odor from Compost, *Wastewater and Industrial Processes. Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

**Rosenfeld, P.E.** and Suffet, M. (October 7- 10, 2002). Using High Carbon Wood Ash to Control Compost Odor. *Sixth Annual Symposium On Off Flavors in the Aquatic Environment. International Water Association*. Lecture conducted from Barcelona Spain.

**Rosenfeld, P.E.** and Grey, M. A. (September 22-24, 2002). Biocycle Composting For Coastal Sage Restoration. *Northwest Biosolids Management Association*. Lecture conducted from Vancouver Washington..

**Rosenfeld, P.E.** and Grey, M. A. (November 11-14, 2002). Using High-Carbon Wood Ash to Control Odor at a Green Materials Composting Facility. *Soil Science Society Annual Conference*. Lecture conducted from Indianapolis, Maryland.

**Rosenfeld, P.E.** (September 16, 2000). Two stage biofilter for biosolids composting odor control. *Water Environment Federation*. Lecture conducted from Anaheim California.

**Rosenfeld, P.E.** (October 16, 2000). Wood ash and biofilter control of compost odor. *Biofest*. Lecture conducted from Ocean Shores, California.

**Rosenfeld, P.E.** (2000). Bioremediation Using Organic Soil Amendments. *California Resource Recovery Association*. Lecture conducted from Sacramento California.

**Rosenfeld, P.E., C.L. Henry, R. Harrison.** (1998). Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. *Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings*. Lecture conducted from Bellevue Washington.

**Rosenfeld, P.E., and C.L. Henry.** (1999). An evaluation of ash incorporation with biosolids for odor reduction. *Soil Science Society of America*. Lecture conducted from Salt Lake City Utah.

**Rosenfeld, P.E., C.L. Henry, R. Harrison.** (1998). Comparison of Microbial Activity and Odor Emissions from Three Different Biosolids Applied to Forest Soil. *Brown and Caldwell*. Lecture conducted from Seattle Washington.

**Rosenfeld, P.E., C.L. Henry. (1998).** Characterization, Quantification, and Control of Odor Emissions from Biosolids Application To Forest Soil. *Biofest*. Lecture conducted from Lake Chelan, Washington.

**Rosenfeld, P.E., C.L. Henry, R. Harrison. (1998).** Oat and Grass Seed Germination and Nitrogen and Sulfur Emissions Following Biosolids Incorporation With High-Carbon Wood-Ash. Water Environment Federation 12th Annual Residuals and Biosolids Management Conference Proceedings. Lecture conducted from Bellevue Washington.

**Rosenfeld, P.E., C.L. Henry, R. B. Harrison, and R. Dills. (1997).** Comparison of Odor Emissions From Three Different Biosolids Applied to Forest Soil. *Soil Science Society of America*. Lecture conducted from Anaheim California.

**Teaching Experience:**

UCLA Department of Environmental Health (Summer 2003 through 20010) Taught Environmental Health Science 100 to students, including undergrad, medical doctors, public health professionals and nurses. Course focused on the health effects of environmental contaminants.

National Ground Water Association, Successful Remediation Technologies. Custom Course in Sante Fe, New Mexico. May 21, 2002. Focused on fate and transport of fuel contaminants associated with underground storage tanks.

National Ground Water Association; Successful Remediation Technologies Course in Chicago Illinois. April 1, 2002. Focused on fate and transport of contaminants associated with Superfund and RCRA sites.

California Integrated Waste Management Board, April and May, 2001. Alternative Landfill Caps Seminar in San Diego, Ventura, and San Francisco. Focused on both prescriptive and innovative landfill cover design.

UCLA Department of Environmental Engineering, February 5, 2002. Seminar on Successful Remediation Technologies focusing on Groundwater Remediation.

University Of Washington, Soil Science Program, Teaching Assistant for several courses including: Soil Chemistry, Organic Soil Amendments, and Soil Stability.

U.C. Berkeley, Environmental Science Program Teaching Assistant for Environmental Science 10.

**Academic Grants Awarded:**

California Integrated Waste Management Board. \$41,000 grant awarded to UCLA Institute of the Environment. Goal: To investigate effect of high carbon wood ash on volatile organic emissions from compost. 2001.

Synagro Technologies, Corona California: \$10,000 grant awarded to San Diego State University. Goal: investigate effect of biosolids for restoration and remediation of degraded coastal sage soils. 2000.

King County, Department of Research and Technology, Washington State. \$100,000 grant awarded to University of Washington: Goal: To investigate odor emissions from biosolids application and the effect of polymers and ash on VOC emissions. 1998.

Northwest Biosolids Management Association, Washington State. \$20,000 grant awarded to investigate effect of polymers and ash on VOC emissions from biosolids. 1997.

James River Corporation, Oregon: \$10,000 grant was awarded to investigate the success of genetically engineered Poplar trees with resistance to round-up. 1996.

United State Forest Service, Tahoe National Forest: \$15,000 grant was awarded to investigating fire ecology of the Tahoe National Forest, 1995.

Kellogg Foundation, Washington D.C. \$500 grant was awarded to construct a large anaerobic digester on St. Kitts in West Indies. 1993

## **Deposition and/or Trial Testimony:**

In the Circuit Court Of The Twentieth Judicial Circuit, St Clair County, Illinois  
Martha Custer et al., Plaintiff vs. Cerro Flow Products, Inc., Defendants  
Case No.: No. 09-L-2295  
Rosenfeld Deposition, 5-14-2021  
Trial, October 8-4-2021

In the Circuit Court of Cook County Illinois  
Joseph Rafferty, Plaintiff vs. Consolidated Rail Corporation and National Railroad Passenger Corporation  
d/b/a AMTRAK,  
Case No.: No. 18-L-6845  
Rosenfeld Deposition, 6-28-2021

In the United States District Court For the Northern District of Illinois  
Theresa Romcoe, Plaintiff vs. Northeast Illinois Regional Commuter Railroad Corporation d/b/a METRA  
Rail, Defendants  
Case No.: No. 17-cv-8517  
Rosenfeld Deposition, 5-25-2021

In the Superior Court of the State of Arizona In and For the Cunty of Maricopa  
Mary Tryon et al., Plaintiff vs. The City of Pheonix v. Cox Cactus Farm, L.L.C., Utah Shelter Systems, Inc.  
Case Number CV20127-094749  
Rosenfeld Deposition: 5-7-2021

In the United States District Court for the Eastern District of Texas Beaumont Division  
Robinson, Jeremy et al *Plaintiffs*, vs. CNA Insurance Company et al.  
Case Number 1:17-cv-000508  
Rosenfeld Deposition: 3-25-2021

In the Superior Court of the State of California, County of San Bernardino  
Gary Garner, Personal Representative for the Estate of Melvin Garner vs. BNSF Railway Company,  
Case No. 1720288  
Rosenfeld Deposition 2-23-2021

In the Superior Court of the State of California, County of Los Angeles, Spring Street Courthouse  
Benny M Rodriguez vs. Union Pacific Railroad, A Corporation, et al.  
Case No. 18STCV01162  
Rosenfeld Deposition 12-23-2020

In the Circuit Court of Jackson County, Missouri  
Karen Cornwell, *Plaintiff*, vs. Marathon Petroleum, LP, *Defendant*.  
Case No.: 1716-CV10006  
Rosenfeld Deposition. 8-30-2019

In the United States District Court For The District of New Jersey  
Duarte et al, *Plaintiffs*, vs. United States Metals Refining Company et al. *Defendant*.  
Case No.: 2:17-cv-01624-ES-SCM  
Rosenfeld Deposition. 6-7-2019

