Exhibit H – Environmental Assessment (Including Studies)

NOTICE OF EXEMPTION E20221000320

FROM: City of Fresno
Planning and Development Department
2600 Fresno Street, 3rd Floor
Fresno, California 93721-3604

FILED
OCT 31 2022 TIME 4:06pm
By FRESNO COUNTY CLERK DEPUTY

TO: X Fresno County Clerk
2220 Tulare Street
Fresno, California 93721

***Project Title*:** Environmental Assessment No. P22-00565 for Development Permit Application No. P22-00565

***Project Location*:** 791 & 998 East North Avenue, generally located on the southwest corner of East North and South East Avenues (See vicinity map).

APN'S: 329-090-16, 17

Project Location – City: City of Fresno

Project Location - County: County of Fresno

***Description of Nature, Purpose and Beneficiaries of Project*:** Development Permit Application No. P22-00565 proposes a ±204,979 square-foot two-story warehouse with ±23,349 square-foot ancillary office space, truck wash, and truck maintenance shop on a ±14.78 acre vacant site. In addition, on and off-site improvements are proposed including but not limited to two (2) new drive approaches, 273 parking stalls, 54 truck trailer stalls, outdoor patio area, fencing, landscaping, curbs, gutters, and sidewalks. The project will be utilized as a storage, offices, and truck repair for a food and beverage company (Reyes Coca-Cola Bottling, LLC) . The project will operate 24 hours a day, seven days a week. The property is zoned IH/UGM (*Heavy Industrial/Urban Growth Management Area*)

Agency Approving Project: City of Fresno, Planning and Development Department

Name of Person or Agency Carrying Out Project: Dan Nguyen
Gray Construction
421 East Cerritos Ave
Anaheim Ca, 92805

Exempt Status: *(check one)*

☐ Ministerial - PRC § 21080(b)(1); CEQA Guidelines §15268
☐ Declared Emergency - PRC § 21080(b)(3); CEQA Guidelines §15269(a)
☐ Emergency Project - PRC § 21080(b)(4); CEQA Guidelines §15269(b) and (c)
☐ Categorical Exemptions - CEQA Guidelines 153300 to 15332
☐ Statutory Exemption – PRC §_____
☑ **Projects Consistent with a Community Plan or Zoning –** CEQA Guidelines 15183

Reasons why project is exempt: Applicable to the proposed Project, a Program EIR (PEIR) (SCH #2019050005) was prepared for the 2021 GP Amendment No. P19-04226 (2021 GPA). The 2021 GPA continues the implementation of a majority of the General Plan as approved in 2014, except for specific text changes to the Mobility and Transportation Element related to Vehicle Miles Traveled (VMT) analysis, and an update to the Greenhouse Gas Reduction Plan. The PEIR consists of the Draft PEIR from March 2020, the Response to Comments documents from July 2020, the

P22-00565
CEQA Notice of Exemption
October 28, 2022

E202210000320

Recirculated Draft PEIR from March 2021, and the Response to Comments documents from July 2021. The proposed Project would be consistent with the GP designation of Employment – Heavy Industrial, as described above. The PEIR assumed full development and buildout of the Project site, consistent with the uses and development standards proposed by the Project. The cumulative impacts associated with buildout of the City as envisioned in the GP, including the Project site, were fully addressed in the PEIR.

CEQA Guidelines Section 15183 allows a streamlined environmental review process for projects that are consistent with the densities established by existing zoning, community plan or general plan policies for which an EIR was certified. As noted above, the proposed Project is consistent with the land use designation and densities established by the Fresno GP, for which an EIR was certified.

The above-described environmental assessment, together with the full project-specific environmental review checklist and record of project approval, is available to the general public at the City of Fresno Planning and Development Department, 2600 Fresno Street, Room 3043, Fresno, California 93721-3604.

Lead Agency Contact Person: Phillip Siegrist, Supervising Planner
City of Fresno Planning and Development Department

Telephone No.: *(559) 621-8061*

Signature: Phillip Siegrist **Date:** 10/28/2022

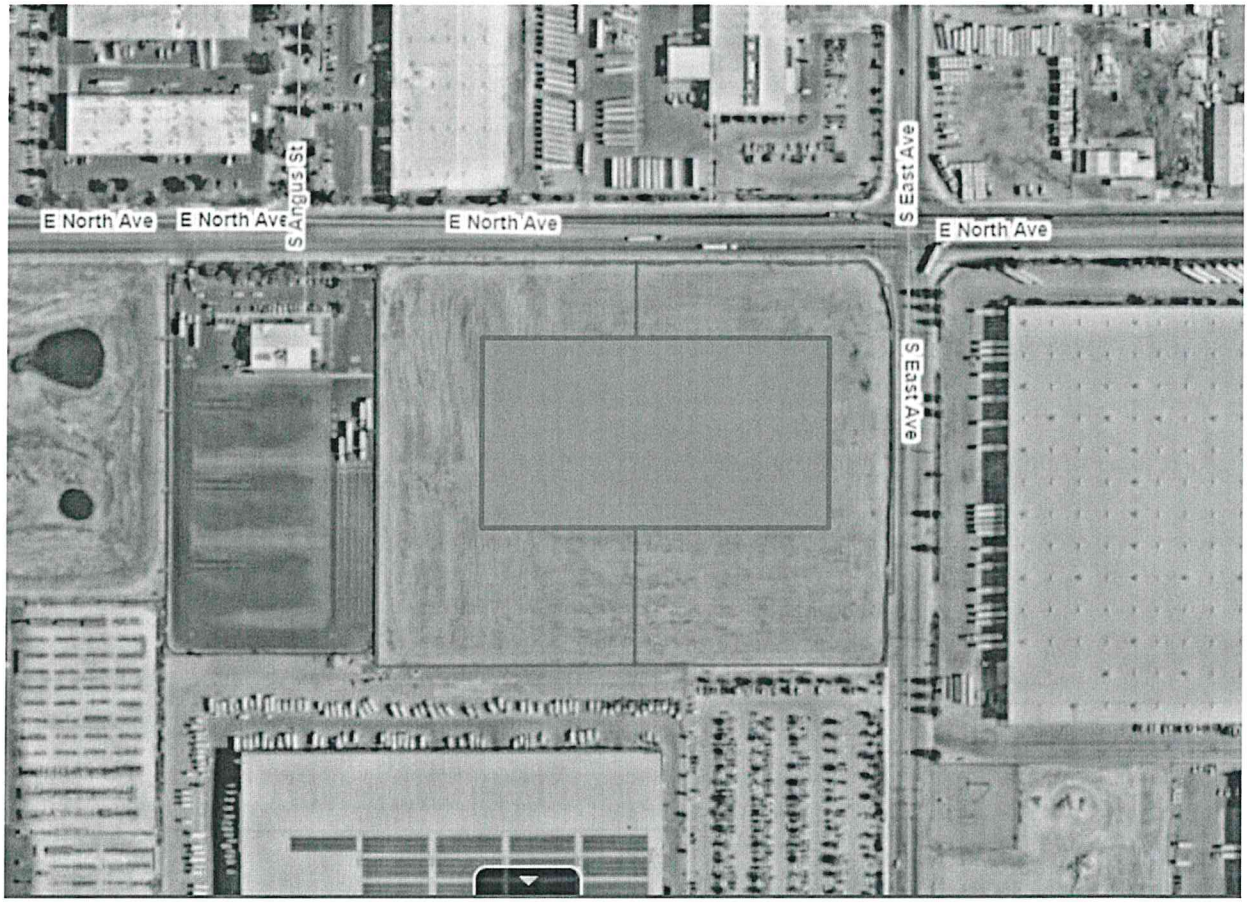
Printed Name and Title: Phillip Siegrist, Supervising Planner
City of Fresno Planning and Development Department

☒ **Signed by Lead Agency** ☐ **Signed by applicant**

Attachments: Exhibit A: Vicinity Map
Environmental Assessment and Study for Development Permit No. P22-00565

E202210000320

VICINITY MAP



LEGEND

Subject Property

Proposed building

PROJECT SITE
±14.78 acres

N
NW
NE
W
E
SW
SE
S
Not To Scale

PLANNING AND DEVELOPMENT DEPARTMENT

PROPERTY ADDRESS

791 & 998 East North Avenue

DEVELOPMENT PERMIT APPLICATION NO. P22-00565 & RELATED ENVIRONMENTAL ASSESSMENT

Zone District: IH/UGM (*Heavy Industrial/Urban Growth Management Area*)

By: T. Veatch
October 26, 2022

ENVIRONMENTAL CHECKLIST IN SUPPORT OF CEQA GUIDELINES SECTION 15183 STREAMLINE
PROJECT CONSISTENT WITH A COMMUNITY PLAN OR ZONING

Environmental Checklist Form for:
Development Permit Application No. P22-00565

1.	**Project title:** Development Permit Application No. P22-00565
2.	**Lead agency name and address:** City of Fresno Planning and Development Department 2600 Fresno Street Fresno, CA 93721
3.	**Contact person and phone number:** ***Thomas Veatch, Planner*** City of Fresno Planning and Development Department (559) 621-8076 Thomas.veatch@fresno.gov
4.	**Project location:** 791 & 998 E. North Avenue Fresno, CA 93725 The proposed Project is located on two parcels at 791 and 998 E. North Avenue on the southwest corner of E. North Avenue and at S. East Avenue Streets in the City of Fresno, in Fresno County, California. Local access is provided from E North Avenue located to the north of the Project site and S. East Avenue located to the east of the Project site. Regional access to the Project site is provided State Route 57 (SR-41) approximately 0.65 mile to the west, State Route 99 (SR-99) approximately 0.85 mile to the east, which merges with SR-41 to the north in the area of the Project site. (APN: 329-090-16 & 329-090-17)
5.	**Project sponsor's name and address:** Lone Oak – Fresno, LLC 6250 N. River Road Rosemont, IL 60018

6.	**General & Community plan land use designation:** Employment – Heavy Industrial (IH)
7.	**Zoning:** Heavy Industrial District/Urban Growth Management (IH/UGM)
8.	**Description of project:** Development Permit Application No. P22-00565 was filed by Lone Oak – Fresno, LLC (applicant). The applicant proposes to develop an approximately 205,000 square-foot warehouse building including approximately 23,000 square-feet of ancillary office space on two vacant parcels, Fresno County Assessor's Parcel Number (APN) 329-090-16 (7.44 acres) and 329-090-17 (7.39 acres), totaling 14.78-gross-acres. The site is located at the southwest corner of E. North Avenue and at S. East Avenue Streets in the City of Fresno. See **Figure 1**, *Regional View*. The Project site is relatively flat with elevations of about 284 feet above mean sea level (AMSL) and currently undeveloped covered with grassy vegetation. Vehicular access to the Project site is provided from unpaved driveway at S. East Avenue. See **Figure 2**, *Aerial View*. The Project also includes approximately 40,300 square-feet of additional warehouse space that would be constructed as part of a later phase. Additional improvements include 273 passenger vehicle parking spaces, 54 truck-trailer spaces, a clear height of 36' starting at the speed bay, 29 dock-high doors, a truck wash and truck maintenance shop attached to the warehouse space, a small outdoor patio space, and stormwater/water quality management areas. The building would be fully air conditioned through natural and mechanical means to maintain temperatures between 45-85F, and would be used for Food and Beverage Industrial Storage Space and beverage distribution. The yard would be fully secured with rolling gates and fences, with full access from both E. North Avenue and S. East Avenue. Project grading would require 10,460 cubic yards of cut and 15,980 cubic yards of fill, necessitating 5,520 cubic yards of soil export. The Project is consistent with the underlying General Plan (GP) land use designation of Employment – Heavy Industrial (IH) and Heavy Industrial District/Urban Growth Management (IH/UGM) zoning for the site. Project entitlements include a Development Permit. The front façade of the building would be oriented toward S. East Avenue, with loading dock activity in the rear of the building facing the southern adjacent development. Main building entrances are proposed, one in the northeast corner at the front façade and one in the southwest corner of the building. Additional, entrances are located along the east and south portions of the building. The site plan is illustrated on **Figure 3**, *Conceptual Site Plan*.

Architectural Design

The building incorporates a modern warehouse architectural design. The building exterior would be constructed with tilt-up concrete wall panels consisting of a primarily grey color palette, with accented wall panels of light and dark grays and white accent roof lines along the top of the light gray wall panels. The building would be approximately 43 feet 10 inches tall with varying roof lines to break up the perception of massing. Windows would be fitted with tinted light blue glass. The main building entrance would include metal canopy on the exterior of the building. The elevations and conceptual rendering of the building are illustrated on **Figure 4**, *Proposed Elevations*, and **Figure 5,** *Conceptual Rendering*.

Landscaping and Fencing

Landscaping is proposed along the entire site perimeter and throughout the Project site. Along the site's E. North Avenue and S. East Avenue frontages, layered landscaping consisting of 15-inch box street trees, followed by 15-inch box backdrop trees, shrubs and assorted ground cover is proposed. In addition to landscaping along the site perimeter, trees and shrubs are proposed along the building perimeter. Additionally, 15-inch box canopy trees are proposed at the driveway entrances, drive aisles and throughout the parking lot. To create visual interest, the landscaping palate includes assorted climate-appropriate ornamental trees, shrubs, and groundcover ranging from moderate to low water needs. Tree species include Deodar Cedar, Common Hackberry, Crape Myrtle, Saratoga Laurel, London Planetree, Interior Live Oak, and Chinese Elm. Additionally, all ground mounted utility equipment including air conditioners, transformers, backflow preventers, or similar equipment shall be screened with shrubs.

The yard would be fully secured with rolling gates and wrought iron fences, with ingress and egress from both E. North Avenue and S. East Avenue. In addition, the existing 6-feet chain link fences bordering the south and west portions of the Project would remain.

Lighting

The Project would include new exterior lighting for security, to accent the landscaping, and to light signage, walkways, and parking areas. Approximately 14 light pole fixtures and approximately 30 wall-mounted light fixtures are proposed on the exterior of the building, including 10 fixtures in the loading dock area in the rear of the building. The new lighting would be focused on the site, shielded away from offsite areas in conformance with the lighting requirements set forth in City of Fresno Municipal Code (FMC) Section 15-2508.

Access and Circulation

Vehicular access to the Project site is provided from E. North Avenue and S. East Avenue. Along E. North Avenue, vehicular access is provided by a 40-foot-wide driveway near the northwest portion Project site. In addition, a 36-foot-wide driveway is at the northern portion of the Project site. Along S. East Avenue at the southeast portion of the Project site is a 35-foot-wide driveway.

Onsite circulation includes a 34-foot-wide (minimum) drive aisle that goes around the building (to the south), connecting to both proposed driveways (northwest and southeast driveways). This drive aisle would provide vehicular access to the parking areas and loading docks in the rear of the building and would serve as the onsite fire lane where parking would be prohibited. Access to the loading dock area would be restricted via swinging tube steel gates. The northern driveway provides access to both driveways along with access to parking and building entrance at the northeast corner of the building.

Accessible pedestrian paths of travel to the building entrances are provided around the structure with gated access to rear. Pedestrian access from S. East Avenue is provided by pathway at east northeast parking area.

Parking and Loading Docks

The Project site would include parking areas to the north of the building, to the east of the building, and along the southern perimeter near the loading docks, which includes truck trailer parking stalls. Stalls near the northeast building entrance would be reserved for clean air vehicles and electrical vehicles in conformance with requirements set forth in CALGreen Building Code Section 5.106.5.

A total of 29 dock doors are proposed along the rear of the building in the loading dock area. Additionally, two grade level loading ramps, each with a grade door, are proposed. Access to loading ramps and docks would be provided via the drive aisle accessed from the proposed driveways. **Table 1**, *Parking Count*, identifies proposed parking counts for each type of parking.

Table 1: Parking Count

Parking Type	Stall Count
Standard Parking [a]	273
Standard Accessible Parking	7
EV Standard Accessible Parking	15
Total Provided	**295**
Dock Door	29
Truck Trailer Parking	54
Short-Term Parking	7
Long-Term Parking	7

Note: EV = Electric Vehicle

Off-Site Improvements

The Project would remove the existing curb cut for the existing driveway and include two new curb cuts for the three proposed driveways within the right-of-way along E. North Avenue and S. East Avenue. The Project also includes the installation of a new sidewalk along within the right-of-way both E. North Avenue and S. East Avenue. No other off-site improvements, including utility infrastructure improvements, are required for construction and operation of the Project.

Construction and Phasing

Construction activities include demolition and removal of the existing curb and gutter; site preparation; grading; building construction; paving; and architectural coating. Approximately 5,458 cubic yards of soil export is estimated to be required for the Project.

Construction activities are anticipated to last approximately 12 months, commencing in 2023, with the entire Project constructed in one phase, however an additional phase may be implemented for additional 40,300 square feet of warehouse space. The proposed building is assumed to be operational by 2024. Project construction would occur within the hours allowed by the City's Noise Ordinance, which limits construction noise to between the hours of 7:00 A.M. and 8:00 P.M. Monday through Saturday. Construction activities are prohibited at any time on Sunday or a federal holiday.

Operational Characteristics

Building occupant(s) are assumed to use the space for food and beverage industrial storage. The building would be fully air conditioned. For purposes of this evaluation, the proposed building is assumed to be operational 24 hours a day, 7 days a week, with exterior loading dock area and parking areas illuminated at night.

The building is designed such that business operations would be conducted within the building, except for traffic movement, parking, trailer connection and disconnection, trailer storage and the loading and unloading of trailers at designated dock doors. The outdoor cargo handling equipment used during loading, and unloading of trailers (e.g., yard trucks, hostlers, yard goats, pallet jacks, forklifts) would be non-diesel powered, per contemporary industry standards.

9. **Surrounding land uses and setting:**

	Planned Land Use	Existing Zoning	Existing Land Use
North	Heavy Industrial	Heavy Industrial District	Trailer Repair / Employment – IH
East	Heavy Industrial	Heavy Industrial District	Distribution / Employment – IH
South	Heavy Industrial	Heavy Industrial District	Distribution / Employment – IH
West	Heavy Industrial	Heavy Industrial District	DMV / Employment – IH

10. **Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):**

City of Fresno

- Development Permit P22-00565 for the use of the proposed 204,264-square-foot warehouse.

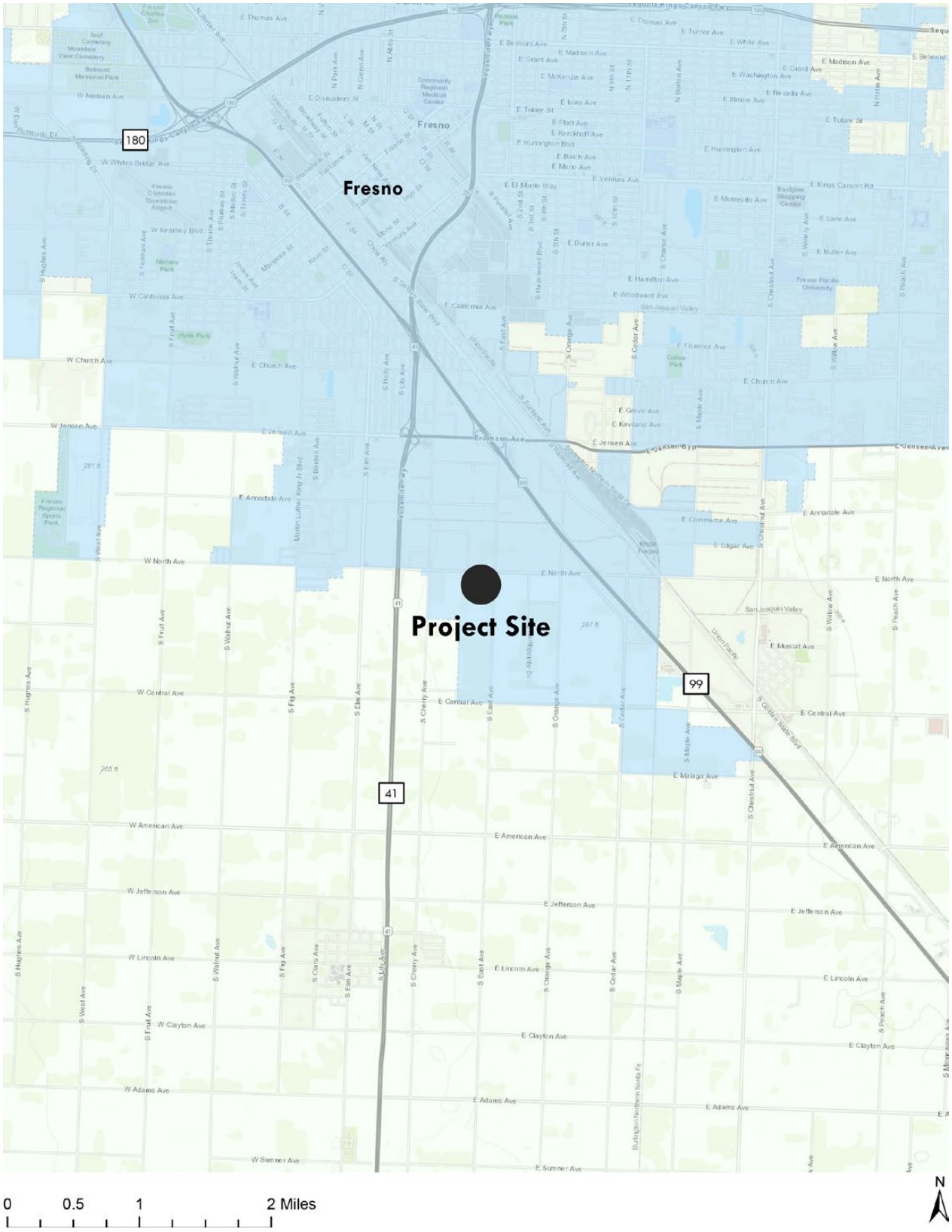
11. **Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code (PRC) Section 21080.3.1? If so, has consultation begun?**

Pursuant to PRC Section 21080.3.1, prior to the release of any negative declaration, mitigated negative declaration or environmental impact report (EIR) for a project, the lead agency shall begin consultation with the California Native American tribe that is traditionally and culturally affiliated with the geographical area of the proposed Project. The proposed environmental assessment is a 15183 exemption, which is consistent with the development density established by existing zoning, community plan or GP policies for which an EIR was certified. AB 52 applies to EIRs, NDs and MNDs, but not to EIR Addendums and Exemptions. Therefore, tribal consultation is not required. However, on September 19, 2019, compliant with Assembly Bill (AB) 52 and Senate Bill (SB) 18, the City provided formal notification for the GP Program EIR (PEIR) (State Clearinghouse (SCH) #2019050005) to interested Native American tribes that may be culturally or traditionally affiliated with the Project area and vicinity to conduct consultation. According to Appendix E of the PEIR, two tribes including Dumna Wo Wah Tribal Government and Table Mountain Rancheria were formally notified regarding AB 52 consultation and 13 tribes were formally notified regarding SB 18

	consultation. None of the 15 tribes contacted responded via letter or telephone and indicated that consultation would not be requested. No other requests for consultation were received within the 30-day period, and as a result, AB 52 and SB 18 requirements were fulfilled for the Program EIR (SCH #2019050005).