- In the United States District Court of Southern District of Texas Galveston Division  
M/T Carla Maersk, *Plaintiffs*, vs. Conti 168., Schiffahrts-GMBH & Co. Bulker KG MS "Conti Perdido"  
*Defendant*.  
Case No.: 3:15-CV-00106 consolidated with 3:15-CV-00237  
Rosenfeld Deposition. 5-9-2019
- In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica  
Carole-Taddeo-Bates et al., vs. Ifran Khan et al., Defendants  
Case No.: No. BC615636  
Rosenfeld Deposition, 1-26-2019
- In The Superior Court of the State of California In And For The County Of Los Angeles – Santa Monica  
The San Gabriel Valley Council of Governments et al. vs El Adobe Apts. Inc. et al., Defendants  
Case No.: No. BC646857  
Rosenfeld Deposition, 10-6-2018; Trial 3-7-19
- In United States District Court For The District of Colorado  
Bells et al. Plaintiff vs. The 3M Company et al., Defendants  
Case No.: 1:16-cv-02531-RBJ  
Rosenfeld Deposition, 3-15-2018 and 4-3-2018
- In The District Court Of Regan County, Texas, 112<sup>th</sup> Judicial District  
Phillip Bales et al., Plaintiff vs. Dow Agrosociences, LLC, et al., Defendants  
Cause No.: 1923  
Rosenfeld Deposition, 11-17-2017
- In The Superior Court of the State of California In And For The County Of Contra Costa  
Simons et al., Plaintiffs vs. Chevron Corporation, et al., Defendants  
Cause No C12-01481  
Rosenfeld Deposition, 11-20-2017
- In The Circuit Court Of The Twentieth Judicial Circuit, St Clair County, Illinois  
Martha Custer et al., Plaintiff vs. Cerro Flow Products, Inc., Defendants  
Case No.: No. 0i9-L-2295  
Rosenfeld Deposition, 8-23-2017
- In United States District Court For The Southern District of Mississippi  
Guy Manuel vs. The BP Exploration et al., Defendants  
Case: No 1:19-cv-00315-RHW  
Rosenfeld Deposition, 4-22-2020
- In The Superior Court of the State of California, For The County of Los Angeles  
Warm Gilbert and Penny Gilber, Plaintiff vs. BMW of North America LLC  
Case No.: LC102019 (c/w BC582154)  
Rosenfeld Deposition, 8-16-2017, Trail 8-28-2018
- In the Northern District Court of Mississippi, Greenville Division  
Brenda J. Cooper, et al., *Plaintiffs*, vs. Meritor Inc., et al., *Defendants*  
Case Number: 4:16-cv-52-DMB-JVM  
Rosenfeld Deposition: July 2017

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- In The Superior Court of the State of Washington, County of Snohomish  
Michael Davis and Julie Davis et al., Plaintiff vs. Cedar Grove Composting Inc., Defendants  
Case No.: No. 13-2-03987-5  
Rosenfeld Deposition, February 2017  
Trial, March 2017
- In The Superior Court of the State of California, County of Alameda  
Charles Spain., Plaintiff vs. Thermo Fisher Scientific, et al., Defendants  
Case No.: RG14711115  
Rosenfeld Deposition, September 2015
- In The Iowa District Court In And For Poweshiek County  
Russell D. Winburn, et al., Plaintiffs vs. Doug Hoksbergen, et al., Defendants  
Case No.: LALA002187  
Rosenfeld Deposition, August 2015
- In The Circuit Court of Ohio County, West Virginia  
Robert Andrews, et al. v. Antero, et al.  
Civil Action NO. 14-C-30000  
Rosenfeld Deposition, June 2015
- In The Iowa District Court For Muscatine County  
Laurie Freeman et. al. Plaintiffs vs. Grain Processing Corporation, Defendant  
Case No 4980  
Rosenfeld Deposition: May 2015
- In the Circuit Court of the 17<sup>th</sup> Judicial Circuit, in and For Broward County, Florida  
Walter Hinton, et. al. Plaintiff, vs. City of Fort Lauderdale, Florida, a Municipality, Defendant.  
Case Number CACE07030358 (26)  
Rosenfeld Deposition: December 2014
- In the County Court of Dallas County Texas  
Lisa Parr et al, *Plaintiff*, vs. Aruba et al, *Defendant*.  
Case Number cc-11-01650-E  
Rosenfeld Deposition: March and September 2013  
Rosenfeld Trial: April 2014
- In the Court of Common Pleas of Tuscarawas County Ohio  
John Michael Abicht, et al., *Plaintiffs*, vs. Republic Services, Inc., et al., *Defendants*  
Case Number: 2008 CT 10 0741 (Cons. w/ 2009 CV 10 0987)  
Rosenfeld Deposition: October 2012
- In the United States District Court for the Middle District of Alabama, Northern Division  
James K. Benefield, et al., *Plaintiffs*, vs. International Paper Company, *Defendant*.  
Civil Action Number 2:09-cv-232-WHA-TFM  
Rosenfeld Deposition: July 2010, June 2011
- In the Circuit Court of Jefferson County Alabama  
Jaeannette Moss Anthony, et al., *Plaintiffs*, vs. Drummond Company Inc., et al., *Defendants*  
Civil Action No. CV 2008-2076  
Rosenfeld Deposition: September 2010
- In the United States District Court, Western District Lafayette Division  
Ackle et al., *Plaintiffs*, vs. Citgo Petroleum Corporation, et al., *Defendants*.  
Case Number 2:07CV1052  
Rosenfeld Deposition: July 2009



**Response to Letter E: Gary Ho, Blum Collins & Ho, LLP**

**Response E-1:** This comment serves as an introduction to the letter. No response is warranted.

**Response E-2:** This comment cites tiering criteria and argues that an EIR must be prepared because a website link to the City’s website does not provide public access to the Addendum to the Northwest Airport Master Plan EIR.

The City’s “Planning Documents” site, which was referenced in the Initial Study, provides a pdf copy of the Northwest Airport Way Master Plan, Northwest Airport Way Master Plan Draft EIR, and Northwest Airport Way Master Plan Final EIR. These are the original CEQA documents that were prepared and certified for the Master Plan area. Subsequent to the certification of the EIR, several projects within the Master Plan area have been designed for development, and with those projects a CEQA analysis was performed. This includes the Airport Business Center IS/MND, CenterPoint South IS/MND, Intermodal Way Extension IS/MND, GBx Manteca IS/MND, and an EIR Addendum for CenterPoint Container Yard 2. All these documents are available at the City of Manteca, whom holds these records as part of the official approval of these individual projects. The EIR Addendum in question can also be found on the City’s website at the following link:

<https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/Planning%20CommissionDocuments/2019%20Planning%20Commission%20Agendas/05%20-%20May%2028,%202019%20Meeting%20Agenda/Item%206.1%20%20CenterPoint%20Container%20Yard%202,%20SPC-17-38%20and%20SPC-17-40/Item%206.1%20%20Attachment%205.pdf>

All documents in question are available both electronically on the City’s website, and in person at the City’s Planning Department.

**Response E-3:** This comment suggests that the MND severely misrepresents the proposed Project and under-represents the proposed Project’s significant impacts. The comment argues that a new EIR is warranted based on new information being produced since the Northwest Airport Way Master Plan EIR was certified. The commenter specifically identifies the enactment of SB 743 and a requirement for a VMT analysis.

The commenter fundamentally misunderstands tiering and how tiering has been appropriately conducted under the Northwest Airport Way Master Plan EIR and subsequent CEQA documents for individual projects under the Master Plan. Page 4 of the Final Initial Study presents a background discussion of past Master Plan approvals, and EIR tiering. The following excerpt is from page 4 of the Initial Study:

*Tiering*

*According to CEQA Guidelines section 15168, subdivision (c)(5), “[a] program EIR will be most helpful in dealing with later activities if it provides a description of planned activities that would implement the program and deals with the effects of the program as specifically and comprehensively as possible.” Later environmental documents (EIRs, mitigated negative declarations, or negative*

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*declarations) can incorporate by reference materials from the program EIR regarding regional influences, secondary impacts, cumulative impacts, broad alternatives, and other factors (CEQA Guidelines Section 15168[d][2]). These later documents need only focus on new impacts that have not been considered before (CEQA Guidelines Section 15168[d][3]).*

Section 15168(c), entitled "Use with Later Activities," provides, in pertinent part, as follows:

Later activities in the program must be examined in the light of the program EIR to determine whether an additional environmental document must be prepared:

1. If a later activity would have effects that were not examined in the program EIR, a new Initial Study would need to be prepared leading to either an EIR or a Negative Declaration. That later analysis may tier from the program EIR as provided in Section 15152.
2. If the agency finds that pursuant to Section 15162, no subsequent EIR would be required, the agency can approve the activities as being within the scope of the project covered by the program EIR, and no new environmental document would be required. Whether a later activity is within the scope of a program EIR is a factual question that the lead agency determines based on substantial evidence in the record. Factors that an agency may consider in making that determination include, but are not limited to, consistency of the later activity with the type of allowable land use, overall planned density and building intensity, geographic area analyzed for environmental impacts, and covered infrastructure, as described in the program EIR.
3. An agency shall incorporate feasible mitigation measures and alternatives developed in the program EIR into later activities in the program.
4. Where the later activities involve site specific operations, the agency should use a written checklist or similar device to document the evaluation of the site and the activity to determine whether the environmental effects of the operation were within the scope of the program EIR.

Generally, when a property owner submits applications for site-specific approvals (i.e., tentative maps, conditional use permits, or other discretionary entitlements), the City staff will review the applications for *consistency* with the higher tier document. This consistency review ultimately determines whether the application for site specific approval is consistent with the higher tier document, Conditions of Approval, and Mitigation Measures, and whether it is consistent with what was anticipated and analyzed in the program EIR. Often a City will conclude that most, or all, components of the site-specific application can be developed with no new analysis of environmental effects, or a focused analysis limited to the environmental effects that could not be reasonably foreseen at the time the certified EIR was prepared.

These site-specific approvals may be narrowed pursuant to the rules for tiering set forth in CEQA Guidelines Section 15152. "[T]iering is a process by which agencies can adopt programs, plans, policies, or ordinances with EIRs focusing on 'the big picture,' and can then use streamlined CEQA review for individual projects that are consistent with such...[first tier decisions] and are...consistent with local agencies' governing general plans and zoning." (Koster v. County of San Joaquin (1996) 47 Cal.App.4th 29, 36.) Section 15152 provides that, where a first-tier EIR has "adequately addressed" the subject of cumulative impacts, such impacts need not be revisited in second- and third-tier documents. Furthermore, second- and third-tier documents may limit the examination of impacts to those that "were not examined as significant effects" in the prior EIR or "[a]re susceptible to substantial reduction or avoidance by the choice of specific revisions in the project, by the imposition of conditions, or other means." In general, significant environmental effects have been "adequately addressed" if the lead agency determines that:

- a. they have been mitigated or avoided as a result of the prior environmental impact report and findings adopted in connection with that prior environmental impact report; or

- b. they have been examined at a sufficient level of detail in the prior environmental impact report to enable those effects to be mitigated or avoided by site specific revisions, the imposition of conditions, or by other means in connection with the approval of the later project.

Where a site-specific approval within the City warrants additional environmental review, there are several paths forward. This includes an EIR Addendum, a Mitigated Negative Declaration, or some form of Environmental Impact Report. The Mitigated Negative Declaration is a form of CEQA review that is commonly prepared for small projects built out under a Master Plan with a certified EIR. Based on the characteristics of the proposed Project, the City of Manteca has determined it is appropriate to develop an IS/MND for the proposed Project, using the tiering concept. Therefore, this IS/MND tiers from the Northwest Airport Way Master Plan EIR and the Addendum to the Northwest Airport Way Master Plan EIR.

The commenter is directed to page 104 through 115 of the Initial Study for a VMT analysis that was prepared in accordance with SB 743. Here, the City has responded to new statutory requirements to prepare a VMT analysis. This VMT analysis is subsequent to, and supplementary to, the certified EIR for which this project analysis is tiered. This analysis presents new information, provides an analysis, and concludes that the impact is less than significant. The commenter incorrectly presumes that the existence of “new information” guarantees the need for an EIR to be prepared, when in fact this is not what is specified in the CEQA Guidelines Section 15162(s). The statute provides four warrants for when a Subsequent or Supplemental EIR would be warranted for a project that has “new information.” The City responded to the statutory requirements by preparing the Initial Study for this project to determine if any of the four warrants would be met. After the analysis it was found that none of the four warrants were met. More specifically, the VMT analysis, which the commenter cites as a source of “new information” that warrants an EIR, was found by the Traffic Engineer to be a less than significant impact. The City intends to continue to comply with the SB 743 VMT analysis requirements for any project that develops within an area that already has a certified EIR, but where that EIR did not include a VMT analysis because no such analysis was required. These subsequent and supplementary VMT analyses will guide the City in determining where a Supplemental or Subsequent EIR is warranted, and where a Mitigated Negative Declaration or Exemption is warranted. Based on the analysis in the Initial Study, and all facts in the record, there are no new transportation impacts as a result of the VMT analysis.

**Response E-4:** This comment suggests that MND does not accurately describe the proposed Project, and suggests that the proposed Project has been piecemealed. The commenter provides a list of five known buildings and uses a term “CenterPoint Intermodal Center Manteca” to describe these projects.

As discussed under Response E-3, the commenter fundamentally misunderstands tiering and how tiering has been appropriately conducted under the Northwest Airport Way Master Plan EIR.

What the commenter has described is individual sites that have been developed within the approved Northwest Airport Master Plan. As stated throughout the Initial Study, the

proposed Project is located within this Northwest Airport Master Plan, just as the five projects listed by the commenter are located in the same Master Plan area. The term “CenterPoint Intermodal Center Manteca” appears to be a marketing name that one of the property owners within the Northwest Airport Master Plan area has assigned to market their properties for sale. Property developers assigning a marketing name to properties for sale is common after City approvals are made. The City recognizes the Master Plan area under the approved Northwest Airport Master Plan, not under the marketing name.

The commenter misapplies the term "piecemealing" to the proposed Project. Instead, the Initial Study clearly articulates the Project Background, including the previously certified program-level EIR for the Northwest Airport Way Master Plan and the CEQA “Tiering” statutes beginning on page 4 This is discussed under Response E-3.

**Response E-5:** This commenter provides a set of comments regarding the “Agriculture and Forestry Resources” analysis and suggests that the conclusion in the Initial Study that the proposed Project would have “No Impact” is in conflict with the Project Description. The commenter includes a map entitled “California Important Farmland Finder” which identifies the site as Prime Farmland.

The certified Northwest Airport Way Master Plan EIR correctly labeled the Project site as “Prime Farmland”, which was the existing condition at the time the EIR was prepared. Since that time, a Container Yard was developed on the Project site. While that project was not fully developed, the conversion of Prime Farmland to a non-agricultural use occurred with the development of the Container Yard. This is correctly stated on page 31 of the Initial Study. To expand further, there is no agricultural land, production, or opportunity for agricultural use on the Project site based on the existing conditions that occur today, which represents a past conversion of agricultural land. The Initial Study presents the existing condition today, and is accurate in representing that there is no “Prime Farmland” on the Project site. The commenter is directed to the appropriate disclaimers on the “California Important Farmland Finder” website to better understand that limitations of the data that the commenter has presented in their argument that the Project site contains Prime Farmland. Additionally, in accordance with Mitigation Measure AG-1 from the Northwest Airport Way Master Plan EIR, the Project Applicant for the Container Yard paid the required City of Manteca agricultural mitigation fee to help offset the conversion of the land from agricultural to a developed use. The conversion, and the mitigation requirement to pay the agricultural conversion fees has already occurred.

*Data Disclaimer*

*This data should be used within the limits of its purpose - as a current inventory of agricultural land resources. This data does not necessarily reflect general plan or zoning designations, city limit lines, changing economic or market conditions, or other factors which may be taken into consideration when land use policies are determined. This data is not designed for parcel-specific planning purposes due to its scale and the ten-acre minimum land use mapping unit. Classification*

*of important farmland and urban areas in this data is based on best available data. The information has been delineated as accurately as possible at 1:24,000-scale, but no claim to meet 1:24,000 National Map Accuracy Standards is made due to variations in the quality of source data.*

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**Response E-6:** This commenter provides a set of comments regarding the “Air Quality, Energy, and Greenhouse Gas Emissions” analysis. The commenter refers to the attachments from SWAPE for a complete technical commentary and analysis. The commenter then states that the IS/MND does not include analysis for relevant environmental justice issues. The commenter states that this is particularly important, since the surrounding community is highly burdened by pollution. The commenter states that, according to CalEnviroScreen 4.0, CalEPA’s screening tool that ranks each census tract in the state for pollution and socioeconomic vulnerability, the proposed project’s census tract (6077005119) ranks worse than 98% of the rest of the state overall. The commenter provides additional statistics for the community’s exposure to air pollution, and states that, since the community has a high rate of linguistic isolation and low educational attainment, the community is highly vulnerable. The commenter also states that the proposed Project’s census tract is identified as an SB 535 Disadvantaged Community.

The commenter also states that CalEEMod, which was used (in part) to estimate Project energy usage, is not a State-approved energy compliance modeling software, and since the CalEEMod modeling does not comply with the California 2019 Building Energy Efficiency Standards, the modeling is inaccurate. The commenter further states that, therefore, a finding of significance for energy impacts must be made.

It should be noted that topic of “environmental justice” or “fair treatment” is not referenced in the CEQA Guidelines and is not a required impact category. Social and economic impacts that are not related to physical impacts are not considered within an environmental analysis. The Initial Study, however, does provide an analysis of environmental topics revolving around pollution (i.e. air quality pollution, water quality pollution, etc.), that ultimately become important considerations for elected officials as they deliberate on entitlement requests and the social, economic, and environmental impacts that the entitlements would have on the community.

The IS/MND has evaluated each of the proposed Project’s environmental impacts against the relevant thresholds (such as via an air toxic health risk screening, using the Air District’s air toxic health risk screening Prioritization Calculator,<sup>1</sup> to determine the total cancer and non-cancer air toxic health risks and the nearby sensitive receptors) and

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<sup>1</sup> See here for further detail (under ‘Screening Tools’): [https://www.valleyair.org/transportation/ceqa\\_idx.htm](https://www.valleyair.org/transportation/ceqa_idx.htm)

checked consistency with the applicable plans (such as the Northwest Airport Way Master Plan and its associated EIR). Moreover, the IS/MND has incorporated mitigation measures where applicable and feasible, made appropriate significance determinations, and evaluated cumulative impacts. As noted earlier in this response, CEQA does not use the terms “fair treatment” or “environmental justice”. Rather, CEQA centers on whether a project may have a significant effect on the physical environment, regardless of socioeconomic conditions, including income levels of the residents. For instance, air quality impacts are measured against a threshold established for the region, which is not weighted or modified up or down based on a socioeconomic condition. The threshold itself is a metric by which an analyst can make a determination of the physical environmental impact caused by a project. The thresholds are established by the Air District, whose responsibility is to maintain and/or improve ambient air quality conditions to state and federal levels for all people.