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Regional View



RCCB Fresno Distribution Warehouse
City of Fresno

Figure 1

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Aerial View

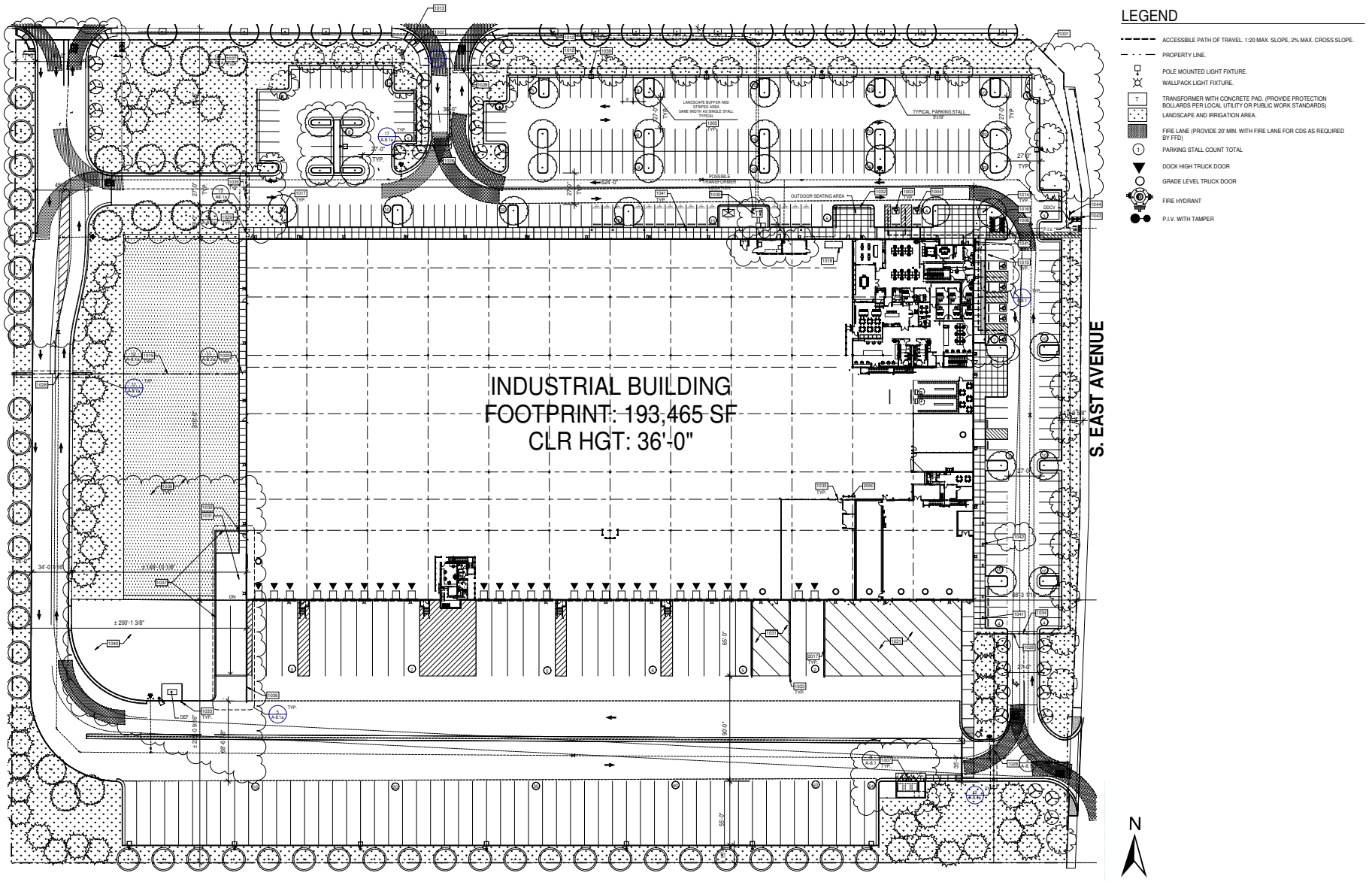


RCCB Fresno Distribution Warehouse
City of Fresno

Figure 2

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Conceptual Site Plan

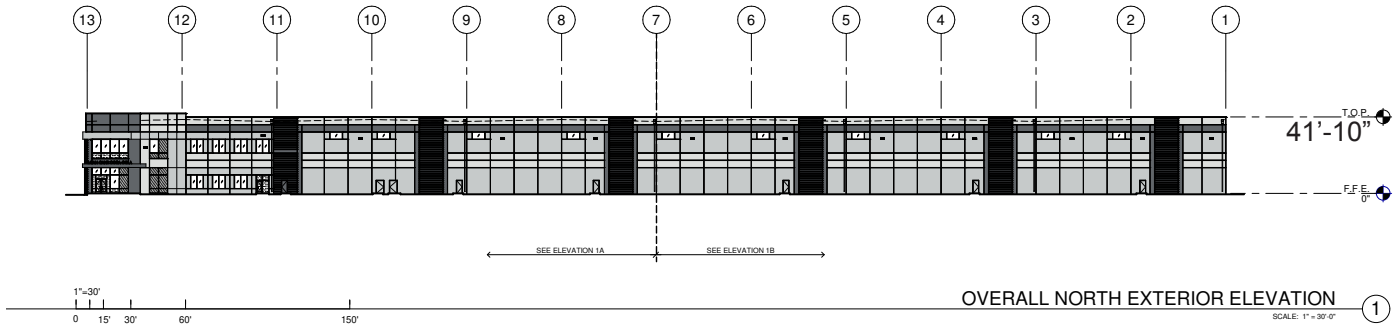


RCCB Fresno Distribution Warehouse
City of Fresno

Figure 3

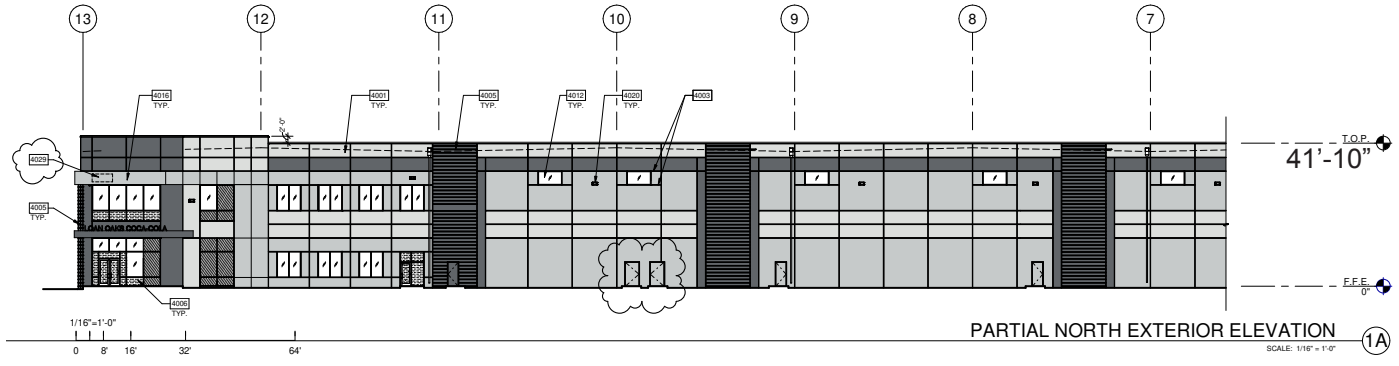
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Proposed Elevations



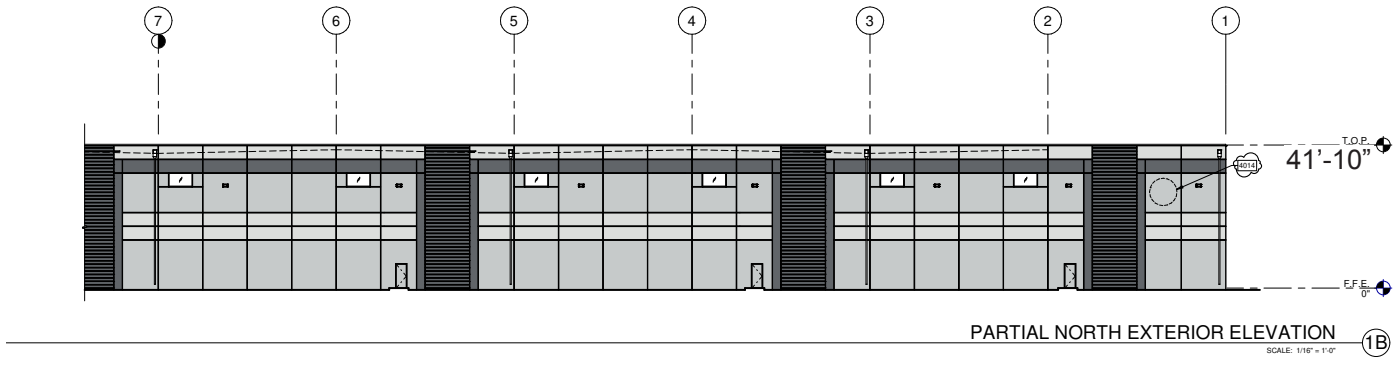
OVERALL NORTH EXTERIOR ELEVATION 1

SCALE: 1" = 30'-0"



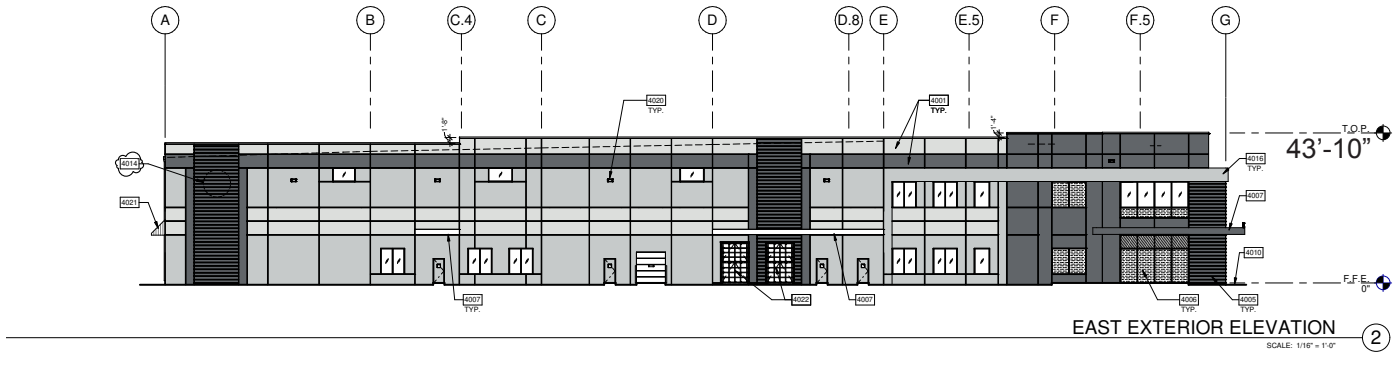
PARTIAL NORTH EXTERIOR ELEVATION 1A

SCALE: 1/16" = 1'-0"



PARTIAL NORTH EXTERIOR ELEVATION 1B

SCALE: 1/16" = 1'-0"



EAST EXTERIOR ELEVATION 2

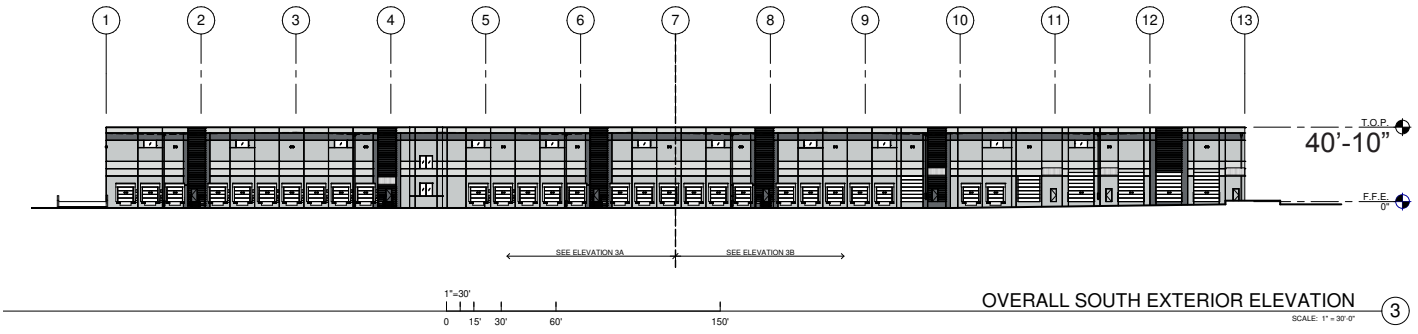
SCALE: 1/16" = 1'-0"

RCCB Fresno Distribution Warehouse
City of Fresno

Figure 4a

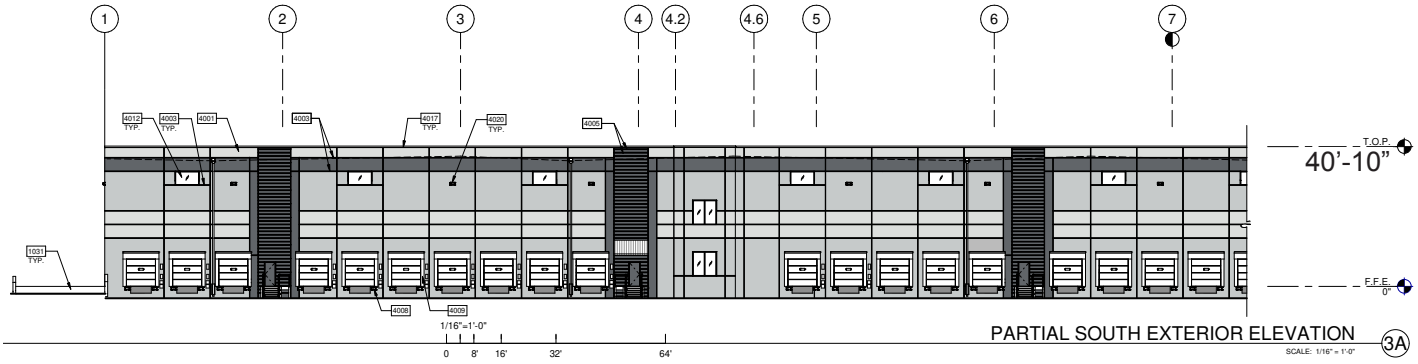
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Proposed Elevations



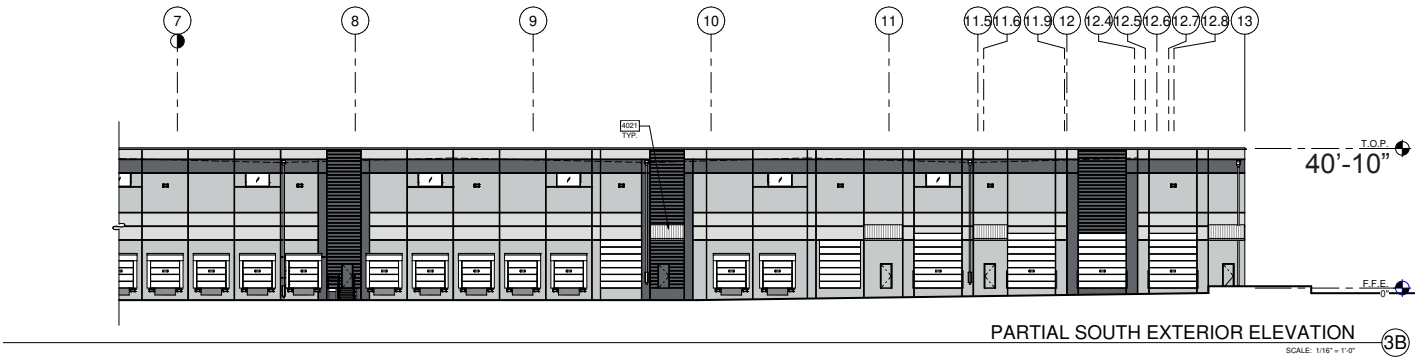
OVERALL SOUTH EXTERIOR ELEVATION 3

SCALE: 1" = 30'-0"



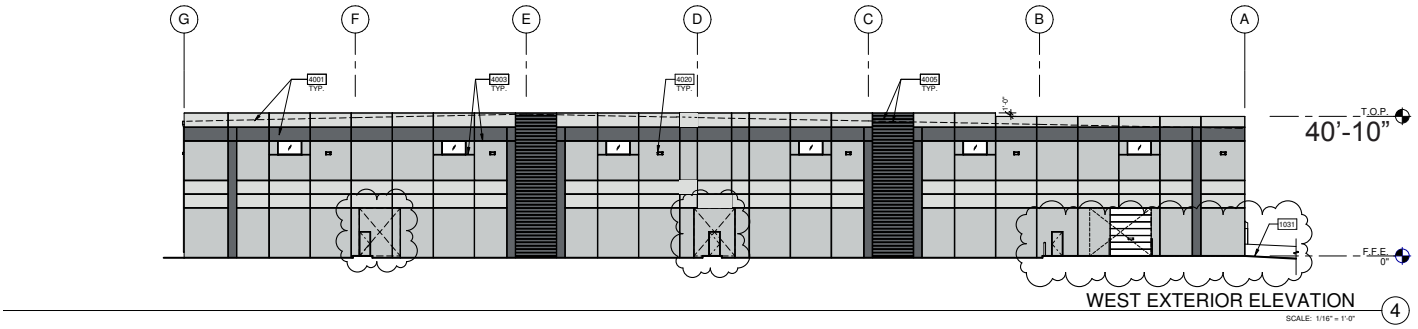
PARTIAL SOUTH EXTERIOR ELEVATION 3A

SCALE: 1/16" = 1'-0"



PARTIAL SOUTH EXTERIOR ELEVATION 3B

SCALE: 1/16" = 1'-0"



WEST EXTERIOR ELEVATION 4

SCALE: 1/16" = 1'-0"

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Conceptual Renderings



RCCB Fresno Distribution Warehouse
City of Fresno

Figure 5

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PREVIOUS ENVIRONMENTAL ANALYSES OF THE PROPOSED PROJECT

Applicable to the proposed Project, a Program EIR (PEIR) (SCH #2019050005) was prepared for the 2021 GP Amendment No. P19-04226 (2021 GPA). The 2021 GPA continues the implementation of a majority of the General Plan as approved in 2014, except for specific text changes to the Mobility and Transportation Element related to Vehicle Miles Traveled (VMT) analysis, and an update to the Greenhouse Gas Reduction Plan. The PEIR consists of the Draft PEIR from March 2020, the Response to Comments documents from July 2020, the Recirculated Draft PEIR from March 2021, and the Response to Comments documents from July 2021. The proposed Project would be consistent with the GP designation of Employment – Heavy Industrial, as described above. The PEIR assumed full development and buildout of the Project site, consistent with the uses and development standards proposed by the Project. The cumulative impacts associated with buildout of the City as envisioned in the GP, including the Project site, were fully addressed in the PEIR.

CEQA Guidelines Section 15183 Streamline Analysis

CEQA Guidelines Section 15183 allows a streamlined environmental review process for projects that are consistent with the densities established by existing zoning, community plan or general plan policies for which an EIR was certified. As noted above, the proposed Project is consistent with the land use designation and densities established by the Fresno GP, for which an EIR was certified. The provisions contained in Section 15183 of the CEQA Guidelines are presented below.