Nevertheless, CEQA does require a lead agency to consider whether a project’s effects, while individually limited, are “cumulatively considerable” and therefore significant when combined with other projects. The City has considered the cumulative effects of developing the Project site with Industrial uses when they certified the Northwest Airport Master Plan EIR, as well as when they certified the General Plan EIR.

Separately, the City of Manteca considers alternative locations early in the application process. The City’s key considerations in identifying an alternative location are as follows:

- Is there an alternative location where significant effects of the proposed Project would be avoided or substantially lessened?
- Is there a site available within the City’s Sphere of Influence with the appropriate size and characteristics such that it would meet the basic Project objectives?

The City’s consideration of alternative locations at the Project application level included a review of previously approved land use planning and environmental documents in Manteca including the General Plan and Northwest Airport Way Master Plan. The City noted that the Project site has been designated for industrial land uses for over a decade. The City has determined that industrial uses in this part of the City is appropriate, in part, because of the rail infrastructure and access to major highways that would support such uses. The City has found that there are no feasible alternative locations that exist within the city limits with the appropriate size and characteristics that would meet the basic Project objectives and avoid or substantially lessen one or more significant effects of the proposed Project. The City has determined that alternative locations outside the city limits would have greater impacts that development within the city limits. For these reasons, the City of Manteca determined that there are no feasible alternative locations.

In addition, as discussed in *Citizens of Goleta Valley v. Board of Supervisors* (1990) 52 Cal.3d 553 (Goleta II), where a project is consistent with an approved general plan, no off-site alternative need be analyzed. As stated in the Project Description, no General Plan amendment or zoning change is required for the proposed Project, as the proposed

Project was previously planned for by the existing General Plan. The proposed Project is consistent with the types of uses considered in the Manteca General Plan and associated EIR.

Overall, CEQA’s purpose is neither “fair treatment” nor “environmental justice” in the sense of socioeconomic conditions. Rather, CEQA centers on whether a project may have a significant effect on the physical environment. The Draft IS/MND is consistent with the requirements of CEQA. Lastly, it should be noted that CalEEMod was used (in part) to estimate Project energy usage, as it is the Air District’s recommended model for estimating Project energy emissions for CEQA projects. It is noted that the Air District reviewed the proposed Project, and included a comment provided herein. Nowhere in their comment did they suggest that a different model should be used for this analysis. There are no “approved energy compliance modeling softwares” for calculating energy consumption for the purposes of CEQA. The three “2019 Building Energy Efficiency Standards Approved Computer Compliance Programs” promulgated the CEC, and identified by the commentor, are not relevant to estimating energy consumption under CEQA. The commentor conflates the idea that “approved energy compliance modeling softwares” approved by the CEC for the 2019 Building Energy Efficiency Standards as being relevant for CEQA, which is not correct. Moreover, the latest version of CalEEMod (CalEEMod Version 2020.4.0), which was used (in part) to estimate Project energy usage, accounts for the California 2019 Energy Efficiency Standards (i.e. the current version of the California Energy Efficiency Standards), according to Appendix A of the CalEEMod guidance,<sup>2</sup> in contrast to the commentor’s comment that CalEEMod does not comply with the California 2019 Building Energy Efficiency Standards. See the Final IS/MND and/or Appendix B of the Final IS/MND for further detailed results.

**Response E-7:** This comment suggests that an EIR needs to be prepared to include a consistency analysis with all General Plan goals and policies, including goals and policies of the General Plan Update.

The currently adopted General Plan is the 2023 General Plan, which is the same General Plan that was in effect at the time the Northwest Airport Master Plan was approved and the Draft EIR was certified. Page 3.9-17 through 3.9-53 of the Northwest Airport Master Plan Draft EIR includes the Northwest Airport Way Master Plan General Plan Consistency Analysis. The DEIR consistency analysis concludes that the Master Plan is consistent with the General Plan with the implementation of all mitigation measures and conditions imposed on projects developed within the Master Plan area. As stated in the in the Initial Study, the proposed Project is consistent with the light industrial design standards and guidelines established in the approved Northwest Airport Way Master Plan, and implements the small-scale light industrial uses that are encouraged within the Northwest Airport Way Master Plan. Additionally, all relevant mitigation measures from the certified

<sup>2</sup> See here: <http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/appendix-a2020-4-0.pdf?sfvrsn=6>

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EIR are incorporated into the Initial Study. All conditions of approval run with the land and are in effect. Therefore, the proposed Project is consistent with the applicable General Plan.

The commenter has specifically noted one goal and two policies that they believe should be analyzed for the proposed Project. These are listed below:

- Goal AQ-2. Integrate air quality planning with land use and transportation planning processes in order to reduce vehicle miles traveled in the City and by commuters.
- C-P-49: The city shall require that new industrial development pay a fair share toward improvements required to accommodate heavy vehicles, including increased pavement wear.
- C-P-53: The City shall establish a requirement for a TDM program in any business park, industrial or commercial land use that employs more than 50 full time equivalent employees.

A Project-specific analysis focuses on consistency with the policies established by the City, and does not include a consistency analysis with goals. Goals are very broad based, whereas policies are more focused. For instance, Goal AQ-2 is a broad goal regarding regional planning as it related to land use, transportation, and air quality. Nevertheless, the City has taken steps to achieve this goal through the implementation of their land use plan, circulation plan, and their focus on reducing VMT citywide. The circulation patterns for the Master Plan itself have undergone considerable planning and engineering efforts since it was first approved. This circulation patterns have evolved such that the original plan to direct heavy truck traffic onto Airport Way and Lathrop Road has been modified to focus heavy truck traffic on Intermodal Way (internal to the Master Plan) north bound to Roth Road, then west bound to I-5. This traffic pattern modification was developed through communication and coordination with nearby residents of Manteca and the City of Lathrop. The concern was that heavy truck traffic would both congest these roadways, and provide a higher level of toxic air contaminants on these roadways. By integrating transportation, land use, and air quality, the City developed a pattern that would focus heavy truck traffic to roadways that would be least likely to impact residents, and focus only passenger vehicle traffic to the roadways of concern. The solution developed by the City is consistent with Goal AQ-2.

The proposed Project is consistent with policy C-P-49. The City has an established Public Facilities Implementation Plan (PFIP) that funds local roadway improvements, including increased pavement wear. Additionally, there are regional traffic impact fees that are charged for more regional roadway impacts. This policy is established in the General Plan, and it is implemented by the City through their existing programs. The City conditions all projects to pay the appropriate impact fees prior to grading permit. The City considers payment of these impact fees as a fair share of their impact.



The proposed Project is consistent with policy C-P-53. The City has an established travel demand model that is developed for the entire City. The model is regularly updated as new projects are developed. The forecasting that is performed through the modeling informs the City on how to manage traffic volumes and congestion within specific areas impacted by new projects. The City then conditions each project with specific improvements needed to manage traffic congestion. The Final IS/MND page 114 includes the following Conditions of Approval that are intended to manage travel demand based on forecasting that has been performed.

- Traffic COA #1 – The developer shall pay for the total cost of construction of Interconnect Way between Intermodal Drive and Operation Place and require all truck traffic to use Intermodal Drive to access the GBxManteca Project.
- Traffic COA #2 – The developer shall pay for the total cost of construction of Operation Place between Interconnect Drive and GBxManteca Project driveway and install an all-way stop controlled intersection at the Operation Place / Pinnacle Drive three-legged intersection.
- Traffic COA #3 – The developer shall pay their fair share for improvements identified in the City of Manteca Public Facilities Implementation Plan (PFIP) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve intersections in the City of Manteca.
- Traffic COA #4 – The developer shall pay their fair share of the SJCOG Regional Transportation Impact Fee (RTIF) by paying current fees as determined by the City of Manteca prior to issuance of building permits to improve the Roth Road Corridor in the City of Manteca, City of Lathrop, and San Joaquin County.
- Traffic COA #5 – If intersection improvements were to occur at the Union Road/Lathrop Road intersection, the developer shall pay their fair share for improvements identified to accommodate the projected Cumulative No Project and Cumulative With project traffic volumes at this intersection during the AM and PM peak hour. Under Cumulative Plus Project Conditions, the GBxManteca Project contributes to 3 percent of the total intersection volume.

It should be noted that the General Plan Update is not approved, is subject to change, does not have a certified EIR, and is not valid currently. As such, it is not part of the baseline conditions for the proposed Project. The General Plan Update and its Draft EIR have undergone multiple revisions since City first embarked on the long-range planning process and it is currently going through additional revisions and change so it is not appropriate to base a consistency analysis. Instead, the consistency of the proposed Project has been compared to the existing General Plan. It is noted, however, that the General Plan Update, in its current form, does not propose any changes to the Northwest Airport Master Plan area, for which the proposed Project is located. As such, there is nothing provided in the draft General Plan Update that would suggest that there is an inconsistency with the proposed Project, or the Master Plan as a whole. The proposed Project is consistent with the current Draft General Plan Update.

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It is also noted that the proposed Project's consistency with the SJCOG RTP/SCS is addressed on page 60 of the Initial Study, which concludes that the RTP/SCS includes the Northwest Airport Way Master Plan in their population and employment projections, and VMT increases associated with buildout of the City of Manteca. It is noted that the land use and circulation model that the SJCOG has established for their RTP/SCS is based on the Project site, and Master Plan area as a whole, being developed with the same industrial development that has been anticipated on the site for over 10 years. The land use and circulation patterns drive the development of the RTP/SCS action and financing plan. There is not anything that is proposed that is inconsistent with the RTP/SCS. The proposed Project is consistent with the RTP/SCS.

Finally, the proposed Project is not a residential project, and therefore the City's Growth Management Ordinance is not applicable to light industrial projects. The Growth Management Ordinance is only applicable to residential developments.

The City's periodically updates their list of ongoing commercial and industrial projects. The City's most current list of these projects can be found at the following link: [https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/gpstatus/Documents/Commercial\\_Projects\\_2016-2020\\_24x36.pdf](https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/gpstatus/Documents/Commercial_Projects_2016-2020_24x36.pdf)

**Response E-8:** This commenter provides a set of comments regarding the "Population and Housing" analysis.

The proposed Project is estimated to generate approximately 280 employees. The proposed Project trip generation analysis was based on having 280 employees on-site per day, or approximately 1 employee per 1,053 gross square feet for the proposed Project. Not all employees would live and work in the City of Manteca. Employees are projected to live in several communities in the San Joaquin County, including Manteca, Lathrop, Ripon, Stockton and other unincorporated areas of San Joaquin County. It is not anticipated that people would commute to this job from areas outside the region. It is common for residents of the City of Manteca and surrounding communities in San Joaquin County to commute to higher paying jobs located in the San Francisco Bay Area which has a higher cost of living and higher paying jobs. However, it is not common that people living in the Bay Area with higher costs of living would commute to Manteca for a job in a warehouse that pays considerably lower than jobs in the Bay Area. For these reasons, it is anticipated that the warehouse jobs provided by this Project would come from residents in Manteca or the immediately surrounding communities.

The land uses for the Project site have been established for over a decade. SJCOG develops their projections based on long range planning documents from the communities that they serve. For instance, the growth projections that SJCOG establishes for Manteca are derived from the City of Manteca General Plan, Master Plans, etc. The proposed Project is part of the Northwest Airport Master Plan, which is known by SJCOG and is assumed within their growth projections. The Northwest Airport Way Master Plan EIR anticipated employment growth of 2,588 jobs over the 15-year Master Plan. The total

employees generated by the proposed Project is well within the assumptions of the Master Plan. The Master Plan, as an approved project, was accounted for in the City's Household and Employment projections.

**Response E-9:** This commenter provides a set of comments regarding the "Transportation" analysis.

The Vehicle Miles Traveled (VMT) analysis is consistent with Senate Bill (SB) 743, the *Technical Advisory on Evaluating Transportation Impacts* (December 2018), and the VMT-Focused Transportation Impact Study Guide (May 2020), and includes all passenger cars, SUVs and light duty trucks driven by employees to and from the project site. Consistent with SB 743 technical guidelines, the VMT analysis does not include Delivery, California, or STAA truck / trailer vehicle miles traveled. The analysis contained in Appendix E analyzed VMT per industrial employee consistent with the VMT-Focused Transportation Impact Study Guide.

In addition to the VMT analysis, the Transportation Impact Analysis Report (Appendix E), also included the trip generation analysis which includes both employee vehicles (Table 3) for passenger cars, sport utility vehicles (SUV) and light duty trucks. The trip generation analysis also includes trucks (Table 4) for delivery California, and Surface Transportation Assistance Act (STAA).

The City of Manteca Travel Demand Model used the same transportation planning industry software (Cube) for both Baseline and Cumulative Conditions that the San Joaquin Council of Governments (SJCOG) used for the regional travel demand model. In addition, the same Cube Model is being used for the City of Manteca General Plan and EIR ([Manteca General Plan Update](#)). And the land use designation for the proposed Project is consistent with both the currently adopted General Plan and Draft General Plan Update.

The Baseline Citywide VMT per industrial employee was determined by summing the total distance all industrial workers that are employed in the City of Manteca traveled, and dividing this total VMT by the total number of industrial workers. This resulted in the baseline citywide VMT of 75.3 miles per industrial employee and a Cumulative with Project VMT of 75.1 miles per industrial employee. This represents a 0.26% decrease when compared to baseline city-wide average. Therefore, the construction of the proposed Project will improve the jobs to housing balance in the City of Manteca and provide an overall benefit to reducing VMT per employee, fuel consumption and greenhouse gas emissions. In order to have a less than significant impact relative to this primary CEQA topic, the proposed Project will be required to have all trucks access the facility using Intermodal Way and only employee access will be allowed from Airport Way.

The construction of the GBxManteca Project will provide 280 industrial jobs on a typical weekday, and will improve the jobs to housing balance in Manteca, Lathrop, Ripon, Stockton and other unincorporated areas of San Joaquin County. Also moving the employment closer to the labor force has the overall benefit of reducing VMT per

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employee by a much larger amount if workers were required to drive the San Francisco Bay Area versus staying in the City of Manteca and San Joaquin County.

It should also be noted that by reducing VMT per employee by a conservative one mile per weekday for each of the 280 employee, fuel consumption would be reduced by approximately 2,800 gallons per year and greenhouse gas emissions would be reduced by approximately 53,400 pounds.

**Response E-10:** This commenter provides a set of comments regarding the “Mandatory Findings of Significance” analysis.

As stated by the commenter, the City of Manteca maintains a list of ongoing commercial and industrial projects. All City documents, including a list of ongoing commercial and industrial projects, can be found on the City’s website ([https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/gpstatus/Documents/Commercial\\_Projects\\_2016-2020\\_24x36.pdf](https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/gpstatus/Documents/Commercial_Projects_2016-2020_24x36.pdf)), or in person at the City Hall. The list in question has been included as an Appendix in the Final IS/MND.

The suggestion that an EIR must be prepared that includes a cumulative analysis in relation to the City’s growth management requirements underscores the commenters misunderstanding of the City’s growth management requirements. The City’s growth management requirements are specific to residential projects, which drive new residents living in the city limits of Manteca. The proposed Project does not generate any new homes, and therefore, does not directly result in population growth. Instead, page 96 of the Initial Study accurately reflects the City’s expectation that jobs created would be served by residents of Manteca and surrounding communities. It is not reasonable to assume that people would commute to work in this warehouse from communities outside communities that are in the regional vicinity. As noted under Response E-8, it is common for residents of the City of Manteca and surrounding communities in San Joaquin County to commute to higher paying jobs located in the San Francisco Bay Area which has a higher cost of living and higher paying jobs. However, it is not common that people living in the Bay Area with higher costs of living would commute to Manteca for a job in a warehouse that pays considerably lower than jobs in the Bay Area. For these reasons, it is anticipated that the warehouse jobs provided by this Project would come from residents in Manteca or the immediately surrounding communities.

It is also noted that the certified EIR for the Northwest Airport Master Plan included a cumulative analysis of buildout of the parcels within the Master Plan Area, which included the Project site. The full Draft and Final EIR can be viewed on the City’s website at the following link:

<https://www.ci.manteca.ca.us/CommunityDevelopment/Planning%20Division/Pages/Planning-Division-Documents.aspx?RootFolder=%2FCommunityDevelopment%2FPlanning%20Division%2FPlanning%20Division%20Documents%2FMaster%20And%20Specific%20Plans%2FNorth>

[west%20Airport%20Way%20Master%20Plan&FolderCTID=0x012000C1D839DE3D407540A4D0E9B464C9237D&View=%7BC6EEA1A9%2D842B%2D49CD%2D94D1%2DE0D08910FEFD%7D](https://www.ci.manteca.ca.us/egov/ctid/0x012000C1D839DE3D407540A4D0E9B464C9237D&View=%7BC6EEA1A9%2D842B%2D49CD%2D94D1%2DE0D08910FEFD%7D).