15183. Projects Consistent with a Community Plan or Zoning

a) *CEQA mandates that projects which are consistent with the development density established by existing zoning, community plan, or general plan policies for which an EIR was certified shall not require additional environmental review, except as might be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site. This streamlines the review of such projects and reduces the need to prepare repetitive environmental studies.*
b) *In approving a project meeting the requirements of this section, a public agency shall limit its examination of environmental effects to those which the agency determines, in an initial study or other analysis:*
    1) *Are peculiar to the project or the parcel on which the project would be located,*
    2) *Were not analyzed as significant effects in a prior EIR on the zoning action, general plan, or community plan, with which the project is consistent,*
    3) *Are potentially significant off-site impacts and cumulative impacts which were not discussed in the prior EIR prepared for the general plan, community plan or zoning action, or*
    4) *Are previously identified significant effects which, as a result of substantial new information which was not known at the time the EIR was certified, are determined to have a more severe adverse impact than discussed in the prior EIR.*

c) If an impact is not peculiar to the parcel or to the project, has been addressed as a significant effect in the prior EIR, or can be substantially mitigated by the imposition of uniformly applied development policies or standards, as contemplated by subdivision I below, then an additional EIR need not be prepared for the project solely on the basis of that impact.

d) This section shall apply only to projects which meet the following conditions:

1) The project is consistent with:

A. A community plan adopted as part of a general plan,

B. A zoning action which zoned or designated the parcel on which the project would be located to accommodate a particular density of development, or

C. A general plan of a local agency, and

2) An EIR was certified by the lead agency for the zoning action, the community plan, or the general plan.

e) This section shall limit the analysis of only those significant environmental effects for which:

1) Each public agency with authority to mitigate any of the significant effects on the environment identified in the planning or zoning action undertakes or requires others to undertake mitigation measures specified in the EIR which the lead agency found to be feasible, and

2) The lead agency makes a finding at a public hearing as to whether the feasible mitigation measures will be undertaken.

f) An effect of a project on the environment shall not be considered peculiar to the project or the parcel for the purposes of this section if uniformly applied development policies or standards have been previously adopted by the City or county with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to future projects, unless substantial new information shows that the policies or standards will not substantially mitigate the environmental effect. The finding shall be based on substantial evidence which need not include an EIR. Such development policies or standards need not apply throughout the entire City or county, but can apply only within the zoning district in which the project is located, or within the area subject to the community plan on which the lead agency is relying. Moreover, such policies or standards need not be part of the general plan or any community plan, but can be found within another pertinent planning document such as a zoning ordinance. Where a City or county, in previously adopting uniformly applied development policies or standards for imposition on future projects, failed to make a finding as to whether such policies or standards would substantially mitigate the effects of future projects, the decision-making body of the City or county, prior to approving such a future project pursuant to this section, may hold a public hearing for the purpose of considering whether, as applied to the project, such standards or policies would substantially mitigate the effects of the project. Such a public hearing need only be held if the City or county decides to apply the standards or policies as permitted in this section.

g) Examples of uniformly applied development policies or standards include, but are not limited to:

1) Parking ordinances.

2) Public access requirements.

3) *Grading ordinances.*
4) *Hillside development ordinances.*
5) *Flood plain ordinances.*
6) *Habitat protection or conservation ordinances.*
7) *View protection ordinances.*
8) *Requirements for reducing greenhouse gas emissions, as set forth in adopted land use plans, policies, or regulations.*

h) *An environmental effect shall not be considered peculiar to the project or parcel solely because no uniformly applied development policy or standard is applicable to it.*

i) *Where the prior EIR relied upon by the lead agency was prepared for a general plan or community plan that meets the requirements of this section, any rezoning action consistent with the general plan or community plan shall be treated as a project subject to this section.*
   1) *"Community plan" is defined as a part of the general plan of a City or county which applies to a defined geographic portion of the total area included in the general plan, includes or references each of the mandatory elements specified in Section 65302 of the Government Code, and contains specific development policies and implementation measures which will apply those policies to each involved parcel.*
   2) *For purposes of this section, "consistent" means that the density of the proposed project is the same or less than the standard expressed for the involved parcel in the general plan, community plan or zoning action for which an EIR has been certified, and that the project complies with the density-related standards contained in that plan or zoning. Where the zoning ordinance refers to the general plan or community plan for its density standard, the project shall be consistent with the applicable plan.*

j) *This section does not affect any requirement to analyze potentially significant offsite or cumulative impacts if those impacts were not adequately discussed in the prior EIR. If a significant offsite or cumulative impact was adequately discussed in the prior EIR, then this section may be used as a basis for excluding further analysis of that offsite or cumulative impact.*

PROJECT-SPECIFIC ENVIRONMENTAL REVIEW

The Environmental Checklist includes a discussion and analysis of any peculiar or site-specific environmental impacts associated with construction and operation of the proposed Project. The Environmental Checklist identifies the applicable City of Fresno development standards and policies that would apply to the proposed Project during both the construction and operational phases and explains how the application of these uniformly applied standards and policies would ensure that no peculiar or site-specific environmental impacts would occur. None of the environmental factors below would be affected by this Project, as indicated by the checklist on the following pages.

☐	Aesthetics	☐	Agriculture and Forestry Resources
☐	Air Quality	☐	Biological Resources
☐	Cultural Resources	☐	Energy

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

CONCLUSION

As described above, Development Permit Application No. P22-00565 (proposed Project) is consistent with the land use designation and development intensity assigned to the Project site by the City of Fresno. Cumulative impacts associated with development and buildout of the Project site, as proposed, were fully addressed in the City of Fresno PEIR (SCH No. 2019050005). Since the proposed Project is consistent with the land use designation and development intensity for the site identified in the GP and analyzed in the PEIR, implementation of the proposed Project would not result in any new or altered cumulative impacts beyond those addressed in the PEIR.

The analysis in the following CEQA Environmental Checklist demonstrates that there are no site-specific or peculiar impacts associated with the Project and identifies uniformly applied standards and policies that would be applied to the Project. The Project Requirements identified in the attached environmental analysis include requirements that must be implemented by the proposed Project in order to ensure that any site-specific impacts or construction-related impacts are reduced to a less-than-significant level. All Project Requirements identified in the attached Environmental Checklist shall be made a condition of Project approval and shall be implemented within the timeframes identified.

Thomas Veatch, Planner Date

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
I. AESTHETICS – Except as provided in PRC Section 21099, would the project:					
a) Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☐	☒
b) Substantially damage scenic resources, including, but not limited to, trees, rock out-croppings, and historic buildings within a state scenic highway?	☐	☐	☐	☐	☒
c) In non-urbanized areas, substantially degrade the existing visual character or quality public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☐	☒
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The City has highly valued features such as the San Joaquin River, Sierra Nevada foothills, Downtown Fresno building skyline, and the State scenic highway SR-99. The GP PEIR states that the land use changes in the planning area of the GP (Planning Area) would result in a combination of de-intensifying in some areas and intensifying in other areas potentially affecting views of such valued features. However, within the Planning Area the GP has no locations designated as a scenic vista and there are no resources eligible for listing as a scenic highway. Therefore, the PEIR concluded the GP would have a less than significant impact on scenic vistas and scenic resources.

It was concluded in the GP PEIR the GP would result in a substantial alteration to the existing urban form and character of the existing Planning Area. Implementation of the GP objectives and policies within the Urban Form, Land Use and Design Element and the Mobility and Transportation Element reduced potential visual character impacts within the Planning Area. However, the replacement of rural and agricultural uses and open space with urban land uses was considered a significant impact from potential changes to visual character.

It was also concluded that the new development outside and within the Planning Area would have a significant impact due to the increased amount light spillover onto adjacent properties within and adjacent, increased illumination of the sky at night, and increased the glare from building facades, signs, parking lots, roadways, and vehicles. Therefore, the PEIR introduced

mitigation measures MM AES-4.1 through -4.5 to reduce impacts; however impacts from the illumination of the night sky would remain significant.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's aesthetics are as follows:

Policy LU-2-c: Infill Design Toolkit. Develop and distribute an infill design toolkit, consistent with the City's Infill Development Act to support and encourage infill development. Commentary: The toolkit will use photos and diagrams to:

- Explain design and permit requirements and priority infill development incentives;
- Illustrate context-responsive best practices for prototype development; and
- Address detailed issues such as parking, scale, privacy, outdoor spaces, housing types, transitions, building design, siting and street orientation, setbacks, windows, and general material guidelines and buffering for adjacent uses.

Policy UF-14-a: Design Guidelines for Walkability. Develop and use design guidelines and standards for a walkable and pedestrian‐scaled environment with a network of streets and connections for pedestrians and bicyclists, as well as transit and autos.
Commentary: These guidelines will highlight how to achieve these design ideas and avoid barriers to access, such as:

- Walls and fences that separate related uses or isolate neighborhoods;
- Over reliance on cul-de-sacs and dead end streets that cut off access within neighborhoods;
- Disconnected bike and pedestrian paths;
- Wide streets that lack pedestrian support, such as sidewalks, median strips, and a landscaped strip that separates pedestrians from the street;
- Street front parking lots that separate pedestrian from commercial operations;
- Retail centers that are exclusively auto-oriented;
- Transit stops that are not easily accessible from an individual's starting point and destination; and
- Long blocks that discourage walking.

Policy D-3-d. Partner with utility companies the city will continue to pursue the undergrounding of overhead utilities as feasible.

GP PEIR MITIGATION MEASURES

MM AES-4.1 Lighting for Street and Parking Areas. Lighting systems for street and parking areas shall include shields to direct light to the roadway surfaces and parking areas. Vertical shields on the light fixtures shall also be used to direct light away from adjacent light sensitive land uses such as residences.

MM AES-4.2 Lighting for Public Facilities. Lighting systems for public facilities such as active play areas shall provide adequate illumination for the activity; however, low intensity light fixtures and shields shall be used to minimize spillover light onto adjacent properties.

MM AES-4.3 Lighting for Non-Residential Uses. Lighting systems for non-residential uses, not including public facilities, shall provide shields on the light fixtures and orient the lighting system away from adjacent properties. Low intensity light fixtures shall also be used if excessive spillover light onto adjacent properties will occur.

MM AES-4.4 Signage Lighting. Lighting systems for freestanding signs shall not exceed 100 foot Lamberts (FT-L) when adjacent to streets which have an average light intensity of less than 2.0 horizontal footcandles and shall not exceed 500 FT-L when adjacent to streets which have an average light intensity of 2.0 horizontal footcandles or greater.

MM AES-4.5 Use of Non-Reflective Materials. Materials used on building facades shall be non-reflective.

PROJECT-SPECIFIC IMPACTS

a) Have a substantial adverse effect on a scenic vista?

No New Impact. This topic was evaluated in the GP PEIR and was determined to have a less than significant impact.

The Project site is relatively flat and not within or near a scenic vista, and is located in an area surrounded by existing industrial and commercial uses. The Project is an infill development project, consistent with the Heavy Industrial GP land use designation. The proposed warehouse with mezzanine level would have a clearance height of 36 feet and have a maximum top of parapet height 44 feet 10 inches tall with varying roof lines to break up the perception of massing. Therefore, the height of the warehouse is within the maximum building height limit of 60 feet specified for the Employment - Heavy Industrial District (IH) zone. In addition, the IH includes a 15-foot front (major street) setback. As discussed in the GP PEIR, new buildings and development anticipated in the GP Planning Areas could reduce views of scenic vistas. Although the proposed warehouse massing and height are increased compared to existing vacant conditions, there would be no impact to scenic vistas. The proposed industrial warehouse would not substantially obstruct views from downtown skyline or obstruct distant views of the mountains beyond existing conditions. Therefore, the Project would result in no new impact to scenic vistas.

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

No New Impact. This topic was evaluated in the GP PEIR and was determined to have a less

than significant impact. As discussed in the GP PEIR, the City has two nearest the GP Planning Area eligible State Scenic Highways; State Route 180 (SR-180), State Route 168 (SR-168). However, the City does not have any officially designated State Scenic Highways and it was concluded future developed such as the proposed Project, in accordance with the GP would not impact such state scenic highways. Furthermore, the Project site is not visible from a state scenic highway or scenic roadway. Therefore, the Project would result in no new impact on scenic resources on a state scenic highway.

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

No New Impact. This topic was evaluated in the GP PEIR and was determined to have significant and unavoidable impact. No feasible mitigation measures are available. The Project is in an industrial area, specifically within the IH zone. As discussed above, the Project proposes to construct a new industrial warehouse in an area surrounded by similar industrial development. Visual character and quality of the proposed industrial warehouse would be similar to existing buildings.

It was determined in the GP PEIR that significant visual character impacts were expected to occur within the Planning Area due to the replacement of rural, agricultural, and open space uses with urban land uses. To reduce these potential impacts, the GP implemented the objectives and policies as previously stated and also within the Urban Form, Land Use and Design Element and the Mobility and Transportation Element. The Project is located in a partially developed area of the City with scattered properties used for agricultural and industrial purposes. The Project would be consistent with the GP goals that pertain to the aesthetics listed above to improve the visual character and quality of industrial areas within the City. However, the Project impact would remain significant and unavoidable due to replacement of the undeveloped property with urban land uses in the same manner as the PEIR. Therefore, the Project would result in no new impact with respect to existing visual character and quality.

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

No New Impact. This topic was evaluated in the GP PEIR and was determined to have a significant impact specifically pertaining to illumination of the sky at night. The GP PEIR determined lighting on properties adjacent to lighting systems and glare impacts would be less than significant.

The Project site is vacant and the surrounding area is primarily built-out, and a substantial amount of ambient light from urban uses already exists. As further discussed in Biological Resources, the Project site is not located in the vicinity of sensitive habitat areas. Proposed parking areas and exterior of the building would include approximately 14 lighting fixtures (138

watt LED) and the building exterior would include approximately 30 attached lighting fixtures (202 watt LED), positioned along all sides of the building. The new lighting would be focused on the site for safety and illumination, and shielded from off-site areas. Such lighting specifications are as required for implementation as stated in Policy LU-6-b, and MM AES-4.1, AES-4.3 through -4.5, designed to reduce glare and light spillover on adjacent development. Vehicle and truck traffic would introduce new light to the Project site. However, the lighting would be intermittent and transitory in nature and would not result in long-term permanent onsite lighting. MM AES-4.2 does not apply to the Project because it is not a public facility. Therefore, with implementation of PEIR mitigation measures, the Project impact would be less than significant and no new impact would occur with respect to light and glare.

CONCLUSION

With regards to the issue area of Aesthetics, the following findings can be made:

1. No peculiar impacts from the Project or site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. Mitigation measures contained within the GP PEIR would be required to reduce similar Project specific impacts to less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM AES-4.1 Lighting for Street and Parking Areas. Lighting systems for street and parking areas shall include shields to direct light to the roadway surfaces and parking areas. Vertical shields on the light fixtures shall also be used to direct light away from adjacent light sensitive land uses such as residences.

MM AES-4.3 Lighting for Non-Residential Uses. Lighting systems for non-residential uses, not including public facilities, shall provide shields on the light fixtures and orient the lighting system away from adjacent properties. Low intensity light fixtures shall also be used if excessive spillover light onto adjacent properties will occur.

MM AES-4.4 Signage Lighting. Lighting systems for freestanding signs shall not exceed 100 foot Lamberts (FT-L) when adjacent to streets which have an average light intensity of less than 2.0 horizontal footcandles and shall not exceed 500 FT-L when adjacent to streets which have an average light intensity of 2.0 horizontal footcandles or greater.

MM AES-4.5 Use of Non-Reflective Materials. Materials used on building facades shall be non-reflective.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
II. AGRICULTURE AND FORESTRY RESOURCES – In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:					
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farm-land), as shown on the maps prepared pursuant to the Farmland Mapping and Monito-ring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

As concluded in the GP PEIR, implementation of the GP would result in the loss of farmland and the City acknowledged there are no feasible measures to replace the loss of farmland.

It was determined in the PEIR analysis in a worst-case assumption, the GP would not conserve agricultural resources within the Planning Area. Implementation of the GP converted approximately 14,627 acres of FMMP-designated farmland and approximately 11,495 acres of existing farmland to uses other than agriculture. This conversion was determined to have significant impact on agricultural resources. Although not encompassing the Project site, the GP has 603 acres in the Planning Area currently under a Williamson Act contract for designation as non-agricultural uses.

The GP PEIR implemented Policy RC-9-b to reduce premature conversion of agricultural land within the Planning Area and outside the sphere-of-influence. Although this policy is intended to reduce some impacts on agricultural zoning and Williamson Act contracts, impacts remained significant.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's agriculture and forestry impacts:

Objective RC-9. Preserve agricultural land outside of the area planned for urbanization under this General Plan.

Policy RC-9-b. Land Outside SOI. Express opposition to residential and commercial development proposals in unincorporated areas (excluding County Islands) within or adjacent to the Planning Area when these proposals would do any of the following:

- Make it difficult or infeasible to implement the General Plan;
- Contribute to the premature conversion of agricultural, open space, or grazing lands; or
- Constitute a detriment to the management of resources and/or facilities important to the Fresno Metropolitan Area (such as air quality, water quantity and quality, traffic circulation, and riparian habitat).

Policy RC-9-c: Farmland Preservation Program. In coordination with regional partners or independently, establish a Farmland Preservation Program. When Prime Farmland, Unique Farmland, or Farmland of Statewide Importance is converted to urban uses outside City limits, this program would require that the developer of such a project permanently protect an equal amount of similar farmland elsewhere through easement to mitigate the loss of such farmland consistent with the requirements of CEQA. The Farmland Preservation Program shall provide several mitigation options that may include, but are not limited to the following: Restrictive Covenants or Deeds, In Lieu Fees, Mitigation Banks, Fee Title Acquisition, Conservation Easements, Land Use Regulation, or any other mitigation method that is in compliance with the requirements of CEQA. The Farmland Preservation Program may be modeled after some or all of the programs described by the California Council of Land Trusts.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

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?

No New Impact. The PEIR determined the GP Update would result in a significant impact regarding this topic. The Project site is not on Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. The site is designated farmland of local importance and is surrounded by urban and built-up land according to the California Department of Conservation's California Important Farmland Finder Map. Although the Project would convert a site designed as farmland of local importance, the Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance and therefore, impacts would not be considered significant. Thus, the Project would not result in new impacts related to the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use.

b) Conflict with existing zoning for agricultural use or a Williamson Act contract?

No New Impact. The GP PEIR determined the GP Update would result in a significant impact regarding this topic. The Project site is not currently under an active Williamson Act contract. Therefore, the Project would not result in new impacts related to conflicts with existing zoning for agricultural use or a Williamson Act contract.

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

No New Impact. This topic was not evaluated in the GP PEIR. The Project does not include forest land or timberland. The Project site is vacant and has a zoning designation of Heavy Industrial District/Urban Growth Management (IH/UGM). The proposed Project would be consistent the existing zoning. Therefore, the Project would not result in significant impacts related to rezoning of forest land or timber land. No new impacts related to conflicts with existing forest land or timberland zoning would occur.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No New Impact. This topic was not evaluated in the GP PEIR. As previously discussed, the Project site is currently vacant. Therefore, the Project would not result in impacts to loss of forest land or conversion of forest land to non-forest use and no new impacts would occur.

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?

No New Impact. The GP PEIR determined the GP Update would impact Farmland, and impacts would be significant and unavoidable. The Project site is vacant and not designated or zoned for forest land. It has not been used as farmland since 2001. The proposed Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to

nonagricultural use. Further, the Project would be consistent with the land use and zoning designation for the site and would be developed similar to the surrounding existing uses. Therefore, the Project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use. The Project would result in no new impacts.

CONCLUSION

With regards to the issue area of Agricultural/Forestry Resources, the following findings can be made:

1. No peculiar impacts from the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
III. AIR QUALITY – Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:					
a) Conflict with or obstruct implementation of the applicable air quality plan (*e.g.*, by having potential emissions of regulated criterion pollutants which exceed the San Joaquin Valley Air Pollution Control Districts (SJVAPCD) adopted thresholds for these pollutants)?	☐	☐	☐	☐	☒
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 (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	☐	☐	☐	☐	☒
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☐	☐	☒
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR used two tests to determine if the GP conflicted or obstructed applicable air quality plans. First, if the GP exceeds the growth projections used in the applicable attainment plan, it would produce a potentially significant impact. Second, if the GP included goals, policies, and development standards that were in conflict with the development related control measures in the attainment plans, the GP would be potentially significant. Under these tests, the GP would not have a significant impact.

Growth projections used for the GP buildout year 2056 concluded that the amount of growth predicted for the GP is accommodated by the San Joaquin Valley Air Pollution Control District's (SJVAPCD) attainment plan, and would not conflict with the ability for the air basin to attain the 8-hour ozone standard by the 2023 attainment date. In addition, emissions were anticipated to continually decline due to implementation of planned air quality regulations and the introduction of newer, cleaner, vehicles into the vehicle fleet even with development and population increases. Furthermore, implementation of the GP was determined to increase the City's sustainability efforts to reduce motor vehicle use and energy consumption by increasing development density and by providing a land use pattern and transportation infrastructure more supportive of public transportation, walking, and bicycling. As concluded in the GP PEIR,

the GP supported the implementation of SJVAPCD's attainment plans and successfully met the two consistency tests.

As described in the GP PEIR, the SJVAPCD adopted rules and regulations specifically designed to reduce the impacts of growth on the applicable air quality plans (i.e., Rule 9510, Regulation III, and Rule 2201). It was concluded that development consistent with the approved GP would comply with these rules and regulations and would not interfere or obstruct with the application of the attainment plans. Therefore, the GP and the proposed Project, would be consistent with the air quality attainment plans resulting in a less than significant impact.

The PEIR concluded that implementation of the GP will reduce criteria pollutant emissions, the GP exceeded the SJVAPCD project level thresholds of significance for ROG, NOx, PM10, and PM2.5. While implementation of Mitigation Measures AIR-2.1, AIR-2.2, AIR-3.1, AIR-3.2 and AIR-4.1 would reduce criteria air pollutant emissions generated by continued implementation of the approved GP, there was not enough information to quantify emissions of specific project development that may occur. Without quantification to guarantee a less than significant finding, future development projects were considered to have the potential to exceed the SJVAPCD regional significance thresholds and to have the potential to expose sensitive receptors to substantial pollutant concentrations. Therefore, cumulative impacts to air quality, localized pollutant concentrations and toxic air contaminants (TAC) would remain significant and unavoidable.

As described below, the PEIR included Mitigation Measures AIR‐2.1, AIR‐2.2, AIR‐3.1, AIR‐3.2 and AIR‐4.1 to require project-level technical studies for discretionary projects top determine if project specific mitigation is required to reduce impacts, which apply to the proposed Project.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's air quality impacts:

Policy UF-14-a: Design Guidelines for Walkability. Develop and use design guidelines and standards for a walkable and pedestrian-scaled environment with a network of streets and connections for pedestrians and bicyclists, as well as transit and autos.

> *Commentary: These guidelines will highlight how to achieve these design ideas and avoid barriers to access, such as:*
> - Walls and fences that separate related uses or isolate neighborhoods;
> - Over reliance on cul-de-sacs and dead end streets that cut off access within neighborhoods;
> - Disconnected bike and pedestrian paths;

- Wide streets that lack pedestrian support, such as sidewalks, median strips, and a landscaped strip that separates pedestrians from the street;
- Street front parking lots that separate pedestrian from commercial operations;
- Retail centers that are exclusively auto-oriented;
- Transit stops that are not easily accessible from an individual's starting point and destination; and
- Long blocks that discourage walking.

Objective RC-4. In cooperation with other jurisdictions and agencies in the San Joaquin Valley Air Basin, take necessary actions to achieve and maintain compliance with State and federal air quality standards for criteria pollutants.

Policy RC-4-a. Support Regional Efforts. Support and lead, where appropriate, regional, State and federal programs and actions for the improvement of air quality, especially the SJVAPCD's efforts to monitor and control air pollutants from both stationary and mobile sources and implement Reasonably Available Control Measures in the Ozone Attainment Plan.

Policy RC-4-b. Conditions of Approval. Develop and incorporate air quality maintenance requirements, compatible with Air Quality Attainment and Maintenance Plans, as conditions of approval for General Plan amendments, community plans, Specific Plans, neighborhood plans, Concept Plans, and development proposals.

Policy RC-4-c. Evaluate Impacts with Models. Continue to require the use of computer models used by SJVAPCD to evaluate the air quality impacts of plans and projects that require such environmental review by the City.

Policy RC-4-d. Forward Information. Forward information regarding proposed General Plan amendments, community plans, Specific Plans, neighborhood plans, Concept Plans, and development proposals that require air quality evaluation, and amendments to development regulations to the SJVAPCD for their review of potential air quality and health impacts.

Policy RC-4-e. Support Employer-Based Efforts. Support and promote employer implementation of staggered work hours and employee incentives to use carpools, public transit, and other measures to reduce vehicular use and traffic congestion.

Policy RC-4-k: Electric Vehicle Charging. Develop standards to facilitate electric vehicle charging infrastructure in both new and existing public and private buildings, in order to accommodate these vehicles as the technology becomes more widespread.

Policy RC-5-c: GHG Reduction through Design and Operations. Increase efforts to incorporate requirements for GHG emission reductions in land use entitlement decisions,

facility design, and operational measures subject to City regulation through the following measures and strategies:

- Promote the expansion of incentive-based programs that involve certification of projects for energy and water efficiency and resiliency. These certification programs and scoring systems may include public agency "Green" and conservation criteria, Energy Star™ certification, CALGreen Tier 1 or Tier 2, Leadership in Energy and Environmental Design (LEED™) certification, etc.
- Promote appropriate energy and water conservation standards and facilitate mixed-use projects, new incentives for infill development, and the incorporation of mass transit, bicycle and pedestrian amenities into public and private projects.
- Require energy and water audits and upgrades for water conservation, energy efficiency, and mass transit, pedestrian, and bicycle amenities at the time of renovation, change in use, change in occupancy, and change in ownership for major projects meeting review thresholds specified in an implementing ordinance.
- Incorporate the City's "Guidelines for Ponding Basin/Pond Construction and Management to Control Mosquito Breeding" as conditions of approval for any project using an on-site stormwater basin to prevent possible increases in vector-borne illnesses associated with global climate change.
- Periodically evaluate the City's facility maintenance practices to determine whether there are additional opportunities to reduce GHGs through facility cleaning and painting, parks maintenance, road maintenance, and utility system maintenance.
- Periodically evaluate standards and mitigation strategies for highly vehicle-dependent land uses and facilities, such as drive-through facilities and auto-oriented development.

Policy RC-8-a: Existing Standards and Programs. Continue existing beneficial energy conservation programs, including adhering to the California Energy Code in new construction and major renovations.

Policy RC-8-b: Energy Reduction Targets. Strive to reduce per capita residential electricity use to 1,800 kWh per year and non-residential electricity use to 2,700 kWh per year per capita by developing and implementing incentives, design and operation standards, promoting alternative energy sources, and cost-effective savings.

Policy RC-8-c: Energy Conservation in New Development. Consider providing an incentive program for new buildings that exceed California Energy Code requirements by fifteen percent.

GP PEIR MITIGATION MEASURES

MM AIR-2.1 Prior to future discretionary project approval, development project applicants shall prepare and submit to the Director of the City Planning and Development Department, or designee, a technical assessment evaluating potential project construction phase-related air quality impacts. The evaluation shall be prepared

in conformance with SJVAPCD methodology for assessing construction impacts. If construction related air pollutants are determined to have the potential to exceed the SJVAPCD adopted threshold of significance, the Planning and Development Department shall require that applicants for new development projects incorporate mitigation measures into construction plans to reduce air pollutant emissions during construction activities. The identified measures shall be included as part of the Project Conditions of Approval. Possible mitigation measures to reduce construction emissions include but are not limited to:

- Install temporary construction power supply meters on site and use these to provide power to electric power tools whenever feasible. If temporary electric power is available on site, forbid the use of portable gasoline- or diesel-fueled electric generators.
- Use of diesel oxidation catalysts and/or catalyzed diesel particulate traps on diesel equipment, as feasible.
- Maintain equipment according to manufacturers' specifications.
- Restrict idling of equipment and trucks to a maximum of 5 minutes (per California Air Resources Board [CARB] regulation).
- Phase grading operations to reduce disturbed areas and times of exposure.
- Avoid excavation and grading during wet weather.
- Limit on-site construction routes and stabilize construction entrance(s).
- Remove existing vegetation only when absolutely necessary.
- Sweep up spilled dry materials (e.g., cement, mortar, or dirt track-out) immediately. Never attempt to wash them away with water.
- Use only minimal water for dust control.
- Store stockpiled materials and wastes under a temporary roof or secured plastic sheeting or tarp.

MM AIR-2.2 Prior to future discretionary project approval, development project applicants shall prepare and submit to the Director of the City Planning and Development Department, or designee, a technical assessment evaluating potential project operation-related air quality impacts. The evaluation shall be prepared in conformance with SJVAPCD methodology in assessing air quality impacts. If operation-related air pollutants are determined to have the potential to exceed the SJVAPCD-adopted thresholds of significance, the Planning and Development Department shall require that applicants for new development projects incorporate mitigation measures to reduce air pollutant emissions during operational activities. The identified measures shall be included as part of the Project Conditions of Approval. Possible mitigation measures to reduce long-term emissions include but are not limited to:

- For site-specific development that requires refrigerated vehicles, the construction documents shall demonstrate an adequate number of electrical

service connections at loading docks for plugging in the anticipated number of refrigerated trailers to reduce idling time and emissions.

- Applicants for manufacturing and light industrial uses shall consider energy storage (i.e., battery) and combined heat and power (CHP, also known as cogeneration) in appropriate applications to optimize renewable energy generation systems and avoid peak energy use.
- Site-specific developments with truck delivery and loading areas and truck parking spaces shall include signage as a reminder to limit idling of vehicles while parked for loading/unloading in accordance with CARB Rule 2845 (13 California Code of Regulations [CCR] Chapter 10, Section 2485).
- Require that 240-volt electrical outlets or Level 3 chargers be installed in parking lots that would enable charging of neighborhood electric vehicles (NEVs) and/or battery powered vehicles.
- Maximize use of solar energy including solar panels; installing the maximum possible number of solar energy arrays on building roofs throughout the city to generate solar energy.
- Maximize the planting of trees in landscaping and parking lots.
- Use light-colored paving and roofing materials.
- Require use of electric or alternatively fueled street-sweepers with HEPA filters.
- Require use of electric lawn mowers and leaf blowers.
- Utilize only Energy Star heating, cooling, and lighting devices, and appliances.
- Use of water-based or low volatile organic compound (VOC) cleaning products.

MM AIR-3.1 Prior to future discretionary approval for projects that require environmental evaluation under CEQA, the City of Fresno shall evaluate new development proposals for new industrial or warehousing land uses that: (1) have the potential to generate 100 or more truck trips per day or have 40 or more trucks with operating diesel-powered transport refrigeration units, and (2) are within 1,000 feet of a sensitive land use (e.g., residential, schools, hospitals, or nursing homes), as measured from the property line of the project to the property line of the nearest sensitive use. Such projects shall submit a Health Risk Assessment (HRA) to the City Planning and Development Department. The HRA shall be prepared in accordance with policies and procedures of the most current State Office of Environmental Health Hazard Assessment (OEHHA) and the SJVAPCD. If the HRA shows that the incremental health risks exceed their respective thresholds, as established by the SJVAPCD at the time a project is considered, the Applicant will be required to identify and demonstrate that best available control technologies for toxics (T-BACTs), including appropriate enforcement mechanisms to reduce risks to an acceptable level. T-BACTs may include, but are not limited to:

- Restricting idling on site or electrifying warehousing docks to reduce diesel particulate matter;
- Requiring use of newer equipment and/or vehicles;
- Provide charging infrastructure for: electric forklifts, electric yard trucks, local drayage trucks, last mile delivery trucks, electric and fuel-cell heavy duty trucks; and/or
- Install solar panels, zero-emission backup electricity generators, and energy storage to minimize emissions associated with electricity generation at the project site.

T-BACTs identified in the HRA shall be identified as mitigation measures in the environmental document and/or incorporated into the site plan.

MM AIR-3.2 Locate sensitive land uses (e.g., residences, schools, and daycare centers) to avoid incompatibilities with recommended buffer distances identified in the most current version of the CARB Air Quality and Land Use Handbook: A Community Health Perspective (CARB Handbook). Sensitive land uses that are within the recommended buffer distances listed in the CARB Handbook shall provide enhanced filtration units or submit a Health Risk Assessment (HRA) to the City. If the HRA shows that the project would exceed the applicable SJVAPCD thresholds, mitigation measures capable of reducing potential impacts to an acceptable level must be identified and approved by the City.

MM AIR-4.1 Require developers of projects with the potential to generate significant odor impacts as determined through review of SJVAPCD odor complaint history for similar facilities and consultation with the SJVAPCD, to prepare an odor impact assessment and to implement odor control measures recommended by the SJVAPCD or the City as needed to reduce the impact to a level deemed acceptable by the SJVAPCD. The City's Planning and Development Department shall verify that all odor control measures have been incorporated into the project design specifications prior to issuing a permit to operate.

PROJECT-SPECIFIC IMPACTS

a) Conflict with or obstruct implementation of the applicable air quality plan?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic.

The Project's *Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report* (AQ/HR/GHG/Energy Study), dated 2022 prepared by LSA Associates, Inc. (LSA) is included in its entirety as Appendix A. As discussed in the AQ/HR/GHG/Energy Study, CEQA requires that certain projects be analyzed for consistency with the applicable air quality plan. For a project to be consistent with SJVAPCD air quality plans, the pollutants emitted from a project should not exceed the SJVAPCD emission thresholds or cause a significant impact on air

quality. In addition, emission reductions achieved through implementation of offset requirements are a major component of the SJVAPCD air quality plans. As analyzed below, construction of the Project would not result in the generation of criteria air pollutants that would exceed SJVAPCD thresholds of significance. Implementation of SJVAPCD Regulation VIII would further reduce construction dust impacts. Regulation VIII (SJVAPCD), Fugitive PM_{10} Prohibitions, requires actions to prevent, reduce, or mitigate anthropogenic fugitive dust emissions to reduce ambient concentrations of fine particulate matter, PM_{10}. As a result, all construction sites are required to reduce fugitive dust emissions by, but not limited to; street sweeping, road paving improvements, increased urban greening and forestry to improve air quality, and installation of vegetative barriers around/near sources of concern. Rule 2201, New and Modified Stationary Source Review, requires new and modified stationary/industrial sources to provide emission controls and offsets that ensure that stationary sources decline over time and do not impact the applicable air quality plans. Industrial and commercial sources that emit more than two pounds per day of any regulated pollutant are required to obtain an Authority to Construct (ATC) and Permit to Operate (PTO) from the SJVAPCD, and to implement best available control technology (BACT). For such stationary sources that exceed offset thresholds contained in Rule 2201, emission offsets are required. Rule 9510, Indirect Source Review, provides emission reductions needed by the SJVAPCD to fulfill the SJVAPCD's emission reduction commitments in the PM_{10} and Ozone Attainment Plans. The rule also provides a mechanism for reducing emissions from the construction of and use of development projects through off-site measures. Lastly, Rule 9510 achieves emission reductions through design features and on-site measures from the construction and use of development projects. As such individual projects within the GP area that exceed project level significance thresholds after accounting for Rule 9510 reductions would be required to implement additional mitigation measures to reduce significant emissions. Operational emissions associated with the Project would not exceed SJVAPCD established significance thresholds for ROG, NO_x, CO, sulfur oxides (SO_x), PM-10, or PM-2.5 emissions. NO_x and PM_{10} emissions would further be reduced with implementation of Rule 9510 (Indirect Source Review) which requires the reduction of operation emission of NOx by 33.3 percent of the Project's operational baseline and 50 percent of the Project's operational PM-10 emissions.

Assembly Bill (AB 617) requires the California Air Resources Board (CARB) and air districts to develop and implement a Community Emission Reduction Plan (CERP) with additional emissions reporting, monitoring, and reduction plans and measures in an effort to reduce air pollution exposure in disadvantaged communities. Given that 20 of the 30 most disadvantaged communities in California are in the San Joaquin Valley, this process is expected to bring additional clean air resources and strategies to many Valley communities. South Central Fresno is one of the communities selected by the CARB for investment of additional resources under AB 617. SJVAPCD established a steering committee for each of these communities comprising community residents, businesses, community advocates, and government representatives to assist in the development and implementation of community air monitoring and emission reduction programs. As such, AB 617 is implemented by SJVAPCD through their Community Emission Reduction Program (CERP) (2019). The proposed Project is located within the South Central Fresno boundary. The Project would comply with programs implemented by SJVAPCD and would comply with the CERP.

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Therefore, the Project would not conflict with or obstruct implementation of SJVAPCD air quality plans. No new impacts related to conflicts with SJVAPCD's air quality plans would occur.

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?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic.

SJVAPCD states that if an individual project results in air emissions of criteria pollutants (ROG, CO, NO_x, SO_x, PM-10, and PM-2.5) that exceed the SJVAPCD's recommended yearly thresholds for project-specific impacts, then it would also result in a cumulatively considerable net increase of the criteria pollutant(s) for which the project region is in non-attainment under an applicable federal or state ambient air quality standard. The methodologies from the SJVAPCD adopted Guide for Accessing and Mitigating Air Quality Impacts (GAMAQI) are used in evaluating Project impacts. SJVAPCD has established thresholds for regional pollutant emissions, which are shown in Table 2.

Table 2: SJVAPCD Construction and Operation Thresholds of Significance

(Tons per Year)

Pollutant	Construction (tons/year)	Operations (tons/years)
CO	100	100
NO_x	10	10
ROG	10	10
SO_x	27	27
PM-10	15	15
PM-2.5	15	15

Source: LSA Associates, Inc., 2022 (Appendix A)

CO = carbon monoxide
NO_X = nitrogen oxides
PM-10 = particulate matter less than 10 microns in diameter
PM-2.5 = particulate matter less than 2.5 microns in diameter
ROG = reactive organic gases
SO_X = sulfur oxides

Construction

Short-term air quality impacts may occur due to the release of particulate emissions generated by grading, paving, building, and other construction related activities. Emissions from

construction equipment are also anticipated and would include CO, NO_X, ROG, directly-emitted particulate matter PM-2.5 and PM-10, and toxic air contaminants (TACs) such as diesel exhaust particulate matter.

Construction related effects on air quality from the proposed Project would be greatest during the site preparation phase due to the disturbance of soils. As such, the Project would be required to comply with Regulation VIII (Fugitive PM_{10} Prohibition) to control fugitive dust. SJVAPCD Rule 8011, General Requirements, and Rule 8021, Construction, Demolition Excavation, Extraction, and Other Earthmoving Activities, would also be applicable. With compliance with Regulation VIII measures and Rules 8011 and 8021, fugitive dust emissions from construction activities would not result in adverse air quality impacts.

Table 3: Project Construction Emissions

Construction Year	Total Regional Pollutant Emissions[1] (tons/year)					
	ROG	**NO_x**	**CO**	**SO_x**	**PM-10**	**PM-2.5**
2022	0.1	1.5	1.1	<0.1	0.2	0.1
2023	0.3	4.0	3.6	<0.1	0.5	0.2
2024	0.8	0.4	0.3	<0.1	<0.1	<0.1
Maximum	**0.8**	**4.0**	**3.6**	**<0.1**	**0.5**	**0.2**
SJVAPCD Thresholds	10.0	10.0	100.0	27.0	15.0	15.0
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: LSA Associates, Inc., 2022 (Appendix A)
[1] All on-site and off-site emissions are presented as construction mitigation in the CalEEMod model output files.

As shown in Table 3, construction emissions associated with the Project would not exceed the SJVAPCD's thresholds for ROG, NO_x, CO, SO_x, PM-2.5, or PM-10 emissions. Therefore, construction of the proposed Project would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in nonattainment under an applicable federal or State AAQS, impacts are less than significant, requiring no mitigation. No new impacts related to generation of cumulatively considerable net increase of any criteria pollutant during construction would occur.

Operation

Operational activities associated with the Project would result in emissions of CO, VOCs, NO_X, SO_X, $PM_{2.5}$, and PM_{10}. Long-term air pollutant of such emission impacts are those associated with mobile sources (e.g., vehicle trips), energy sources (e.g., electricity and natural gas), area sources (e.g., architectural coatings and the use of landscape maintenance equipment), and off-road sources (e.g., forklifts) related to the proposed Project.

The primary emissions associated with the Project are regional in nature, meaning air pollutants rapidly dispersed on release, or vehicle emissions.

The annual emissions associated with Project operational trip generation, energy, and area sources are identified below in Table 4. As shown, the Project would not exceed the significance criteria for annual ROG, NO_x, CO, SO_x, PM-2.5, or PM-10 emissions. As a result, the proposed Project would not have a significant effect on regional air quality. Operation of the Project would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project is nonattainment under applicable CAAQS or NAAQS, and impacts are less than significant.

The Project would be required to implement District Rule 9510 Indirect Source Review as the Project would develop more than the 100,000 sf of industrial space threshold. Implementation of Rule 9510 would reduce operational emissions of NO_x and PM-10 by 33.3 percent and 50 percent, respectively. The Project Applicant must submit an Air Impact Assessment to the SJVAPCD consistent with Rule 9510 prior to obtaining building permits. Therefore, impacts are less than significant, requiring no mitigation.