The cumulative analysis considered the new development relative to anticipated growth in the region. The Northwest Airport Master Plan was approved approximately 12 years ago, and has since been anticipated within all regional planning documents including the City of Manteca’s General Plan, and SJCOG’s Regional Transportation Plan/Sustainable Communities Strategy. In addition to these relevant long-range planning documents, development of the Northwest Airport Master Plan area has been well known by the San Joaquin County Local Agency Formation Commission, the Cities of Lathrop, Stockton, Ripon, and Tracy, and the County and San Joaquin.

The City of Manteca recognizes that the certified EIR for the Northwest Airport Master Plan includes conclusions where significant and unavoidable impacts would occur as the Master Plan develops. The City has not changed, nor do they suggest, that the significant and unavoidable conclusions should or will change as a result of any individual project within the Master Plan area, including the proposed Project. This holds true for direct, indirect, and cumulative impacts. The City has adopted statement of overriding considerations for those significant and unavoidable impacts as part of the original certification of the Northwest Airport Master Plan EIR, and the proposed Project contributes to the impacts disclosed under the original certified EIR. All mitigation measures from the Northwest Airport Way Master Plan EIR are applicable to the proposed Project, and have been incorporated into the Initial Study on pages 6-12. (Table PD-1) For this second tier CEQA document, however, the City has followed the statutory requirements for analyzing individual projects developed within an already approved Project for which an EIR is certified. More specifically, the analysis in the Initial Study is focused on the “New Information” that is now known, that was not, or could not have been known at the time the original analysis was performed. The most significant new information is the VMT analysis, which is a new requirement based on a change in state law. The VMT analysis provided on page 114-117 of the Initial Study further describes that there would be a less than significant impact from VMT.

There is no evidence that the proposed Project would have new significant impacts that have not already been addressed by the first tier EIR. The City requires all individual projects within the Northwest Airport Master Plan to implement mitigation measures and conditions of approve adopted as part of the Northwest Airport Master Plan to reduce impacts to the extent possible. All of the previously adopted mitigation measures and conditions of approved are in effect for the proposed Project.

**Response E-11:** This comment serves as a closing statement for the commenter. The commenter requests to be included on a list to receive subsequent information regarding this project.

This comment is noted. The City has added the commenter to the list for this project.

**Response E-12:** This comment serves as an introduction to a letter that was attached to the main commenter's letter. The comment suggests that the IS/MND does not adequately evaluate the proposed Project's hazards, hazardous materials, air quality, health risk, and greenhouse gas emissions. Being an introduction, this specific comment does not provide any supporting evidence, rather, their arguments are provided in subsequent comments. The introduction does not warrant a response. All subsequent comments are addressed subsequently in the following responses.

**Response E-13:** This comment states that a Phase I Environmental Site Assessment (ESA) was not prepared for the IS/MND, and that would result in an inadequate evaluation of the site and project. The commenter suggests that a Phase I ESA is required.

The commenter is misinformed about the CEQA requirements to evaluate hazards and hazardous materials. Nowhere in CEQA statute is there a requirement to prepare a Phase I ESA, in fact, the term "*Phase I ESA*" is never mentioned in statutes or guidelines. It is noted that there is relevant information that can be extracted from a Phase I ESA and incorporated into an Initial Study to address specific requirements under CEQA Guidelines Appendix G. However, a Phase 1 ESA is intended to provide purchasers of commercial property certain liability protections under federal laws. Phase I ESAs are a requirement of underwriting for financial institutions providing loans for commercial properties. Nowhere in ASTM is there any mention of CEQA. Instead, the CEQA Guidelines specifically requires the following question to be analyzed:

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

Page 63 of the Initial Study specifically addresses this question, and concludes that the Project site is not on this list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment.

Nevertheless, a Phase I ESA was prepared as part of the original certified Draft EIR for the Northwest Airport Way Master Plan. Page 3.7-19 through 3.7-23 of the Draft EIR for the Northwest Airport Way Master Plan addresses the results of the Phase 1 ESAs, and the EIR ultimately concluded that there were no Recognized Environmental Concerns and implementation of the Master Plan would have a less than significant impact relative to this topic. Subsequently, a second Phase I ESA was prepared specifically for the Project site in 2021 and is included in Appendix F of the Final Initial Study. The results of that study also shows that the Project site does not have a Recognized Environmental Conditions, and that the Site is not located on a hazardous site. Therefore, a further Phase II ESA is not required.

**Response E-14:** The commentor states that there are unsubstantiated input parameters used to estimate project emissions. The commentor states that the IS/MND's air quality analysis relies on

emissions calculated with CalEEMod. The commentor states that they found several model inputs that were not consistent with the information disclosed in the IS/MND. The commentor then states that, therefore, the proposed Project's construction and operational emissions are underestimated. The commentor states that an EIR should be prepared to include an updated air quality analysis to adequately address the impacts that Project construction and operation will have on local and regional air quality.

This comment is noted. This comment is a general comment that lacks specificity, instead, this comment serves as a preface to more detailed individual comments provided under Comments E-15 through E-21. Based on comments received, more detailed responses to the individual input parameters identified by the commentor for each of the Comments E-15 through E-21 are provided in the responses below. The modeling uses defaults where more specific details are not available, as recommended by CalEEMod.<sup>3</sup> CalEEMod utilizes default data that can be used when site-specific information is not available. Users of CalEEMod are required to provide justifications for all changes made to the default values (see the CalEEMod v.2020.4.0 User's Guide for more detail). The user may only override the defaults when more accurate, project-specific information is available and appropriate. Where more specific information was available and appropriate (with substantial evidence), the defaults were overridden with the specific information. The updated emissions outputs do not change any impact conclusions. It is also noted, that through the initiation of Rule 9510 review with the Air District, the Air District performs their own modeling. That modeling is consistent with the model included in the Final IS/MND. See below for individual responses to the individual comments, in the responses to Comments E-15 through E-21, below.

**Response E-15:** The commentor states that the CalEEMod modeling fails to model proposed cold storage land uses. The commentor points to IS/MND Project Description of the proposed Project as containing 20,000 sf of refrigerated space inside of the proposed Project building. The commentor points out that the entire building, however, was modeled as an 'unrefrigerated' warehouse. The commentor identifies several reasons why this could underestimate the proposed Project's operational emissions.

The CalEEMod modeling originally applied an unrefrigerated warehouse land use because the use of the refrigerated warehouse would automatically and incorrectly populate the heavy-duty trucks with TRUs. The proposed Project does not use refrigerated trucks to deliver the beverages, including those that are stored in the cold storage (IS/MND page 5). This would have resulted in an over estimate of mobile source emissions. It is noted, however, that the energy calculations would be slightly under reported because the cold storage would use more energy to refrigerate that portion of the building. Therefore, the CalEEMod modeling was refined to reflect the 20,000 sf of refrigerated space. This modeling reflects an accurate energy usage for the refrigerated portion of the building;

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<sup>3</sup> See the CalEEMod v.2020.4.0 User's Guide for more detail. Available at: [http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/01\\_user-39-s-guide2020-4-0.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/01_user-39-s-guide2020-4-0.pdf?sfvrsn=6)

however, it also reflects an overestimate of mobile source emissions because TRUs will not be utilized. The refined modeling results are provided in the Final IS/MND. Table AIR-2 of the Final IS/MND, which provides the emissions results for operational emissions, is provided below.

*Table AIR-2: Project Operational Criteria Pollutant Emissions (tons/year)*

<i>Emissions Type</i>	<i>Proposed Project Emissions</i>	<i>SJVAPCD Threshold</i>	<i>Above Threshold in Proposed Project?</i>
ROG	2.8516	10	N
NO <sub>x</sub>	7.4221	10	N
CO	3.7026	100	N
PM <sub>10</sub>	1.6892	15	N
PM <sub>2.5</sub>	0.5215	15	N

*Notes: The above numbers reflect the total Area, Energy, and Mobile Sources of emissions on an annual basis.*

*Source: CalEEMod, v.2020.4.0*

As shown in the Final IS/MND, emissions of criteria pollutants would remain below the applicable Air District thresholds even with these worst-case assumptions.

Separately, with regard to truck TRUs, the HRA screening analysis was refined to account for TRUs, to account for the potential for refrigerated trucks to travel to and from the Project site, based on the 20,000 sf of refrigerated space anticipated for the proposed Project building. This assumption provides an overly conservative analysis, since the proposed Project will not utilize TRUs. Nevertheless, the HRA screening has been refined in the Final IS/MND to account for the number of refrigerated trucks that would be required to transport the products associated with 20,000 sf of refrigerated space. Even after accounting for the TRUs, the proposed Project would not exceed the HRA screening threshold.