Table 4: Proposed Project Operational Emissions

Emission Type	**Pollutant Emissions (tons/day)**					
	ROG	**NO_x**	**CO**	**SO_x**	**PM-10**	**PM-2.5**
Area Source	1.1	<0.1	<0.1	0.0	<0.1	<0.1
Energy Source	<0.1	0.2	0.2	<0.1	<0.1	<0.1
Mobile Sour–e - Vehicles	0.4	0.6	5.5	<0.1	1.6	0.4
Mobile Sour–e - Trucks	0.1	8.2	1.1	0.1	2.1	0.7
Off-Road Sources	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Project Emissions	**1.6**	**9.0**	**6.8**	**0.1**	**3.7**	**1.1**
SJVAPCD Thresholds	10.0	10.0	100.0	27.0	15.0	15.0
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: LSA Associates, Inc., 2022 (Appendix A)

As a result of the Project's construction and operational emissions not exceeding the SJVAPCD Thresholds, the proposed Project would not have a significant effect on regional air quality and impacts are considered to be less than significant, requiring no mitigation. No new impacts related to generation of cumulatively considerable net increase of any criteria pollutant during construction would occur.

c) Expose sensitive receptors to substantial pollutant concentrations?

No New Impact. The GP PEIR determined the GP Update would have a significant and unavoidable impact with mitigation incorporated (MM AIR-2.1 through -4.1) regarding this topic.

According to the AQ/HR/GHG/Energy Study, the closest sensitive receptors are residential uses located more than 1,500 feet from the Project site to the west along S. Cherry Avenue and the nearest worker receptors are located adjacent to the north, east, south, and west borders of the Project site.

The Health Risk Assessment (HRA) evaluated Project related construction-period health risks to off-site receptors as seen in Table 5. Results of the analysis assumed the use of Tier 2 construction equipment to the nearest sensitive receptors.

Table 5: Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	1.07	0.059	0.000
Sensitive Receptor Risk	5.21	0.005	0.000
SJVAPCD Significance Threshold	**20**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (April 2022).
SJVAPCD = San Joaquin Valley Air Pollution Control District

As shown in Table 5, the maximum cancer risk for the sensitive receptor would be 5.21 in one million, less than the threshold of 20 in one million. The worker receptor risk would be lower at 1.07 in one million. The total chronic hazard index would be 0.059 for the worker receptor and 0.005 for the sensitive receptor, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from construction-related emissions of TACs would be below the SJVAPCD's HRA thresholds. No significant health risk would occur from Project construction emissions. No new impacts related to health risks from TACs during construction would occur.

According to the HRA, the potential operational health risk to people living and working near the proposed Project are associated with the exhaust of diesel-powered trucks and equipment. The carcinogenic and chronic health risks from the proposed Project are shown in Table 6. The residential risk incorporates both the risk for a child living in a nearby residence for 9 years (the standard period of time for child risk) and an adult living in a nearby residence for 70 years (considered a conservative period of time for an individual to live in any one residence).

Table 6: Health Risks from Project Operation to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	3.04	0.006	0.000
Sensitive Receptor Risk	1.39	0.000	0.000
SJVAPCD Significance Threshold	**20**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (April 2022).
SJVAPCD = San Joaquin Valley Air Pollution Control District

As shown in Table 6, the maximum cancer risk for the sensitive receptor would be 3.04 in one million, less than the threshold of 20 in one million. The worker receptor risk would be lower at 1.39 in one million. The total chronic hazard index would be 0.006 for the worker receptor and nominal (0.000) for the sensitive receptor, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from operation-related emissions of TACs would be well below the SJVAPCD's HRA thresholds. As such, the Project will not cause a significant human health or cancer risk to nearby residences, requiring no mitigation. No new impacts related to health risks from TACs during operations would occur.

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

No New Impact. The GP PEIR determined the GP Update would have a less than significant impact with mitigation incorporated (MM AIR-4.1) regarding this topic.

Heavy-duty grading equipment is likely to be used within the Project site during construction and would emit odors, primarily from the equipment exhaust. However, the construction activity would cease to occur after individual construction is completed. Delivery trucks may occasionally emit odors, primarily from exhaust. However, the Air District limits vehicle idling times such that any exhaust odor would be temporary in nature and would disperse quickly. No other sources of objectionable odors have been identified for the Project, and no mitigation measures are required. No new impacts related to odors during construction would occur.

Furthermore, the SJVAPCD addresses odor criteria within the Guide for Assessing and Mitigating Air Quality Impacts (GAMAQI) and the district has not established a rule standard regarding odor emissions. The district has a nuisance rule stating "Any project with the potential to frequently expose members of the public to objectionable odors to be deemed to have a significant impact." Construction odor emission would be temporary and not frequent.

Project operations would not involve any activities that would emit objectionable odors and would not require odor control measures. As such, MM AIR-4.1 requiring an odor impact assessment is not applicable to the proposed Project. Therefore, objectionable odors affecting a substantial number of people would not occur as a result of the Project. No new impacts related to odors during operations would occur.

CONCLUSION

With regards to the issue area of Air Quality, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. Mitigation measures contained within the GP PEIR would be required to reduce Project specific impacts to less than significant, however impacts c and d are significant and unavoidable.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM AIR-2.1 Prior to future discretionary project approval, development project applicants shall prepare and submit to the Director of the City Planning and Development Department, or designee, a technical assessment evaluating potential project construction phase-related air quality impacts. The evaluation shall be prepared in conformance with SJVAPCD methodology for assessing construction impacts. If construction related air pollutants are determined to have the potential to exceed the SJVAPCD adopted threshold of significance, the Planning and Development Department shall require that applicants for new development projects incorporate mitigation measures into construction plans to reduce air pollutant emissions during construction activities. The identified measures shall be included as part of the Project Conditions of Approval. Possible mitigation measures to reduce construction emissions include but are not limited to:

- Install temporary construction power supply meters on site and use these to provide power to electric power tools whenever feasible. If temporary electric power is available on site, forbid the use of portable gasoline- or diesel-fueled electric generators.
- Use of diesel oxidation catalysts and/or catalyzed diesel particulate traps on diesel equipment, as feasible.
- Maintain equipment according to manufacturers' specifications.

- Restrict idling of equipment and trucks to a maximum of 5 minutes (per California Air Resources Board [CARB] regulation).
- Phase grading operations to reduce disturbed areas and times of exposure.
- Avoid excavation and grading during wet weather.
- Limit on-site construction routes and stabilize construction entrance(s).
- Remove existing vegetation only when absolutely necessary.
- Sweep up spilled dry materials (e.g., cement, mortar, or dirt track-out) immediately. Never attempt to wash them away with water.
- Use only minimal water for dust control.
- Store stockpiled materials and wastes under a temporary roof or secured plastic sheeting or tarp.

Status: MM AIR-2.1 satisfied by Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report, dated 2022 prepared by LSA Associates, Inc. and included as Appendix A.

MM AIR-2.2 Prior to future discretionary project approval, development project applicants shall prepare and submit to the Director of the City Planning and Development Department, or designee, a technical assessment evaluating potential project operation-related air quality impacts. The evaluation shall be prepared in conformance with SJVAPCD methodology in assessing air quality impacts. If operation-related air pollutants are determined to have the potential to exceed the SJVAPCD-adopted thresholds of significance, the Planning and Development Department shall require that applicants for new development projects incorporate mitigation measures to reduce air pollutant emissions during operational activities. The identified measures shall be included as part of the Project Conditions of Approval. Possible mitigation measures to reduce long-term emissions include but are not limited to:

- For site-specific development that requires refrigerated vehicles, the construction documents shall demonstrate an adequate number of electrical service connections at loading docks for plugging in the anticipated number of refrigerated trailers to reduce idling time and emissions.
- Applicants for manufacturing and light industrial uses shall consider energy storage (i.e., battery) and combined heat and power (CHP, also known as cogeneration) in appropriate applications to optimize renewable energy generation systems and avoid peak energy use.
- Site-specific developments with truck delivery and loading areas and truck parking spaces shall include signage as a reminder to limit idling of vehicles while parked for loading/unloading in accordance with CARB Rule 2845 (13 California Code of Regulations [CCR] Chapter 10, Section 2485).
- Require that 240-volt electrical outlets or Level 3 chargers be installed in parking lots that would enable charging of neighborhood electric vehicles (NEVs) and/or battery powered vehicles.

- Maximize use of solar energy including solar panels; installing the maximum possible number of solar energy arrays on building roofs throughout the city to generate solar energy.
- Maximize the planting of trees in landscaping and parking lots.
- Use light-colored paving and roofing materials.
- Require use of electric or alternatively fueled street-sweepers with HEPA filters.
- Require use of electric lawn mowers and leaf blowers.
- Utilize only Energy Star heating, cooling, and lighting devices, and appliances.
- Use of water-based or low volatile organic compound (VOC) cleaning products.

Status: MM AIR-2.2 satisfied by Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report, dated 2022 prepared by LSA Associates, Inc. and included as Appendix A.

MM AIR-3.1 Prior to future discretionary approval for projects that require environmental evaluation under CEQA, the City of Fresno shall evaluate new development proposals for new industrial or warehousing land uses that: (1) have the potential to generate 100 or more truck trips per day or have 40 or more trucks with operating diesel-powered transport refrigeration units, and (2) are within 1,000 feet of a sensitive land use (e.g., residential, schools, hospitals, or nursing homes), as measured from the property line of the project to the property line of the nearest sensitive use. Such projects shall submit a Health Risk Assessment (HRA) to the City Planning and Development Department. The HRA shall be prepared in accordance with policies and procedures of the most current State Office of Environmental Health Hazard Assessment (OEHHA) and the SJVAPCD. If the HRA shows that the incremental health risks exceed their respective thresholds, as established by the SJVAPCD at the time a project is considered, the Applicant will be required to identify and demonstrate that best available control technologies for toxics (T-BACTs), including appropriate enforcement mechanisms to reduce risks to an acceptable level. T-BACTs may include, but are not limited to:

- Restricting idling on site or electrifying warehousing docks to reduce diesel particulate matter;
- Requiring use of newer equipment and/or vehicles;
- Provide charging infrastructure for: electric forklifts, electric yard trucks, local drayage trucks, last mile delivery trucks, electric and fuel-cell heavy duty trucks; and/or
- Install solar panels, zero-emission backup electricity generators, and energy storage to minimize emissions associated with electricity generation at the project site.

T-BACTs identified in the HRA shall be identified as mitigation measures in the environmental document and/or incorporated into the site plan.

Status: MM AIR-3.1 satisfied by Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report, dated 2022 prepared by LSA Associates, Inc. and included as Appendix A.

MM AIR-3.2 Locate sensitive land uses (e.g., residences, schools, and daycare centers) to avoid incompatibilities with recommended buffer distances identified in the most current version of the CARB Air Quality and Land Use Handbook: A Community Health Perspective (CARB Handbook). Sensitive land uses that are within the recommended buffer distances listed in the CARB Handbook shall provide enhanced filtration units or submit a Health Risk Assessment (HRA) to the City. If the HRA shows that the project would exceed the applicable SJVAPCD thresholds, mitigation measures capable of reducing potential impacts to an acceptable level must be identified and approved by the City.

Status: MM AIR-3.2 satisfied by Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report, dated 2022 prepared by LSA Associates, Inc. and included as Appendix A.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
IV. BIOLOGICAL RESOURCES – Would the project:					
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	☐	☐	☐	☐	☒
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	☐	☐	☐	☐	☒
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☐	☒

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☐	☒
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☐	☒
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed impacts to biological resources in Section 4.4. The GP PEIR analyzed the biological resources that are known to occur within the Planning Area, including vegetation communities, special-status plant and wildlife species and their associated habitats, and special-status natural communities, including riparian communities and wetlands. The study area for the GP PEIR included the Planning Area and areas within an approximately 5-mile-radius because implementation of the GP could have either direct or indirect effects on biological resources occurring within these areas. The GP PEIR also analyzed potential cumulative impacts from the eight counties that are located within the San Joaquin Valley; all of Kings County, most of Fresno, Kern, Merced, and Stanislaus counties, and portions of Madera, San Luis Obispo, and Tulare counties.

The GP PEIR determined that impacts to sensitive plant and animal species including suitable habitat could potentially occur from build out of the GP, and it was acknowledged that future projects may not be able to avoid such impacts. However, it was determined that buildout of

the GP Planning area was less than significant with implementation of the following the GP objectives and policies including GP PEIR MM BIO-1.1 through -3.2. Additionally, future projects would be required to implement GP objectives and policies (including project design features) and implement project-level mitigation that will reduce potential project-specific impacts to special-status species and their associated habitats. According to the GP PEIR, development facilitated by the proposed GP would largely avoid impacts to wildlife movement corridors by emphasizing intensification/reuse of existing urbanized areas. Additionally, development under the GP would be in substantial conformance with federal, state, and local applicable policies protecting biological resources and the GP would not conflict with the provisions of any adopted local, regional, or state habitat conservation plan.

GP GOALS AND POLICIES

The following GP goals and policies pertain to the Project's biological resources:

Policy POSS-5-a. Habitat Area Acquisition. Support state, federal, and local programs to acquire significant habitat areas for permanent protection and/or conjunctive educational and recreational use.

Policy POSS-5-b. Habitat Conservation Plans. Participate in cooperative, multi-jurisdictional approaches for area-wide habitat conservation plans to preserve and protect rare, threatened, and endangered species.

Policy POSS-5-c. Buffers for Natural Areas. Require development projects, where appropriate and warranted, to incorporate natural features (such as ponds hedgerows and wooded strips) to serve as buffers for adjacent natural areas with high ecological value.

Policy POSS-5-d. Guidelines for Habitat Conservation. Establish guidelines for habitat conservation and mitigation programs. These programs will include:

- An evaluation of the site's environmental setting and proposed design and operating parameters of proposed mitigation measures.
- A graphic depiction of land to be acquired or set aside for mitigation activities.
- Mitigation site preparation plans.
- Specification of the types and sources of plant material used for any revegetation.
- Water irrigation plans.
- Post-planting maintenance and other operational measures to ensure successful mitigation.
- Monitoring at an appropriate frequency by qualified personnel and reporting of data collected
- to permitting agencies.

Policy POSS-5-e. Pursue development of conjunctive habitat and recreational trail uses in flood control and drainage projects.

Policy POSS-5-f. Regional Mitigation and Habitat Restoration. Coordinate habitat restoration programs with responsible agencies to take advantage of opportunities for a coordinated regional mitigation program.

Policy POSS-6-b. Effects of Stormwater Discharge. Support efforts to identify and mitigate cumulative adverse effects on aquatic life from stormwater discharge to the San Joaquin River.

- Discharge of run off from industrial and commercial land uses to the San Joaquin River or other riparian corridors shall be avoided.
- Approve development on sites having drainage (directly or indirectly) to the San Joaquin River or other riparian areas upon a finding that adequate measures for preventing pollution of natural bodies of water from their runoff will be implemented.
- Periodically monitor water quality and sediments near drainage out falls to riparian areas. If unacceptable levels of contaminant(s) occur, remedial measures shall be promptly instituted.

GP PEIR MITIGATION MEASURES

MM BIO - 1.1 Construction of a proposed project shall avoid, where possible, vegetation communities that provide suitable habitat for a special-status species known to occur within the Planning Area. If construction within potentially suitable habitat must occur, the presence/absence of any special-status plant or wildlife species must be determined prior to construction, to determine if the habitat supports any special-status species. If a special-status species are determined to occupy any portion of a project site, avoidance and minimization measures shall be incorporated into the construction phase of a project to avoid direct or incidental take of a listed species to the greatest extent feasible.

MM BIO - 1.2 Direct or incidental take of any state or federally listed species shall be avoided to the greatest extent feasible. If construction of a proposed project will result in the direct or incidental take of a listed species, consultation with the resources agencies and/or additional permitting may be required. Agency consultation through the CDFW 2081 and USFWS Section 7 or Section 10 permitting processes shall take place prior to any action that may result in the direct or incidental take of a listed species. Specific mitigation measures for direct or incidental impacts to a listed species will be determined on a case-by-case basis through agency consultation.

MM BIO - 1.3 Development within the Planning Area shall avoid, where possible, special-status natural communities and vegetation communities that provide suitable habitat for special-status species. If a proposed project will result in the loss of a special-status natural community or suitable habitat for special-status species, compensatory habitat-based mitigation is required under CEQA and

CESA. Mitigation shall consist of preserving on-site habitat, restoring similar habitat or purchasing off-site credits from an approved mitigation bank. Compensatory mitigation shall be determined through consultation with the City and/or resource agencies. An appropriate mitigation strategy and ratio shall be agreed upon by the developer and lead agency to reduce project impacts to special-status natural communities to a less than significant level. Agreed-upon mitigation ratios shall depend on the quality of the habitat and presence/absence of a special-status species. The specific mitigation for project level impacts shall be determined on a case-by-case basis.

MM BIO - 1.4 Proposed projects within the Planning Area should avoid, if possible, construction within the general nesting season of February through August for avian species protected under Fish and Game Code 3500 and the Migratory Bird Treaty Act (MBTA), if it is determined that suitable nesting habitat occurs on a project site. If construction cannot avoid the nesting season, a pre-construction clearance survey shall be conducted by a qualified biologist to determine if any nesting birds or nesting activity is observed on or within 500-feet of a project site. If an active nest is observed during the survey, a biological monitor shall be on site to ensure that no proposed project activities would impact the active nest. A suitable buffer shall be established around the active nest until the nestlings have fledged and the nest is no longer active. Project activities may continue in the vicinity of the nest only at the discretion of the biological monitor. Prior to commencement of grading activities and issuance of any building permits, the Director of the City of Fresno Planning and Development Department, or designee, shall verify that all proposed project grading and construction plans include specific documentation regarding the requirements of the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code Section 3503, that preconstruction surveys have been completed and the results reviewed by staff, and that the appropriate buffers (if needed) are noted on the plans and established in the field.

MM BIO - 2.1 A pre - construction clearance survey shall be conducted by a qualified biologist to determine if a proposed project will result in the removal or impact to any riparian habitat and/or a special - status natural community with potential to occur in the Planning Area, compensatory habitat - based mitigation shall be required to reduce project impacts. Compensatory mitigation must involve the preservation or restoration or the purchase of off - site mitigation credits for impacts to riparian habitat and/or a special - status natural community. Mitigation must be conducted in - kind or within an approved mitigation bank in the region. The specific mitigation ratio for habitat - based mitigation shall be determined through consultation with the appropriate agency (i.e., CDFW or USFWS) on a case - by - case basis. The project applicant/developer for a proposed project shall develop and implement appropriate mitigation regarding impacts on their respective jurisdictions.

MM BIO - 2.2 A pre - construction clearance survey shall be conducted by a qualified biologist to determine if a proposed project will result in significant impacts to streambeds or waterways protected under Section 1600 of Fish and Wildlife Code and Section 404 of the CWA. The project applicant/developer for a proposed project shall consult with partner agencies such as CDFW and/or USACE to develop and implement appropriate mitigation regarding impacts on their respective jurisdictions, determination of mitigation strategy, and regulatory permitting to reduce impacts, as required for projects that remove riparian habitat and/or alter a streambed or waterway. The project applicant/developer shall implement mitigation as directed by the agency with jurisdiction over the particular impact identified.

MM BIO - 2.3 Prior to project approval, a pre - construction clearance survey shall be conducted by a qualified biologist to determine if a proposed project will result in project - related impacts to riparian habitat or a special - status natural community or if it may result in direct or incidental impacts to special - status species associated with riparian or wetland habitats. The project applicant/developer for a proposed project shall be obligated to address project - specific impacts to special - status species associated with riparian habitat through agency consultation, development of a mitigation strategy, and/or issuing incidental take permits for the specific special - status species, as determined by the CDFW and/or USFWS.

MM BIO - 3.1 If a proposed project will result in the significant alteration or fill of a federally protected wetland, a formal wetland delineation conducted according to USACE accepted methodology is required for each project to determine the extent of wetlands on a project site. The delineation shall be used to determine if federal permitting and mitigation strategy are required to reduce project impacts. Acquisition of permits from USACE for the fill of wetlands and USACE approval of a wetland mitigation plan would ensure a “no net loss” of wetland habitat within the Planning Area. Appropriate wetland mitigation/creation shall be implemented in a ratio according to the size of the impacted wetland.

MM BIO-3.2 In addition to regulatory agency permitting, Best Management Practices identified from a list provided by the USACE shall be incorporated into the design and construction phase of the project to ensure that no pollutants or siltation drain into a federally protected wetland. Project design features such as fencing, appropriate drainage and incorporating detention basins shall assist in ensuring project-related impacts to wetland habitat are minimized to the greatest extent feasible.

PROJECT-SPECIFIC IMPACTS

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM BIO-1.1 through -1.4) regarding this topic.

The Project site consists of highly disturbed and previously grubbed and cleared vacant land that is surrounded by industrial and commercial development. A *Biological Technical Memo* (BTM) (Appendix C) was prepared pursuant to MM BIO-1.1 through 1.4 and determined the Project site contained no drainages, and no sensitive species were observed during site surveys. The Project site is within an Irrigated Row and Field Crops designation according to Exhibit 5.4-A, Vegetation Communities Map Index in the GP PEIR. As defined in the GP PEIR, irrigated row and field crops contain active agriculture and are significantly disturbed. Therefore, such designation does not provide suitable habitat for any special-status plant species and limited habitat for special-status wildlife species. Furthermore, the Project site is not identified within an area of special-status wildlife species or special-status plant species and critical habitat.

The BTM concluded that no significant ecological areas or land preserves are on or adjacent to the Project site. In addition, no species of significance were observed during the site visit. There was no sign of kangaroo rats, kit fox, or blunt nosed leopard lizard habitat. As a result, MM BIO-1.1 through 1.4 are not applicable to the proposed Project. Therefore, the Project would have no impacts and no new impacts on any species identified as a candidate, sensitive, or special status species.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM BIO-2.1 through -2.3) regarding this topic.