As provided in the Final IS/MND, the proposed Project has the potential to impact nearby sensitive receptors during the construction and operational phases. Specifically, the proposed Project has the potential to generate diesel particulate matter (DPM) from on- and off-road construction vehicles, during the Project' construction phase. In addition, the proposed Project has the potential to impact nearby sensitive receptors during Project operation, due to the proposed Project's generation of trips by heavy-duty diesel trucks, which are also an emitter of DPM.

Specifically, DPM during Project operation is emitted from on-site heavy-duty truck vehicle circulation and idling, and off-site mobile travel. Additionally, based on the area of refrigerated warehouse (approximately 7.4%), it was assumed that 7.4% of heavy-duty trucks would utilize truck refrigeration unit (TRUs) and emissions from these units would generate DPM via on-site idling. Combined, these (both construction and operational) sources of DPM have the potential to generate TACs on nearby sensitive receptors, including those located nearest to the Project site. The SJVAPCD has established a screening calculator entitled the "Prioritization Calculator". In accordance with the



California Office of Environmental Health Hazard Assessment (OEHHA) guidance, as recommended by the SJVAPCD, an estimate of DPM emissions generated by the heavy-duty trucks and delivery vans associated with the proposed Project during operation was calculated for on-site mobile and idling (including TRU idling) emissions. The calculation included off-site mobile emissions 0.25 miles from the Project site, combined with the exhaust DPM emissions from both on- and off-road vehicles during the Project's construction phase, amortized over 70 years. The estimate of DPM emissions was based on the data provided in the Transportation Analysis for the proposed Project, and with DPM mobile emission rates from CARB's EMFAC2021 database (for year 2022, San Joaquin County; emission rates for DPM; 10 MPH for on-site truck travel and 55 MPH for off-site truck travel), and from standard heavy-duty truck idling emission rates from CARB.

Specifically, the results from the Prioritization Calculator provide a prioritization score associated with total cancer risk from proposed Project DPM (including from both operational and construction operations) of approximately 1.95, after accounting for the nearest distance to sensitive receptors (approximately 130 meters at the closest location). This is below the SJVAPCD threshold of 10 that would require development of air toxics Health Risk Assessment (HRA) that includes air dispersion modeling. Additionally, non-cancer (i.e., chronic and acute risks) associated with project DPM would also be well below the applicable thresholds for the Maximally Exposed Individual (i.e., greater than or equal to the Hazard Index level of 1), under the refined screening. See Comment Response E-21 (below) as well as Appendix B of the Final IS/MND for further detail.

**Response E-16:** This commenter states that the proposed Project modeling failed to include all proposed land uses types and sizes. Specifically, the commentor states that the IS/MND did not include the office space, totaling 25,000 square feet.

This comment is noted. The proposed Project is consistent with what was already studied in the Northwest Airport Way Master Plan EIR (See Section 2.0 p 21 through 2-53 and Exhibit 2-7).

Based on this comment, the proposed Project modeling has been refined to include the building office space of 25,000 square feet, and a refined warehouse area of 270,176 square feet, for a total building area of 295,176 square feet. The detailed analysis is provided in Appendix B of the Final IS/MND. This resulted in a negligible change to the modeling results, as discussed under Comment Response E-15 (above). As provided in the Final IS/MND, this revision to the modeled land uses does not cause any exceedance of the Air District's thresholds, nor does it cause any of the air quality and/or greenhouse gas emissions topics' significance determinations. No further response to this comment is warranted.

**Response E-17:** This commenter states that there were unsubstantiated changes to area coating emission factors. Specifically, the commentor states that there were several reductions within the CalEEMod model to the default area coating emission factors. Specifically, the

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commentor identifies the changes to the operational architectural coating ROG emission factors for exterior coatings from 150 g/L of to 100 g/L, and for interior coatings from 150 g/L of to 0 g/L.

Architectural coatings for the interior of the proposed Project building would have 0 g/L VOCs, since the interior coatings would utilize a zero-VOC interior paint.<sup>4</sup> Therefore, the usage of a 0 g/L of ROG emission factor for interior coatings in the CalEEMod model is supported by substantial evidence, since no the VOC content of the interior coatings would be 0. With regard to the reduction of the ROG emission factor from 150 g/L to 100 g/L for the exterior coatings – this refinement was made based upon the ROG requirements as identified within Air District Rule 4601 (see Table 1).<sup>5</sup> Additionally, the proposed Project is consistent with the land uses analyzed within the Northwest Airport Way Master Plan EIR. The Northwest Airport Way Master Plan EIR includes Mitigation Measure AIR-1b, which the proposed Project is require to comply with, which requires the VOC content for all architectural coatings to be less than 10 g/L.<sup>6</sup> This mitigation measures is incorporated as part of the proposed Project (see Mitigation Measure AIR-1b included within the Final IS/MND).

As shown in the Final IS/MND, with the revisions to the CalEEMod modeling, the proposed Project would still remain below the applicable Air District thresholds (see Table AIR-2 within the Final IS/MND for detail).

**Response E-18:** This commenter states that there are unsubstantiated changes to individual construction phase lengths. Specifically, the commenter identifies several construction phases that were modified from the default values. The commenter points to the comment provided within the model justifying the changes to construction phase lengths – specifically, that the construction schedule was provided by the Project Applicant. However, the commenter states that this justification is insufficient, since the IS/MND fails to mention the proposed construction schedule or justify the refined individual phase lengths whatsoever. The commenter says that this is incorrect, suggesting that these modifications to the default CalEEMod constructions schedule are not supported by substantial evidence.

The Project Applicant is a contractor/builder and has developed their estimated construction phase based on their understanding of the proposed Project and construction processes. The schedule was provided in an email dated January 4, 2022 (from Vickey Seidler of Ryan Companies). The Project Applicant provided the following construction phase lengths in the email:

- Site prep: 5 days

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<sup>4</sup> Confirmed by the Project applicant via phone correspondence on 9/29/2022.

- Demolition: 15 days
- Grading: 20 days
- Building Construction: 200 days
- Paving: 10 days
- Architectural Coatings (paint exterior): 40 days

This construction schedule has been reviewed by the City and its consultants and is deemed to be a reasonable and realistic construction schedule. The proposed Project construction schedule within CalEEMod was modified to reflect these construction phase lengths (i.e., consistent with what was provided by the Project Applicant). This is consistent with the CalEEMod guidance (i.e., where more specific information is available, the CalEEMod defaults should be refined).<sup>7</sup> CalEEMod utilizes default data that can be used when site-specific information is not available. Users of CalEEMod are required to provide justifications for all changes made to the default values (see the CalEEMod v.2020.4.0 User's Guide for more detail). The user may only override the defaults when more accurate, project-specific information is available and appropriate. As previously stated, the developer (Ryan Companies) provided a more accurate construction schedule for the Project than is provided by the CalEEMod default construction schedule, thereby providing a more accurate estimate of the Project construction schedule than is provided by the CalEEMod defaults. These changes are therefore supported by substantial evidence. The Final IS/MND has been refined to clarify that the CalEEMod default construction schedule was modified based upon Project Applicant inputs. No further response to this comment is warranted.

**Response E-19:** This commenter states that there was an incorrect application of an energy-related operational mitigation measure. Specifically, the commentor states that there is insufficient justification for the mitigation measure for the on-site renewable energy estimating that the on-site solar would generate 800 kW in total, according to the Project Applicant. The commenter states that this is insufficient because the IS/MND fails to mention the inclusion of on-site renewable energy generation, and also because the IS/MND fails to explicitly require on-site solar panels in a formal mitigation measure. The Project Applicant claims that, because this is not designated as a mitigation measure, it could be eliminated from project design. Therefore, the commentor states that it cannot be guaranteed that it would be implemented, monitored, and enforced on the Project site.

The proposed Project is subject to the requirements of California Energy Code Title 24, Part 6, Subchapter 2 110.10, which provides mandatory infrastructure set up to facilitate solar photovoltaic requirements for non-residential buildings. Based on the size of the proposed Project building, the Project Applicant identified that approximately 800 kW of on-site solar is anticipated for the proposed Project building and has been included in the

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<sup>7</sup> See the CalEEMod v.2020.4.0 User's Guide for more detail. Available at: [http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/01\\_user-39-s-guide2020-4-0.pdf?sfvrsn=6](http://www.aqmd.gov/docs/default-source/caleemod/user-guide-2021/01_user-39-s-guide2020-4-0.pdf?sfvrsn=6)

building plan set that is under review with the City. This is also included on the Site Plan, and is therefore a project commitment that the City requires to be constructed before they would sign off on occupancy permits. Therefore, the CalEEMod modeling for the Draft IS/MND assumed the approximately 800 kW of on-site solar as part of the proposed Project design.