As discussed above, the Project site is disturbed vacant land. As previously stated, the Project site is not identified within an area of special-status wildlife species or special-status plant species and critical habitat.

The nearest sensitive habitat to the Project site are two Lacustrine designations; 0.2 miles to the west and 1.3 miles to the northwest. As defined in the GP PEIR, “Lacustrine communities consist of standing/open waters in topographic depressions (i.e., lakes) or dammed river channels. Lacustrine communities lack persistent emergent vegetation but may have submerged or floating-leaved aquatic vegetation. Generally, lacustrine systems are surrounded by hydrophytic plants, grasses, and trees.” However, the Project does not propose alteration or impacts to these offsite Lacustrine areas. In satisfaction of MM BIO-2.1 through

-2.3, the BTM substantiates there that the Project does not contain riparian habitat and/or a special‐status natural community. Therefore, the Project would result in no new impact on riparian habitat or other sensitive natural communities.

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?

No New Impact The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM BIO-3.1 through -3.2) regarding this topic.

As discussed above, the Project site is fully disturbed vacant land. The BTM substantiates that the Project site does not include drainages or wetlands. As such, MM BIO- 3.1 and BIO-3.2 do not apply to the proposed Project. Therefore, the Project would result in no new impact on riparian habitat or other sensitive natural community.

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?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant regarding this topic

As discussed above, the Project site is fully disturbed vacant land. The Project site does not contain established native resident or migratory wildlife corridors and is not used as a native wildlife nursery site. The Project site is bordered by industrial and commercial development and would not result in impacts to migratory fish species. The Project site includes Russian thistle and Red brome, an invasive species that would be removed as part of the Project. MM BIO-1.4 applies to the Project and a pre-construction nesting bird survey would be required if clearing and grubbing of such vegetation occurs during the nesting bird season to ensure construction activities would not result in the disturbance of nesting migratory species covered under the Migratory Bird Treaty Act (MBTA). Therefore, a preconstruction nesting bird survey is not required. The Project would result in no new impact on migratory fish or wildlife species.

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

No New Impact. This topic was evaluated in the GP PEIR and was determined to be less than significant. As analyzed in the GP PEIR, future development would be required to comply with Article 3 of Section 13 of the FMC. The FMC requires preservation of trees within public property, including parkways, to beautify the City, purify its air, and provide shade for its inhabitants. No new impacts related to consistency with the City's public tree ordinance would occur as the site is vacant consisting of only weeds and grass.

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?

No New Impact. The GP PEIR determined the GP Update would result in no impact regarding this topic.

As concluded in the GP PEIR, the City of Fresno Planning Area is not located within the boundaries of any approved or draft Habitat Conservation Plan (HCP), Natural Community Conservation Plan (NCCP), or other adopted local, regional or state HCP. Therefore, development of the Project will not result in any impacts to an adopted HCP or NCCP. Therefore, the Project would result in no new impact associated with consistency with habitat conservation plans.

CONCLUSION

With regards to the issue area of Biological Resources, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM BIO-1.4 Proposed projects within the Planning Area should avoid, if possible, construction within the general nesting season of February through August for avian species protected under Fish and Game Code 3500 and the Migratory Bird Treaty Act (MBTA), if it is determined that suitable nesting habitat occurs on a project site. If construction cannot avoid the nesting season, a pre-construction clearance survey shall be conducted by a qualified biologist to determine if any nesting birds or nesting activity is observed on or within 500-feet of a project site. If an active nest is observed during the survey, a biological monitor shall be on site to ensure that no proposed project activities would impact the active nest. A suitable buffer shall be established around the active nest until the nestlings have fledged and the nest is no longer active. Project activities may continue in the vicinity of the nest only at the discretion of the biological monitor. Prior to commencement of grading activities and issuance of any building permits, the Director of the City of Fresno Planning and Development Department, or designee, shall verify that all proposed project

grading and construction plans include specific documentation regarding the requirements of the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code Section 3503, that preconstruction surveys have been completed and the results reviewed by staff, and that the appropriate buffers (if needed) are noted on the plans and established in the field.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
V. CULTURAL RESOURCES – Would the project:					
a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?	☐	☐	☐	☐	☒
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	☐	☐	☐	☐	☒
c) Disturb any human remains, including those interred outside of formal cemeteries?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed impacts to cultural resources in Section 4.5. According to the GP PEIR, the GP Planning Area contains several designated historic resources that may be affected by development under the GP. Although many areas have been previously disturbed by farming activities or previous structural development, future development within the Planning Area will impact such resources. In addition, required excavation or construction activities for projects within the Planning Area will potentially occur in undisturbed soils. Further stated in the GP PEIR, only 0.3 percent of the Planning Area has been surveyed by a professional archaeologist, therefore the prehistoric archaeological sensitivity of the majority of the Planning Area is uncertain and impacts were considered significant. However, the GP PEIR concluded that impacts to cultural resources would be less than significant with mitigation incorporated (MM CUL-1.1, -2, and -3 seen below). All projects in the City are subject to CEQA review, which would include evaluation of potential Project-related impacts to national or California Register-listed properties.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's cultural resources:

Objective HCR-1. Maintain a comprehensive, citywide preservation program to identify, protect and assist in the preservation of Fresno's historic and cultural resources.

Policy HCR-1-c. Historic Preservation Ordinance. Maintain the provisions of the City's Historic Preservation Ordinance, as may be amended, and enforce the provisions as appropriate.

Objective HCR-2: Identify and preserve Fresno's historic and cultural resources which reflect important cultural, social, economic and architectural features so that community residents will have a foundation upon which to measure and direct physical change.

Policy HCR-2-a: Identification and Designation of Historic Properties. City staff and the Historic Preservation Commission shall work in tandem to identify potential historic resources and districts and to prepare nomination forms for Fresno's Local Register of Historic Resources. Historic resources may include not only buildings but also structures, objects and sites, as well as cultural and historic landscapes and traditional cultural properties (as defined by the National Park Service) – examples include farm complexes, canal systems, signage, gardens, infrastructure such as lighting and street furniture, and landscaped boulevards. As appropriate, resources may be forwarded to the State Historical Resources Commission for consideration for the California Register of Historical Resources and/or the National Register of Historic Places.

Policy HCR-2-b: Historic Surveys. Prepare historic surveys according to California Office of Historic Preservation protocols, as funding is available. Prioritize the survey of resources located on parcels within the Bus Rapid Transit corridors slated for development and intensification.

Policy HCR-2-c: Project Development. Prior to project approval, a subject parcel and its Area of Potential Effects (APE), without benefit of a prior historic survey, will be evaluated and reviewed for the potential for historical and/or cultural resources by a professional who meets the Secretary of Interior's Qualifications. Survey costs shall be the responsibility of the project developer.

Policy HCR-3-c: Context Sensitive Design. Work with the development and planning communities to ensure that infill development is context sensitive in its design, massing, set-backs, color, and architectural detailing.

GP PEIR MITIGATION MEASURES

MM CUL-1.1 If previously unknown resources are encountered before or during grading activities, construction shall stop in the immediate vicinity of the find and a qualified historical resources specialist shall be consulted to determine whether the resource requires further study. The qualified historical resources specialist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to

excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines and the City's Historic Preservation Ordinance. If the resources are determined to be unique historical resources as defined under Section 15064.5 of the CEQA Guidelines, measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.

No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any historical artifacts recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.

MM CUL-2 Subsequent to a preliminary City review of the Project grading plans, if there is evidence that a Project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for prehistoric archaeological resources shall be conducted. The following procedures shall be followed.

If prehistoric resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that buried prehistoric archaeological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified archaeologist shall be consulted to determine whether the resource requires further study. The qualified archaeologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. If the resources are determined to be unique prehistoric archaeological resources as defined under Section 15064.5 of the CEQA Guidelines, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any prehistoric archaeological artifacts recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.

If prehistoric resources are found during the field survey or literature review, the resources shall be inventoried using appropriate State record forms and submit the forms to the Southern San Joaquin Valley Information Center. The resources

shall be evaluated for significance. If the resources are found to be significant, measures shall be identified by the qualified archaeologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include an archaeological monitor. The monitoring period shall be determined by the qualified archaeologist. If additional prehistoric archaeological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.

MM CUL-3 In the event that human remains are unearthed during excavation and grading activities of any future development project, all activity shall cease immediately. Pursuant to Health and Safety Code (HSC) Section 7050.5, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98(a). If the remains are determined to be of Native American descent, the coroner shall within 24 hours notify the Native American Heritage Commission (NAHC). The NAHC shall then contact the most likely descendent of the deceased Native American, who shall then serve as the consultant on how to proceed with the remains. Pursuant to PRC Section 5097.98(b), upon the discovery of Native American remains, the landowner shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located is not damaged or disturbed by further development activity until the landowner has discussed and conferred with the most likely descendants regarding their recommendations, if applicable, taking into account the possibility of multiple human remains. The landowner shall discuss and confer with the descendants all reasonable options regarding the descendants' preferences for treatment.

PROJECT-SPECIFIC IMPACTS

a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM CUL-1.1 and 1.2) regarding this topic.

CEQA defines a historical resource as something that meets one or more of the following criteria: (1) listed in, or determined eligible for listing in, the California Register of Historical Resources; (2) listed in a local register of historical resources as defined in Public Resources Code (PRC) Section 5020.1(k); (3) identified as significant in a historical resource survey meeting the requirements of PRC Section 5024.1(g); or (4) determined to be a historical

resource by a project's Lead Agency (PRC Section 21084.1 and CEQA Guidelines Section 15064.5[a]).

The California Register defines a "historical resource" as a resource that meets one or more of the following criteria: (1) associated with events that have made a significant contribution to the broad patterns or local or regional history of the cultural heritage of California or the United States; (2) associated with the lives of persons important to local, California, or national history; (3) embodies the distinctive characteristics of a type, period, region, or method of construction or represents the work of a master or possesses high artistic values; or (4) has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

As part of the environmental review process, and in satisfaction of MM CUL-1.1 and CUL-1.2, Brian F. Smith and Associates, Inc. (BFSA) prepared the Project's *Cultural Records Search Letter Report*, dated February 7, 2022 (Appendix B). A records search was requested from the Southern San Joaquin Valley Information Center (SSJVIC) at California State University, Bakersfield and was completed on January 31, 2022. In addition, the records search encompassed an area of one mile surrounding the Project.

The records search concluded that no resources had been recorded within the Project site, however, the search did identify 33 recorded resources within one mile of the Project parcels. All the previously recorded resources are historic and include 30 historic buildings (mostly single-family residences), one historic railroad alignment, the historic Central Canal, and the historic Bowles farming community district. The closest resources to the Project site consist of an ancillary barn building (P-10-004650), approximately 500 feet north at 2943 S. East Avenue, and an industrial repair yard (P-10-004652), approximately 350 feet east at 1038 E. North Avenue. The BFSA study concluded no resources have ever been recorded within the Project site. In addition, the site is undeveloped. Therefore, development of the Project site would not result in a new impact related to an adverse change in the significance of a historic resource.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM CUL-2) regarding this topic.

According to the *Phase I Environmental Site Assessment* (Appendix D), dated November 2021, performed by Atlas, review of historical records and aerial photographs, the Project site was used for agriculture and included a small cluster of rural residences in the northeast corner of the site through 1998. The cluster of residences were likely demolished in late 1998 or 1999, and sometime in 2000 the sites agriculture (rows of crops) was cleared. Since 2001, the Project site has been undeveloped. The Project site is within an irrigated row and field crops designation which includes sites in active agriculture as well as sites that are significantly disturbed. Based on the Project's Cultural Records Search Letter Report, the

previously recorded resources in the Project vicinity are historic and include 30 historic buildings, one historic railroad alignment, the historic Central Canal, and the historic Bowles farming community district. Therefore, as the site has been heavily disturbed in its current state and repeatedly during its agriculture uses and there are no archeological resources recorded within a mile of the Project site, there is limited potential for the Project to impact archeological resources.

However, because the previous cluster of rural residences through 1998, there is potential for archaeological resources to be inadvertently uncovered during Project construction and grading. As a result, MM CUL-1.1 and CUL-2 apply to the Project and state that if buried historic or prehistoric archaeological resources encountered during construction, work shall stop in the vicinity and a qualified archaeologist or historical resources specialist shall be consulted to determine whether the resource requires further study and take further appropriate action. Similar to the GP PEIR, with implementation of MM CUL-1.1 and CUL-2 would reduce Project impacts to less than significant.

Therefore, the Project would result in no new impacts related to adverse change in the significance of an archaeological resource.

c) Disturb any human remains, including those interred outside of formal cemeteries?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM CUL-3) regarding this topic.

The Project site does not contain a cemetery, and no known formal cemeteries are located within the immediate vicinity of the Project site. Nevertheless, should human remains be unearthed during grading and excavation activities associated with Project development, the construction contractor would be required by California law to comply with California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98. According to Section 7050.5(b) and (c), if human remains are discovered, the County Coroner must be contacted to determine the proper course of disposition. If the Coroner recognizes the human remains to be those of a Native American or has reason to believe that they are those of a Native American, the Coroner is required to contact the NAHC by telephone within 24 hours. Pursuant to California Public Resources Code Section 5097.98, whenever the NAHC receives notification of a discovery of Native American human remains from a county coroner, the NAHC is required to immediately notify those persons it believes to be most likely descended from the deceased Native American. The descendants may, with the permission of the owner of the land, or his or her authorized representative, inspect the site of discovery of the Native American human remains and may recommend to the owner or the person responsible for the excavation work means for treatment or disposition, with appropriate dignity, of the human remains and any associated grave goods. The descendants shall complete their inspection and make recommendations or preferences for treatment within 48 hours of being granted access to the site. According to Public Resources Code Section 5097.98(k), the NAHC is authorized to mediate disputes arising between landowners and known descendants relating to the treatment and disposition of Native American human burials, skeletal remains, and

items associated with Native American burials.

Through mandatory compliance with California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98 and implementation of MM CUL-3 (if remains found), the Project would not result in significant impacts to human remains, and impacts would be less than significant. Therefore, the Project would result in no new impact related to disturbance of human remains.

CONCLUSION

With regards to the issue area of cultural resources, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. Feasible mitigation measures contained within the GP PEIR (CUL-1.1, -2, and -3) would be applied to the Project. These mitigation measures, detailed below, require monitoring for archaeological and paleontological resources.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM CUL-1.1 If previously unknown resources are encountered before or during grading activities, construction shall stop in the immediate vicinity of the find and a qualified historical resources specialist shall be consulted to determine whether the resource requires further study. The qualified historical resources specialist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines and the City's Historic Preservation Ordinance. If the resources are determined to be unique historical resources as defined under Section 15064.5 of the CEQA Guidelines, measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds.

No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any historical artifacts recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.

MM CUL-1.2 Prior to approval of any discretionary project that could result in an adverse change to a potential historic and/or cultural resource, the City shall require a site-specific evaluation of historic and/or cultural resources by a professional who meets the Secretary of Interior's Qualifications. The evaluation shall provide recommendations to mitigate potential impacts to historic and/or cultural resources and shall be approved by the Directory of Planning and Development.

Status: CUL-1.2 is satisfied Cultural Records Search Letter Report, dated February 7, 2022 prepared by Brian F. Smith and Associates, Inc. and included as Appendix B.

MM CUL-2 Subsequent to a preliminary City review of the Project grading plans, if there is evidence that a Project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for prehistoric archaeological resources shall be conducted. The following procedures shall be followed.

If prehistoric resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that buried prehistoric archaeological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified archaeologist shall be consulted to determine whether the resource requires further study. The qualified archaeologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to excavation of the finds and evaluation of the finds in accordance with Section 15064.5 of the CEQA Guidelines. If the resources are determined to be unique prehistoric archaeological resources as defined under Section 15064.5 of the CEQA Guidelines, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any prehistoric archaeological artifacts recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long-term preservation to allow future scientific study.

If prehistoric resources are found during the field survey or literature review, the resources shall be inventoried using appropriate State record forms and submit the forms to the Southern San Joaquin Valley Information Center. The resources shall be evaluated for significance. If the resources are found to be significant, measures shall be identified by the qualified archaeologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open

space, or data recovery excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include an archaeological monitor. The monitoring period shall be determined by the qualified archaeologist. If additional prehistoric archaeological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.

MM CUL-3 In the event that human remains are unearthed during excavation and grading activities of any future development project, all activity shall cease immediately. Pursuant to Health and Safety Code (HSC) Section 7050.5, no further disturbance shall occur until the County Coroner has made the necessary findings as to origin and disposition pursuant to PRC Section 5097.98(a). If the remains are determined to be of Native American descent, the coroner shall within 24 hours notify the Native American Heritage Commission (NAHC). The NAHC shall then contact the most likely descendent of the deceased Native American, who shall then serve as the consultant on how to proceed with the remains. Pursuant to PRC Section 5097.98(b), upon the discovery of Native American remains, the landowner shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located is not damaged or disturbed by further development activity until the landowner has discussed and conferred with the most likely descendants regarding their recommendations, if applicable, taking into account the possibility of multiple human remains. The landowner shall discuss and confer with the descendants all reasonable options regarding the descendants' preferences for treatment.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
VI. ENERGY – Would the project:					
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☐	☒
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR specifically analyzed impacts related to wasteful, inefficient, or unnecessary consumption of energy resources according to the threshold in the State CEQA Guidelines Appendix G. It was concluded that implementation of the preceding GP objectives and policies within the Planning Area resulted in no impacts related to the inefficient, wasteful and unnecessary consumption of energy, and no mitigations were required.

GP GOALS AND POLICIES

The GP goals and policies that pertain to energy related impacts:

Policy LU-6-b: Commercial Development Guidelines. Adopt commercial development guidelines to assure high quality design and site planning for large commercial developments, consistent with the Urban Form policies of this Plan.

Policy RC-2-b: Provide Infrastructure for Mixed-Use and Infill. Promote investment in the public infrastructure needed to allow mixed-use and denser infill development to occur in targeted locations, such as expanded water and wastewater conveyance systems, complete streetscapes, parks and open space amenities, and trails. Discourage investment in infrastructure that would not meet these criteria.

Policy RC-8-a. Existing Standards and Programs. Continue existing beneficial energy conservation programs, including adhering to the California Energy Code in new construction and major renovations.

Policy RC-8-b. Energy Reduction Targets. Strive to reduce per capita residential electricity use to 1,800 kWh per year and non-residential electricity use to 2,700 kWh per year per capita by developing and implementing incentives, design and operation standards, promoting alternative energy source, and cost-effective savings.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

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

No New Impact.

The PEIR did not identify significant impacts related to the inefficient, wasteful and unnecessary consumption of energy.

Construction

As stated in the Project's *Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report* (Appendix A), construction of the proposed Project is anticipated to begin in September 2022 and end in March 2024, and would require energy for activities such as the manufacture and transportation of building materials, grading activities, and building construction. Construction of the proposed Project would require electricity to power construction-related equipment, however would not involve the consumption of natural gas. Furthermore, the construction-related equipment would not be powered by natural gas, and no natural gas demand is anticipated during construction. Table 7 lists the potential construction equipment to be used during Project construction under each phase of construction.

Table 7: Diesel Construction Equipment Utilized by Construction Phase

Construction Phase	Off-Road Equipment Type	Off-Road Equipment Unit Amount	Hours Used per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	247	0.40

	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.40
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
	Forklifts	3	8	89	0.20
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	8	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	8	78	0.48

Source: Compiled by LSA using CalEEMod defaults (April 2022).
CalEEMod = California Emissions Estimator Model

Transportation energy represents the largest energy use during construction and would occur from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction worker vehicles that would use petroleum fuels (e.g., diesel fuel and/or gasoline).

Estimates of fuel consumption (diesel fuel and gasoline) from construction equipment, construction trucks, and construction worker vehicles were based on default construction equipment assumptions and trip estimates from CalEEMod and fuel efficiencies from Emission Factor 2021 (EMFAC2021). Fuel consumption estimates are presented in Table 8. CalEEMod output sheets and detailed energy calculations are included in Appendix A.

Table 8: Proposed Project Energy Consumption Estimates during Construction

Energy Type	Total Energy Consumption	Percentage Increase Countywide
Diesel Fuel (total gallons)	291,240	0.19
Gasoline (total gallons)	74,964	0.02

Source: Compiled by LSA (April 2022).

As indicated in Table 8, the Project would consume approximately 291,240 gallons of diesel fuel and approximately 74,964 gallons of gasoline during construction. Based on fuel consumption obtained from EMFAC2021, approximately 376.0 million gallons of gasoline and approximately 157.0 million gallons of diesel will be consumed from vehicle trips in Fresno County in 2022. Therefore, construction of the proposed Project would increase the annual

construction generated fuel use in Fresno County by approximately 0.19 percent for diesel fuel usage and 0.02 percent for gasoline fuel usage. As such, Project construction would have a negligible effect on local and regional energy supplies. Impacts related to energy use during construction would be temporary and relatively small in comparison to Fresno County's overall use of the State's available energy resources. No unusual Project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the State. In addition, construction activities are not anticipated to result in an inefficient use of energy as gasoline and diesel fuel would be supplied by construction contractors who would conserve the use of their supplies to minimize their costs on the Project. The Project would not cause or result in the need for additional energy facilities or an additional or expanded delivery system. For these reasons, fuel consumption during construction would not be inefficient, wasteful, or unnecessary, therefore impacts are less than significant requiring no mitigation, and no new impact would occur.

Operation

As stated in the Project's *Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report* (Appendix A), operational energy use is typically associated with natural gas use, electricity consumption, and fuel used for vehicle trips associated with a project. Energy consumption was estimated for the proposed Project using default energy intensities by land use type in CalEEMod. The proposed Project would also result in energy usage associated with gasoline and diesel fuel consumed by Project-related vehicle and truck trips. Fuel use associated with vehicle and truck trips generated by the proposed Project was calculated based on the Project's *Trip Generation and Traffic Impact Study Screening Analysis* (Appendix H) and *VMT Screening Analysis* (Appendix I) which identifies that the proposed Project would generate approximately 481 average daily trips, including 321 vehicle trips and 160 truck trips. The amount of operational fuel use was estimated using CARB's EMFAC2021 model, which provided projections for typical daily fuel usage in Fresno County. Electricity, natural gas, and fuel usage estimates associated with the proposed Project are shown in Table 9.

Table 9: Proposed Project Energy Consumption Estimates during Operation

Energy Type	Annual Energy Consumption	Percentage Increase Countywide
Electricity Consumption (kWh/year)	2,492,730	0.03
Natural Gas Consumption (therms/year)	43,991	0.01
Automotive Fuel Consumption		
Gasoline (gallons/year)	134,448	0.04
Diesel Fuel (gallons/year)	545,668	0.35

Source: Compiled by LSA (April 2022).
kWh = kilowatt-hours

As shown in Table 9, the estimated potential increase in electricity demand associated with the operation of the proposed Project is 2,492,730 kilowatt-hours (kWh) per year. Total electricity demand in Fresno County in 2020 was approximately 8,018 GWh (8,017,830,742 kWh). Therefore, operation of the proposed Project would increase the annual electricity consumption in Fresno County by approximately 0.03 percent.

As shown in Table 9, the estimated potential increase in natural gas demand associated with the proposed Project is 43,991 therms per year. Total natural gas consumption in Fresno County in 2020 was approximately 326 million therms (325,915,257 therms). Therefore, operation of the proposed Project would negligibly increase the annual natural gas consumption in Fresno County by approximately 0.01 percent. Electrical and natural gas demand associated with Project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region. Furthermore, the proposed Project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. The Project would be required to adhere to all federal, State, and local requirements for energy efficiency, including the Title 24 standards. Title 24 building energy efficiency standards establish minimum efficiency standards related to various building features, including appliances, water and space heating and cooling equipment, building insulation and roofing, and lighting, which would reduce energy usage.

As shown in Table 9, fuel use associated with the vehicle trips generated by the proposed Project is estimated at 134,448 gallons of gasoline and 545,668 gallons of diesel fuel per year. This analysis conservatively assumes that all vehicle trips generated as a result of Project operation would be new to Fresno County. Based on fuel consumption obtained from EMFAC2021, approximately 376.0 million gallons of gasoline and approximately 157.0 million gallons of diesel will be consumed from vehicle trips in Fresno County in 2022. Therefore, vehicle and truck trips associated with the proposed Project would increase the annual fuel use in Fresno County by approximately 0.04 percent for gasoline fuel usage and approximately 0.35 for diesel fuel usage. Fuel consumption associated with vehicle trips generated by Project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region, therefore impacts are less than significant, requiring no mitigation, and no new impacts would occur.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

No New Impact. The GP PEIR concluded implementation of the GP would be consistent with applicable State and local plans related to renewable energy and energy efficiency, and no mitigation would be required. As previously described, the proposed Project would be required to meet the CCR Title 24 energy efficiency standards in effect during permitting of the Project. Additionally, the City has developed a Green Plan to reduce energy demand within the City. The GP also included policies targeted at increasing energy efficiency and encouraging use of renewable energies. As further discussed under Section 4.11, Land Use Planning, the Project was found to be consistent with all GP policies.

As stated in the Project's *Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report* (Appendix A), SB 1389 was passed in 2002, which required the CEC to develop an integrated energy plan every two years for electricity, natural gas, and transportation fuels for the Integrated Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles (ZEVs) and their infrastructure needs, and encouragement of urban designs that reduce VMT and accommodate pedestrian and bicycle access. The California Energy Commission (CEC) recently adopted the 2021 Integrated Energy Policy Report. The Integrated Energy Policy Report provides the results of the CEC's assessments of a variety of energy issues facing California.. Fresno Green—The City of Fresno's Strategy for Achieving Sustainability— was adopted in 2007 (Fresno Green). A project proposed as a Fresno Green project must have a minimum of 20 points spread over at least 5 of the major categories in either the Residential or Non-residential program. The proposed Project would is not seeking to become a certified Fresno Green project, but would include measures from the Fresno Green Non-Residential Checklist such as erosion controls during construction per SWPPP and installation of drought resistance/water efficient landscaping. Furthermore, the Project would install a minimum of 450kW of rooftop solar and would be consistent with CalRecycle Waste Diversion and Recycling Mandate for the diversion and reduction in accordance with the CAP.

As indicated above, energy usage on the Project site during construction would be temporary in nature and would be relatively small in comparison to the overall use in the County. In addition, energy usage associated with operation of the proposed Project would be relatively small in comparison to the overall use in Fresno County, and the State's available energy resources. Therefore, energy impacts at the regional level would be negligible. Due to California's energy conservation planning actions are conducted at a regional level, and because the proposed Project's total impact on regional energy supplies would be minor, the proposed Project would not conflict with or obstruct California's energy conservation plans as described in the CEC's Integrated Energy Policy Report. Additionally, as demonstrated above, the proposed Project would not result in the inefficient, wasteful, and unnecessary consumption of energy. Potential impacts related to conflict with or obstruction of a State or local plan for renewable energy or energy efficiency would be less than significant, requiring no mitigation is required, and no new impacts would occur.

CONCLUSION

With regards to the issue area of Energy, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.

4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
VII. GEOLOGY AND SOILS – Would the project:					
a) Directly or Indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:	☐	☐	☐	☐	☒
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☐	☒
ii) Strong seismic ground shaking?	☐	☐	☐	☐	☒
iii) Seismic-related ground failure, including liquefaction?	☐	☐	☐	☐	☒
iv) Landslides?	☐	☐	☐	☐	☒
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☐	☒
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	☐	☒

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	☐	☐	☐	☐	☒
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	☐	☒
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed impacts related to Geology and Soils in Section 4.7. The basic geologic setting of the GP Planning Area has not changed since certification of the GP PEIR. The GP PEIR found that all impacts related to geology, seismicity, and soils would be less than significant with required implementation of existing regulations, policies, and standard practices. Current California Building Code (CBC), Uniform Building Code (UBC), and the City's GP Development Code requirements and guidelines for buildings constructed in areas of high seismic risk. According to the GP PEIR, no mitigation measures were necessary, as the objectives and policies included in the proposed GP fully mitigate potential impacts associated with implementation of the GP, and any future infill development and urban expansion projects as a result.

The GP PEIR analyzed impacts related to paleontological resources in significance criteria GEO-6 (Section 4.7.6.1). The GP PEIR discussed that ground-disturbing activities in fossil-bearing soils and rock formations have the potential to damage or destroy paleontological resources that may be present below the ground surface. However, it concluded that with implementation of GP policies, impacts to paleontological resources would be less than significant with mitigation incorporated.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's impacts related to geology and soils:

Objective NS-2. Minimize risks of property damage and personal injury posed by geologic and seismic risks.

Policy NS-2-a. Seismic Protection. Ensure seismic protection is incorporated into new and existing construction, consistent with the Fresno Municipal Code.

Policy NS-2-b. Soil Analysis Requirement. Identify areas with potential geologic and/or soils hazards, and require development in these areas to conduct a soil analysis and mitigation plan by a registered civil engineer (or engineering geologist specializing in soil geology) prior to allowing on- site drainage or disposal for wastewater, stormwater runoff, or swimming pool/spa water.

Policy HS ‑ D.2. The County shall ensure that the General Plan and/or County Ordinance Code is revised, as necessary, to incorporate geologic hazard areas formally designated by the State Geologist (e.g., Earthquake Fault Zones and Seismic Hazard Zones). Development in such areas, including public infrastructure projects, shall not be allowed until compliance with the investigation and mitigation requirements established by the State Geologist can be demonstrated.

Policy HS ‑ D.3. The County shall require that a soils engineering and geologic ‑ seismic analysis be prepared by a California ‑ registered engineer or engineering geologist prior to permitting development, including public infrastructure projects, in areas prone to geologic or seismic hazards (i.e., fault rupture, groundshaking, lateral spreading, lurchcracking, fault creep, liquefaction, subsidence, settlement, landslides, mudslides, unstable slopes, or avalanche).

Policy HS ‑ D.4. The County shall require all proposed structures, additions to structures, utilities, or public facilities situated within areas subject to geologic ‑ seismic hazards as identified in the soils engineering and geologic ‑ seismic analysis to be sited, designed, and constructed in accordance with applicable provisions of the Uniform Building Code (Title 24 of the California Code of Regulations) and other relevant professional standards to minimize or prevent damage or loss and to minimize the risk to public safety.

Policy HS ‑ D.8. The County shall require a soils report by a California ‑ registered engineer or engineering geologist for any proposed development, including public infrastructure projects, that requires a County permit and is located in an area containing soils with high "expansive" or "shrinkswell" properties. Development in such areas shall be prohibited unless suitable design and construction measures are incorporated to reduce the potential risks associated with these conditions.

Policy HS‐D.9. The County shall seek to minimize soil erosion by maintaining compatible land uses, suitable building designs, and appropriate construction techniques. Contour grading, where feasible, and revegetation shall be required to mitigate the appearance of engineered slopes and to control erosion.

Policy HS‐D.11. The County shall not approve a County permit for new development, including public infrastructure projects where slopes are over thirty (30) percent unless it can be demonstrated by a California‐registered civil engineer or engineering geologist that hazards to public safety will be reduced to acceptable levels.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM GEO-6.1 Subsequent to a preliminary City review of the Project grading plans, if there is evidence that a Project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for unique paleontological/geological resources shall be conducted. The following procedures shall be followed:

If unique paleontological/geological resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that unique paleontological/geological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified paleontologist shall be consulted to determine whether the resource requires further study. The qualified paleontologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to, excavation of the finds and evaluation of the finds. If the resources are determined to be significant, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any paleontological/geological resources recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long- term preservation to allow future scientific study.

If unique paleontological/geological resources are found during the field survey or literature review, the resources shall be inventoried and evaluated for significance. If the resources are found to be significant, mitigation measures shall be identified by the qualified paleontologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data

recovery excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include a paleontological monitor. The monitoring period shall be determined by the qualified paleontologist. If additional paleontological/geological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.

PROJECT-SPECIFIC IMPACTS

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

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.

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As stated in the GP PEIR, there are a number of potentially active and active fault systems located around the GP Planning Area, however the Nunez Fault is the nearest approximately 48 miles southwest. In addition, the City is not in an Alquist Priolo fault zone and is not in an area where structures are at significant risk from fault rupture.

According to the Project's *Geotechnical Engineering Investigation* (Appendix E), the closest fault to the Project site is the Great Valley 13 (Coalinga) fault approximately 40 miles southwest of the Project site. Therefore, the Project would result in no new impacts on people or structures due to rupture of an earthquake fault in the Alquist Priolo fault zone.

ii. Strong seismic ground shaking?

No New Impact. The GP PEIR determined the GP Update would result in less than significant impact with implementation of Objective NS-2 and Policies NS-2-a through -d regarding this topic. As discussed previously, there are no potentially active and active fault systems located within and near the City, nor the Project site. The site is not within a currently established State of California Earthquake Fault Zone for surface fault rupture hazards. Therefore, the potential for surface rupture due to faulting occurring beneath the site during the design life of the proposed development is considered low. According to the Geotechnical Engineering Report, a site Class D was selected for the Project site based on soil conditions with standard, and Project foundation design are to be based on the 2019 CBC. However, similar to the GP PEIR, the Project will incorporate Objective NS-2 and Policies NS-2-a and -b. Therefore, the Project would result in no new impacts on people or structures due to strong seismic ground shaking.

iii. Seismic-related ground failure, including liquefaction?

No New Impact. This topic was evaluated in the GP PEIR. The PEIR determined impacts associated with this topic would be less than significant. The PEIR noted Fresno is located in an area that has varying potential for liquefaction near water-filled features such as canals, ditches, ponds, and lakes. As concluded in the PEIR, the potential for soil liquefaction within the Planning Area ranges from very low to moderate due to the variable density of the subsurface soils and the presence of shallow groundwater. Implementation of the GP objective and policies and the FMC standards reduce potential liquefaction impacts to less than significant. These objective and policies include Objective NS-2 and Policies NS-2-a through NS-2-d.

The Geotechnical Engineering Investigation conducted for the Project determined the potential for liquefaction/seismic settlement impacts on the site would be low. This conclusion was based on the lack of groundwater within the upper 50 feet and relative density of soils, and the relatively low peak ground acceleration. Therefore, the Project would result in no new impacts to people or structures due to ground failure or liquefaction.

iv. Landslides?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The Project site is relatively flat, there are no known landslides at the site, nor is the site in the path of any known or potential landslides. Therefore, the Project would result in no new impacts to people or structures due to landslides.

b) Result in substantial soil erosion or the loss of topsoil?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As stated in the PEIR, the local topography of the City is generally flat with gentle slopes. Similar to the Planning Area, the Project site is flat and does not contain sloped conditions that would result in conditions outside of those evaluated under the GP PEIR. Although impacts are less than significant pre and post construction, activities during construction would expose soil and there would be an increase in potential for soil erosion. As such, development greater than one acre in size is required to comply with the provisions of the Construction General Permit (CGP) adopted by the State Water Resources Control Board (SWRCB), which includes implementation of standard erosion control practices as required by a Stormwater Pollution Prevention Plan (SWPPP). Therefore, the Project would result in no new impacts from soil erosion or the loss of topsoil.

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed above, the Project site is in an area that does not require further investigation due to risk of liquefaction. In addition, due to the relatively flat site topography and lack of groundwater near the surface, the potential of lateral spreading is considered low. The Geotechnical Engineering Investigation conducted for the Project determined structural design measures would effectively avoid impacts due to ground failure. According to Figure Levels of Earthquake Hazards in California, in Appendix E of the GP PEIR, the Project site was not identified as susceptible to such geological hazards. Additionally, Chapter 18 of the CBC requires that a California Certified Engineering Geologist or California-licensed civil engineer provide site-specific engineering data for proposed structures, which are reviewed by the City for appropriate inclusion as part of the building plan check and development review process. Compliance with the requirements of the CBC for structural safety would reduce potential impacts to a less than significant level. Therefore, the Project would result in no new impacts from on- or offsite landslides, lateral spreading, subsidence, liquefaction or collapse.

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed in the Project's Geotechnical Engineering Investigation, the Project surface soils (upper 5 to 10 feet) predominantly consist of sandy silt. These soils are considered to have low to moderate compressibility characteristics, slight collapse potential, and a very low expansion potential. Furthermore, the surface soils are underlain by interbedded layers of sandy silt and silty sand, poorly-graded sand, and poorly graded sand with silt to the maximum depth of approximately 41.5 feet below site grade. Therefore, the site is suitable for the proposed development to be supported using conventional shallow foundations. All soils imported as part of Project construction would consist of very low expansiveness. Therefore, the Project site does not contain expansive soils and no new impacts would occur related to expansive soil hazards.

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?

No New Impact. The GP PEIR determined the GP Update would result in no impact regarding this topic. The Project would be connected to the City sewer and would not require the use of septic tanks or alternative wastewater disposal systems. Therefore, the Project would result in no new impact from soils incapable of adequately supporting the use of septic tanks.

f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM GEO-6.1) regarding this topic. According to the GP PEIR, there is potential within the city for paleontological resources to be present in fossil-bearing soils and rock formations below the ground surface.

As previously discussed in Cultural Resources, the site has previously been disturbed during prior agriculture use and when cleared for vacancy (existing condition). According to the Project's *Geotechnical Engineering Investigation* (Appendix E), sediments currently at or near the surface are believed to be of Pleistocene non-marine Age (2 million years old or younger). Based on review of the Geologic Map of California: Fresno Sheet1, the area of the subject site is in an area mapped as Great Valley Fan deposits (Qf). The GP PEIR states Pleistocene non-marine sediments are considered to have a high potential for paleontological sensitivity. Therefore, excavation and/or construction activities on the Project site have the potential to impact paleontological/geological resources during excavation and construction activities within previously undisturbed soils.

The Project will be conditioned to ensure consistency with GP policies and objectives to reduce impacts to unknown geological or paleontological resources. In addition, in the event that unique paleontological/geological resources are discovered during excavation and/or construction activities, implementation of MM GEO-6.1 requires that all construction shall stop in the immediate vicinity of the find and a qualified paleontologist shall be consulted to determine whether the resource requires further study, MM GEO-6.1 would reduce potential impacts to less than significant, similar to the conclusion contained in the PEIR. Construction shall stop in the immediate vicinity of the find and a qualified paleontologist shall be consulted to determine whether the resource requires further study and take further appropriate action.

With implementation of the City GP policies and mitigation incorporated, no new impacts would occur related to paleontological resources.

CONCLUSION

With regards to the issue area of Geology and Soils, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant by adhering to the Project conditions of approval, which are consistent with the GP PEIR.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM GEO-6.1 Subsequent to a preliminary City review of the Project grading plans, if there is evidence that a Project will include excavation or construction activities within previously undisturbed soils, a field survey and literature search for unique paleontological/geological resources shall be conducted. The following procedures shall be followed:

If unique paleontological/geological resources are not found during either the field survey or literature search, excavation and/or construction activities can commence. In the event that unique paleontological/geological resources are discovered during excavation and/or construction activities, construction shall stop in the immediate vicinity of the find and a qualified paleontologist shall be consulted to determine whether the resource requires further study. The qualified paleontologist shall make recommendations to the City on the measures that shall be implemented to protect the discovered resources, including but not limited to, excavation of the finds and evaluation of the finds. If the resources are determined to be significant, mitigation measures shall be identified by the monitor and recommended to the Lead Agency. Appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. No further grading shall occur in the area of the discovery until the Lead Agency approves the measures to protect these resources. Any paleontological/geological resources recovered as a result of mitigation shall be provided to a City-approved institution or person who is capable of providing long- term preservation to allow future scientific study.

If unique paleontological/geological resources are found during the field survey or literature review, the resources shall be inventoried and evaluated for significance. If the resources are found to be significant, mitigation measures shall be identified by the qualified paleontologist. Similar to above, appropriate mitigation measures for significant resources could include avoidance or capping, incorporation of the site in green space, parks, or open space, or data recovery excavations of the finds. In addition, appropriate mitigation for excavation and construction activities in the vicinity of the resources found during the field survey or literature review shall include a paleontological monitor. The monitoring period shall be determined by the qualified paleontologist. If additional paleontological/geological resources are found during excavation and/or construction activities, the procedure identified above for the discovery of unknown resources shall be followed.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
VII. Greenhouse Gases – Would the project:					
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☐	☐	☒
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR stated that implementation of the GP would generate new greenhouse gas emissions, directly and indirectly. However, GP policies were included to help the City achieve the goals of SCAG's 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), which would contribute to the achievement of SCAG's goal for per capita GHG emissions reductions required by California State Senate Bill (SB) 375. In addition, the updated Greenhouse Gas (GHG) Reduction Plan is included as an Appendix to the PEIR to take into account the requirements of SB 32. The GHG Reduction Plan Update was prepared to re-evaluate the City's existing GHG reduction targets and strategies. In addition, the GHG Reduction Plan Update provided new goals and measures to reflect and ensure compliance with changes in the local and State policies to achieve GHG reductions and maintain the "CEQA Qualified Plan" status. As required in Mitigation Measure GHG-1.1, development projects shall demonstrate they are consistent with the Recirculated GHG Reduction Plan Update and shall implement all measures deemed applicable to the project through the GHG Reduction Plan Update-Project Consistency Checklist (Appendix B to the GHG Reduction Plan Update). The Consistency Checklist is designed to help the City provide a streamlined review process for new development projects that are subject to discretionary review pursuant to CEQA. The GP PEIR concluded implementation of the GP decreases greenhouse gas emissions through buildout and serves to reduce the significant greenhouse gas impacts with implementation of migration measure GHG-1.1. Therefore, the PEIR concluded the GP would have a less than significant impact on greenhouse gases.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's impacts related to greenhouse gases:

Policy LU-2-a. Infill Development and Redevelopment. Promote development of vacant, underdeveloped, and redevelopable land within the City Limits where urban services are available by considering the establishment and implementation of supportive regulations and programs.

Policy MT-2-c. Reduce VMT through Infill Development. Provide incentives for infill development that would provide jobs and services closer to housing and multi-modal transportation corridors, and vice versa, in order to reduce citywide vehicle miles travelled.