Nevertheless, based on this comment, for the sake of a conservative analysis and as a comparative exercise, the CalEEMod modeling has been refined for the Final IS/MND to remove this solar design feature to analyze the most conservative scenario. That is, the refined CalEEMod modeling for the Final IS/MND does not include this anticipated 800 kW solar design feature to reflect the commentor's concern that it won't be built. As shown in the Final IS/MND, with the revisions to the CalEEMod modeling, the proposed Project would still remain below the applicable Air District thresholds (see the Final IS/MND Table AIR-2 on page 34 for details of project emissions and thresholds of significance). While this modeling exercise proves that the thresholds are not exceeded with or without the 800 kW solar facility, it should be emphasized that the approved Project Description and plan set includes the 800 kW solar facility. This is consistent with existing State law, and installation of this facility is expected by the City of Manteca.

**Response E-20:** The commentor states that there was an incorrect application of an area-related operational mitigation measure. Specifically, the commentor states that the operational mitigation measure to use low-VOC paint is unsupported. This comment is similar to the commentor that the commentor provided under Comment E-16.

As described in response to comment E-16, further correspondence with the Project applicant identified that the interior coatings for the proposed Project building would utilize a zero-VOC interior paint.<sup>8</sup> Separately, with regard to the reduction of the ROG emission factor from a default of 150 g/L for the exterior coatings – this refinement was made based upon the ROG requirements as identified within Air District Rule 4601 (see Table 1).<sup>9</sup> Based on this, the Final IS/MND has been revised to reflect the 50 g/L VOC limit for both interior and exterior coatings which is a conservative emissions estimate in alignment with Rule 4601. It is, however, anticipated that the interior coatings will utilize zero-VOC interior paint. Compliance with the existing rules will improve ROG emissions compared to the emission levels reflected in the modeling results.

**Response E-21:** The commentor states that the diesel particulate matter health risk emissions were inadequately evaluated. Specifically, the commentor states that the IS/MND failed to evaluate the health risk impacts of construction activities during the construction phase of the proposed Project.

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<sup>8</sup> Confirmed by the Project applicant via phone correspondence on 9/29/2022.

The health risks of construction activities are not required by the SJVAPCD. Nevertheless, the construction diesel particulate matter health risks were evaluated for both on-road and off-road vehicles during the Project construction phase, in a refined evaluation, based on this comment. See Appendix B of the Final IS/MND for further detail. Construction diesel particulate matter emissions were calculated based on the exhaust PM<sub>2.5</sub> emissions provided by the CalEEMod modeling, amortized over 70 years to account for the lifetime of an individual at a residential receptor (in accordance with OEHHA guidance). The resulting construction emissions were calculated to be 1.65 pounds of diesel particulate matter per year. The Air District's health risks screening Prioritization Calculator was also refined, to comprehensively account for both Project operational and construction phase health risks (associated with diesel particulate matter). The Final IS/MND has been updated to reflect the refined results of the health risks screening analysis.

As provided in the Final IS/MND, the proposed Project has the potential to impact nearby sensitive receptors during the construction and operational phases. Specifically, the proposed Project has the potential to generate DPM from on- and off-road construction vehicles, during the construction phase. In addition, the proposed Project has the potential to impact nearby sensitive receptors during operation, due to the proposed Project's generation of trips by heavy-duty diesel trucks, which are also an emitter of DPM. In particular, DPM during Project operation is emitted from on-site heavy-duty truck vehicle circulation and idling, and off-site mobile travel. Additionally, based on the area of refrigerated warehouse (approximately 7.4%), it was assumed that 7.4% of heavy-duty trucks would utilize TRUs and emissions from these units would generate DPM via on-site idling. Combined, these sources of DPM (both construction and operational) have the potential to generate TACs on nearby sensitive receptors, including those located nearest to the Project site.

The SJVAPCD has established a screening calculator entitled the "Prioritization Calculator". An estimate of DPM emissions generated by the heavy-duty trucks and delivery vans associated with the proposed Project during Project operation was calculated for on-site mobile and idling (including TRU idling) emissions, and off-site mobile emissions 0.25 miles from the Project site, combined with the exhaust DPM emissions from both on- and off-road vehicles during the Project's construction phase, amortized over 70 years, in accordance with the California Office of Environmental Health Hazard Assessment (OEHHA) guidance, as recommended by the SJVAPCD. The estimate of DPM emissions was based on the data provided in the Transportation Analysis for the proposed Project, and with diesel particulate matter mobile emission rates from CARB's EMFAC2021 database (for year 2022, San Joaquin County; emission rates for DPM; 10 MPH for on-site truck travel and 55 MPH for off-site truck travel), and from standard heavy-duty truck idling emission rates from CARB.

The results from the Prioritization Calculator provide a prioritization score associated with total cancer risk from proposed project DPM (representing the sum from both operational and construction operations) of approximately 1.95, after accounting for the nearest distance to sensitive receptors (approximately 130 meters at the closest location), well

## RESPONSE TO COMMENTS

below the SJVAPCD threshold of 10 that would require development of air toxics Health Risk Assessment (HRA) that includes air dispersion modeling. Additionally, non-cancer (i.e., chronic and acute risks) associated with project DPM would also be well below the applicable thresholds for the Maximally Exposed Individual (i.e., greater than or equal to the Hazard Index level of 1), under the refined screening. The SJVAPCD's most recent Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI) identifies that lead agencies are encouraged to use the available screening tools for toxic air contaminants.<sup>10</sup> The screenshot below provides a summary of results of the Prioritization Calculator (for further detail, see Appendix B of the Final IS/MND). As shown, when accounting for a distance of over 100 meters to the nearest sensitive receptor, the cancer risk would be 1.95, and the chronic and acute risks would be minimal.

Name		Prioritization Calculator			
Applicability		Use to provide a Prioritization score based on the emission potency method. Entries required in yellow areas, output in gray areas.			
Author or updater	Matthew Cegielski	Last Update	November 2, 2020		
Facility:					
ID#:					
Project #:					
Unit and Process#					
Operating Hours hr/yr	8,760.00				
Receptor Proximity and Proximity Factors	Cancer Score	Chronic Score	Acute Score	Max Score	Receptor proximity is in meters. Prioritization scores are calculated by multiplying the total scores summed below by the proximity factors. Record the Max score for your receptor distance. If the substance list for the unit is longer than the number of rows here or if there are multiple processes use additional worksheets and sum the totals of the Max Scores.
0 < R < 100 1.000	7.79E+00	1.15E-02	0.00E+00	7.79E+00	
100 ≤ R < 250 0.250	1.95E+00	2.89E-03	0.00E+00	1.95E+00	
250 ≤ R < 500 0.040	3.12E-01	4.62E-04	0.00E+00	3.12E-01	
500 ≤ R < 1000 0.011	8.57E-02	1.27E-04	0.00E+00	8.57E-02	
1000 ≤ R < 1500 0.003	2.34E-02	3.46E-05	0.00E+00	2.34E-02	
1500 ≤ R < 2000 0.002	1.56E-02	2.31E-05	0.00E+00	1.56E-02	
2000 < R 0.001	7.79E-03	1.15E-05	0.00E+00	7.79E-03	

Therefore, a full HRA is not required for the proposed Project, since the proposed Project's screening level is below the applicable SJVAPCD thresholds within their Prioritization calculator. See Appendix B of the Final IS/MND for further detail.

**Response E-22:** This commentor states that the IS/MND failed to adequately evaluate greenhouse gas emissions. Specifically, the commentor states that the IS/MND relies on the proposed Project's consistency with the City's Climate Action Plan (CAP) in order to conclude a less-than-significant impact. The commentor states that, however, the IS/MND's claim that the proposed Project is consistent with the City's CAP, and the subsequent less-than-significant impact conclusion, is unsupported for two reasons. The commentor states that, firstly, the IS/MND fails to mention or discuss that the proposed Project intends to exceed Title 24 standards other than in the context of the City's CAP. The commentor points out that, while the IS/MND only indicated that the proposed Project intends on meeting the existing Title 24 standards, rather than exceed the Title 24 standards by 10%, which would be required to make the proposed Project consistent with the City's CAP. The commentor states that the IS/MND fails to incorporate this strategy as a formal mitigation measure.

The Final IS/MND has been refined to identify that, based on CAP measure ENB-1, the proposed Project would be required to exceed the Title 24 energy efficiency requirements

<sup>10</sup> See page 66 of the SJVAPCD GAMAQI is available at: <https://www.valleyair.org/transportation/GAMAQI.pdf>

by at least 10 percent, if feasible, or (if not feasible), require implementation of solar panels or other non-building related energy efficiency measures such as exterior or water savings.

It is anticipated that the proposed Project will include an 800 kW solar facility, which will provide significant energy savings and would be consistent with the requirements of the State law, local regulations, and the City of Manteca's recommendations related to climate action planning (including CAP Measure ENB-1).

**Response E-23:** This comment serves as a disclaimer, closing statement. This comment also includes resumes of two individuals responsible for preparing the letter. No response is warranted.