Policy MT-2-b. Reduce Vehicle Miles Traveled and Trips. Partner with major employers and other responsible agencies, such the San Joaquin Valley Air Pollution Control District and the Fresno Council of Governments, to implement trip reduction strategies, such as eTRIP, to reduce total vehicle miles traveled and the total number of daily and peak hour vehicle trips, thereby making better use of the existing transportation system.

Policy MT-1-k. Multi-Modal Level of Service Standards. Develop and use a tiered system of flexible, multi-modal Level of Service standards for streets designated by the Circulation Diagram (Figure MT- 1). Strive to accommodate a peak hour vehicle LOS of D or better on street segments and at intersections, except where Policies MT-1-m through MT-1-p provide greater specificity. Establish minimum acceptable service levels for other modes and use them in the development and environmental review process.

Policy MT-2-n. Peak Hour Vehicle LOS. Maintain a peak-hour vehicle LOS standard of D or better for all roadway areas outside of identified Activity Center and Bus Rapid Transit Corridor districts, unless the City Traffic Engineer determines that mitigation to maintain this LOS would be infeasible and/or conflict with the achievement of other General Plan policies.

Policy PU-7-d. Pursue the development of a recycled water system and the expansion of beneficial wastewater recycling opportunities, including a timely technical, practicable, and institutional evaluation of treatment, facility siting and water exchange elements.

Policy PU-8-g. Review Project Impact on Supply. Mitigate the effects of development and capital improvement projects on the long-range water budget to ensure an adequate water supply for current and future uses

Policy RC-4-f. Continue to control and reduce air pollution emissions from vehicles owned by the City and municipal operations and facilities by undertaking the following:

- Expand the use of alternative fueled and electric vehicles in City fleets.
- Create preventive maintenance schedules that will ensure efficient engine operation.
- Include air conditioning recycling and charging stations in the City vehicle maintenance facilities, to reduce freon gases being released into the atmosphere and electrostatic

filtering systems in City maintenance shops, when feasible or when required by health regulations.
- Use satellite corporation yards for decentralized storage and vehicle maintenance.
- Convert City-owned emergency backup generators to natural gas fuels whenever possible, and create an advanced energy storage system.

Policy RC-5-b. Greenhouse Gas Reduction Plan. As is consistent with State law, prepare and adopt a Greenhouse Gas Reduction Plan as part of the Master Environmental Impact Report to be concurrently approved with the Fresno General Plan in order to achieve compliance with State mandates, assist development by streamlining the approval process, and focus on feasible actions the City can take to minimize the adverse impacts of growth and development on global climate change. The Greenhouse Gas Reduction Plan shall include, but not be limited to:

- A baseline inventory of all known or reasonably discoverable sources of GHGs that currently exist in the city and sources that existed in 1990.
- A projected inventory of the GHGs that can reasonably be expected to be emitted from those sources in the year 2035 with the implementation of this General Plan and foreseeable communitywide and municipal operations.
- A target for the reduction of emissions from those identified sources.
- A list of feasible GHG reduction measures to meet the education target, including energy conservation and "green building" requirements in municipal buildings and private development.
- Periodically update municipal and community-wide GHG emissions inventories to determine the efficacy of adopted measures and to guide future policy formulation needed to achieve and maintain GHG emissions reduction targets.

Policy RC-5-d. SCS and CAP Conformity Analysis. Ensure that the City includes analysis of a project's conformity to an adopted regional Sustainable Community Strategy or Alternative Planning Strategy (APS), an adopted Climate Action Plan (CAP), and any other applicable City and regional greenhouse gas reduction strategies in affect at the time of project review.

Policy RC-5-e. Ensure Compliance. Ensure ongoing compliance with GHG emissions reduction plans and programs by requiring that air quality measures are incorporated into projects' design, conditions of approval, and mitigation measures.

Policy RC-6-b. Water Plans. Adopt and implement ordinances, standards, and policies to achieve the intent of the City of Fresno Urban Water Management Plan, Fresno-Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resources Management Plan to ensure a sustainable supply of water.

Policy RC-6-h. Conditions of Approval. Include in the Development Code standards for imposing conditions of approval for development projects to ensure long-term maintenance of adequate clean water resources. Require findings that adequate water supply must exist

prior to any discretionary project approval for residential and commercial development requiring annexation (excluding County Islands), as required by law.

Objective RC-7. Promote water conservation through standards, incentives and capital investments.

Policy RC-7-a. Water Conservation Program Target. Maintain a comprehensive conservation program to help reduce per capita water usage in the city's water service area to 243 gallons per capita per day (gpcd) by 2020 and 190 gpcd by 2035, by adopting conservation standards and implementing a program of incentives, design and operation standards, and user fees:

- Support programs that result in decreased water demand, such as landscaping standards that require drought-tolerant plants, rebates for water conserving devices and systems, turf replacement, xeriscape landscape for new homes, irrigation controllers, commercial/industrial/institutional water conserving programs, prioritized leak detection program, complete water system audit, landscape water audit and budget program, and retrofit upon resale ordinance.
- Implement the U.S. Bureau of Reclamation Best Management Practices for water conservation as necessary to maintain the City's surface water entitlements.
- Adopt and implement policies in the event that an artificial lake is proposed for development.
- Work cooperatively toward effective uniform water conservation measures that would apply throughout the Planning Area.
- Expand efforts to educate the public about water supply issues and water conservation techniques.

Policy RC-7-h. Landscape Water Conservation Standards. Refine landscape water conservation standards that will apply to new development installed landscapes, building on the State Model Water Efficient Landscape Ordinance and other state regulations.

Policy RC-8-b. Energy Reduction Targets. Strive to reduce per capita residential electricity use to 1,800 kWh per year and non-residential electricity use to 2,700 kWh per year per capita by developing and implementing incentives, design and operation standards, promoting alternative energy sources, and cost-effective savings.

GP PEIR MITIGATION MEASURES

MM GHG-1.1 Development projects that require discretionary approval shall be consistent with the GHG Reduction Plan Update (2020) and shall implement all measures deemed applicable to the project through the GHG Reduction Plan Update-Project Consistency Checklist (Appendix B to the GHG Reduction Plan Update).

PROJECT-SPECIFIC IMPACTS

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of the GP regarding this topic.

The GP PEIR evaluated whether implementation of the GP would increase per capita GHG emissions. A GHG analysis was completed for the Project, as seen in the *Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report* (Appendix A), which assessed whether the Project would directly or indirectly generate GHG emissions beyond existing conditions, which could have a significant impact on the environment (LSA Associates, 2022).

Short-Term GHG Emissions

As stated in the GHG Analysis, construction activities associated with the proposed Project would produce combustion emissions through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically use fossil-based fuels to operate. The City of Fresno does not have an adopted threshold of significance for construction related GHG emissions. However, emissions that would occur during construction were quantified and are disclosed for informational purposes. Construction of the proposed Project would generate approximately 1,148.7 metric tons of CO_2e. Table 10 lists the annual GHG emissions (details are provided in the CalEEMod output in Appendix A) and such emissions would be temporary in nature and would only occur for the duration construction.

Table 10: Construction Greenhouse Gas Emissions (Mitigated)

Construction Year	Emissions (metric tons per year)			
	CO_2	CH_4	N_2O	Total CO_2e
2022	220.8	<0.1	<0.1	224.6
2023	846.3	0.1	<0.1	863.2
2024	30.1	<0.1	<0.1	60.9
Total Construction Emissions				**1,148.7**

Source: Compiled by LSA (April 2022).
CH_4 = methane
CO_2 = carbon dioxide
CO_2e = carbon dioxide equivalent
N_2O = nitrous oxide

Long-Term GHG Emissions

Long-term GHG emissions are typically generated from mobile sources (e.g., vehicle trips), area sources (e.g., maintenance activities and landscaping), indirect emissions from sources associated with energy consumption, waste sources (land filling and waste disposal), and water sources (water supply and conveyance, treatment, and distribution). Operation of the proposed Project would generate approximately 5,717.4 metric tons of CO_2e per year.

As previously stated, the GHG Reduction Plan Update includes a Consistency Checklist to help the City provide a streamlined review process for new development projects that are subject to discretionary review pursuant to CEQA. The Project's Consistency Checklist is included as Table 11 below, and in Appendix D of the GHG analysis (provided as Appendix A herein). As shown in the Consistency Checklist, the proposed Project would be consistent with the applicable strategies from the GHG Reduction Plan Update.

Therefore, the proposed Project would not generate GHG emissions, either directly or indirectly, that may have a significant effect on the environment as identified in Appendix D in the GHG analysis (Appendix A). Therefore, the Project would result in no new impacts related to greenhouse gas emissions.

Table 11. Project Consistency Checklist

Greenhouse Gas (GHG) Reduction Plan Update - CEQA Project Consistency Checklist
GHG Plan Update consistency review involves the evaluation of project consistency with the applicable strategies of the GHG Plan Update. This checklist was developed based on the key local GHG reduction strategies and actions identified in the GHG Plan Update that are applicable to new development projects.

Checklist Item (Check the appropriate box and provide an explanation for your answer)	Yes	No	Not Applicable (NA)	Explanation
Strategy 1: Land Use and Transportation Demand Management				
Does the project provide complete streets for all roadway improvements? (Complete streets are roadways that include curb, gutter, and sidewalks on both sides of the street. For local and collector streets, adequate roadway width is provided to accommodate two-way vehicle traffic and bicycles and arterial streets include striping for bike lanes.)	X			The project would provide complete streets for all roadway improvements.
Is the project a large employer (over 100 employees) and if so will the project comply with SJVAPCD Rule 9410 and provide an Employer Trip Reduction Implementation Plan that will include trip reduction methods such as increasing transit use, carpooling, vanpooling, bicycling, or other measures? See the SJVAPCD website link for details: https://www.valleyair.org/rules/currntrules/r9410.pdf	X			The project would have over 100 employees and would be required to comply with SJVAPCD Rule 9410.
Strategy 2: Energy Conservation and Renewable Energy				
Does the project meet the mandatory energy efficiency measures of the California Green Building Standards Code (CalGreen)? If the Project exceeds mandatory CalGreen measures then provide the tier number that the project will meet in the explanation.	X			The project would meet the latest CalGreen standards.
For commercial projects, does it achieve net zero electricity? Mark NA if project will be permitted before 2030. Mark Yes if voluntary. Add source and capacity in explanation.			X	The project is not a commercial project.
Does the project include onsite energy generation using renewable energy? If no, mark NA. If yes, provide source and capacity in the explanation.	X			Minimum of 450 kW of rooftop solar generation.
Strategy 3: Water Conservation				
Does the project meet the mandatory indoor water use measures of the CalGreen Code? If the project exceeds CalGreen Code mandatory measures provide methods in excess of requirements in the explanation. Examples may include water pipe insulation, pressure reducing valves, energy efficient appliances such as Energy Star Certified dishwashers, washing machines, dual flush toilets, point of use and/or tankless water heaters. Provide the measures, devices, or systems that the project will include in the explanation.	X			The project would meet the latest CalGreen standards.
Does the project meet the mandatory outdoor water use measures of the CalGreen Code? If the project exceeds CalGreen Code mandatory measures provide methods in excess of requirements in the explanation? Examples may include any outdoor water conservation measures such as; drought tolerant landscaping plants, compliant irrigation systems, xeriscapes etc. Provide the conservation measure that the project will include in the explanation.	X			The project would meet the latest CalGreen standards.
Strategy 4: Solid Waste Diversion and Recycling				
When completed will the project implement techniques for solid waste diversion and reduction (i.e., recycling, composting, waste to energy technology, waste separation)?	X			The project would be consistent with the CalRecycle Waste Diversion and Recycling Mandate.
During construction will the project recycle construction and demolition waste?	X			

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

No New Impact. This topic was evaluated in the GP PEIR and was determined to have a less than significant impact.

The proposed Project was analyzed for consistency with the goals of AB 32 and the AB 32 Scoping Plan. The following discussion evaluates the proposed Project according to the goals of AB 32, the AB 32 Scoping Plan, EO B-30-15, SB 32, and AB 197.

AB 32 is aimed at reducing GHG emissions to 1990 levels by 2020. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The AB 32 Scoping Plan has a range of GHG reduction actions, which includes direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, market-based mechanisms such as a cap-and-trade system, and an AB 32 implementation fee to fund the program.

EO B-30-15 added the immediate target of reducing GHG emissions to 40 percent below 1990 levels by 2030. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan, to reflect the 2030 target set by EO B-30-15 and codified by SB 32. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in EO B-30-15. SB 32 builds on AB 32 and keeps the State on the path toward achieving the 2050 objective of reducing emissions to 80 percent below 1990 levels. The companion bill to SB 32, AB 197, provides additional direction to the CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 intended to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

As identified above, the AB 32 Scoping Plan contains GHG reduction measures that work towards reducing GHG emissions, consistent with the targets set by AB 32 and EO B-30-15 and codified by SB 32 and AB 197. The measures applicable to the proposed Project include energy efficiency measures, water conservation and efficiency measures, and transportation and motor vehicle measures, as discussed below.

Energy efficient measures are intended to maximize energy efficiency building and appliance standards, pursue additional efficiency efforts including new technologies and new policy and implementation mechanisms, and pursue comparable investment in energy efficiency from all retail providers of electricity in California. In addition, these measures are designed to expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The proposed Project would be required to comply with the latest Title 24 standards of the CCR, established by the CEC, regarding energy conservation

and green building standards. Therefore, the proposed Project would comply with applicable energy measures.

Water conservation and efficiency measures are intended to continue efficiency programs and use cleaner energy sources to move and treat water. Increasing the efficiency of water transport and reducing water use would reduce GHG emissions. As noted above, the proposed Project would be required to comply with the latest Title 24 standards of the CCR, which includes a variety of different measures, including reduction of wastewater and water use. Therefore, the proposed Project would not conflict with any of the water conservation and efficiency measures.

The goal of transportation and motor vehicle measures is to develop regional GHG emissions reduction targets for passenger vehicles. The second phase of Pavley standards will reduce GHG emissions from new cars by 34 percent from 2016 levels by 2025, resulting in a 3 percent decrease in average vehicle emissions for all vehicles by 2020. Vehicles traveling to the Project site would comply with the Pavley II (LEV III) Advanced Clean Cars Program. Therefore, the proposed Project would not conflict with the identified transportation and motor vehicle measures.

As such, the proposed Project would comply with existing State regulations adopted to achieve the overall GHG emissions reduction goals identified in AB 32 and would be consistent with applicable plans and programs designed to reduce GHG emissions. Therefore, the proposed Project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. As a result, the Project would result in no new impact related to conflicts with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

CONCLUSION

With regards to the issue area of Greenhouse Gas Emissions, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM GHG-1.1 Development projects that require discretionary approval shall be consistent with the GHG Reduction Plan Update (2020) and shall implement all measures deemed applicable to the project through the GHG Reduction Plan Update-Project Consistency Checklist (Appendix B to the GHG Reduction Plan Update).

Status: MM GHG-1.1 satisfied by Air Quality, Health Risk, Greenhouse Gas, and Energy Impact Report, dated 2022 prepared by LSA Associates, Inc. and included in its entirety as Appendix A.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
IX. HAZARDS AND HAZARDOUS MATERIAL – Would the project:					
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☐	☒
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☐	☒
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☐	☒
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?	☐	☐	☐	☐	☒

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
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 for people residing or working in the project area?	☐	☐	☐	☐	☒
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☐	☒
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR discussed hazards and hazardous materials impacts in Section 4.9. The PEIR addressed potential hazardous materials, urban and wildland fire hazards, and emergency response and evacuation.

Potential Hazardous Materials

The PEIR determined that construction materials and materials used for periodic cleaning, repair, and maintenance or for landscape maintenance/pest control are potential sources of exposure to hazardous materials. The PEIR concluded that although the overall quantity of hazardous materials and waste generated in the City could increase as result of implementation of the GP, future projects that handle or use hazardous materials would be required to comply with regulations, standards, and guidelines established by the US EPA, state, Fresno County, and the City of Fresno. According to the PEIR, there are sites in the City either containing or potentially containing hazardous materials contamination and that any development on these sites would require remediation of the site contamination; impacts

associated with development on these sites would be considered less than significant after remediation and adherence to the GP Objectives and Policies.

GP GOALS AND POLICIES

GP Objectives and Policies applicable to the proposed Project include:

Policy NS-4-a: Processing and Storage. Require safe processing and storage of hazardous materials, consistent with the California Building Code and the Uniform Fire Code, as adopted by the City.

Policy NS-4-c. Soil and Groundwater Contamination Reports. Require an investigation of potential soil or groundwater contamination whenever justified by past site uses. Require appropriate mitigation as a condition of project approval in the event soil or groundwater contamination is identified or could be encountered during site development.

Policy NS-4-e. Compliance with County Program. Require that the production, use, storage, disposal, and transport of hazardous materials conform to the standards and procedures established by the County Division of Environmental Health. Require compliance with the County's Hazardous Waste Generator Program, including the submittal and implementation of a Hazardous Materials Business Plan, when applicable.

Policy NS-4-f. Hazardous Materials Facilities. Require facilities that handle hazardous materials or hazardous wastes be designed, constructed, and operated in accordance with applicable hazardous materials and waste management laws and regulations.

Policy NS-4-g. Hazmat Response. Include policies and procedures appropriate to hazardous materials in the City's disaster and emergency response preparedness and planning, coordinating with implementation of Fresno County's Hazardous Materials Incident Response Plan.

The PEIR also concludes that, although there are schools in the GP area that could be within 0.25 mile of facilities with the potential to release hazardous materials, compliance with existing regulations and standard safety procedures related to the handling of hazardous materials at these facilities would be expected to reduce potential impacts to a less than significant level.

GP PEIR MITIGATION MEASURES

None.

Emergency Response and Evacuation

As discussed in the PEIR, the City's Police and Fire Departments are the lead agencies for all local emergency response efforts and the City's full-time Emergency Preparedness Officer (EPO) is responsible for ensuring emergency response plans are up-to-date and implemented properly. The EPO also facilitates cooperation between City departments and other local, state and federal agencies that would be involved in emergency response operations (City of Fresno Emergency Response Plan Overview. 2012). The City's Emergency Operations Center (EOC) serves as the coordination and communication between the City and Fresno County Operational Area EOC. The PEIR concluded that with implementation of GP objectives and policies, potential interference with an adopted emergency response plan or emergency evacuation plan would be reduced, however impacts could remain significant.

GP GOALS AND POLICIES

GP Objectives and Policies applicable to the proposed Project include:

Objective NS-6. Foster an efficient and coordinated response to emergencies and natural disasters.

Policy NS-6-b. Disaster Response Coordination. Maintain coordination with other local, State, and Federal agencies to provide coordinated disaster response.

Policy NS-6-c. Emergency Operations Plan. Update the City's Emergency Operations Plan periodically, using a whole community approach, which integrates considerations for People with access and functional needs in all aspects of planning.

Policy NS-6-d. Evacuation Planning. Maintain an emergency evacuation plan in consultation with the Police and Fire Departments and other emergency service providers, which shows potential evacuation routes and a list of emergency shelters to be used in case of catastrophic emergencies.

Policy NS-6-f. Emergency Vehicle Access. Require adequate access for emergency vehicles in all new development, including adequate widths, turning radii, hard standing areas, and vertical clearance.

GP PEIR MITIGATION MEASURES

MM HAZ‐6.1 The City shall establish an alternative Emergency Operations Center in the event the current Emergency Operations Center is under redevelopment or inaccessible

Airport Hazards

The PEIR concluded that impacts associated with hazards and hazardous materials, including compatibility and operation of applicable Airport Land Use Compatibility Plans, would be less

than significant following implementation of GP objective and policies, and no mitigation measures were required.

Wildland Fire Hazards

As described in the PEIR, the City is predominately designated as an area with little or no threat or moderate fire hazard, which is largely attributed to the City's paved urban development similar to the Project's surroundings. Although there are small areas along the San Joaquin River Bluff area in northern Fresno classified as high fire hazard areas, these area would not directly or indirectly affect the Project.

GP GOALS AND POLICIES

Policy PU-2-b: Maintain Ability. Strive to continually maintain the Fire Department's ability to provide staffing and equipment resources to effectively prevent and mitigate emergencies in existing and new high-rise buildings and in other high-density residential and commercial development throughout the city.

Policy PU-2-e. Service Standards. Strive to achieve a community wide risk management plan that include the following service level objectives 90 percent of the time:

- First Unit on Scene – First fire unit arriving with minimum of three fire fighters and ability to apply suppressing agent within 6 minutes and 20 seconds from emergency call (7 minutes and 30 seconds with 9-11 processing time).
- Effective Response Force – Provide sufficient number of fire fighters on scene of an emergency (17 for low risk, 23 for high risk) within nine minutes and 20 seconds from time of alert to arrival.

Policy PU-3-a. Fire Prevention Inspections. Develop strategies to enable the performance of annual fire and life safety inspection of all industrial, commercial, institutional, and multi-family residential buildings, in accordance with nationally recognized standards for the level of service necessary for a large Metropolitan Area, including self-certification program.

Policy PU-3-d. Review All Development Applications. Continue Fire Department review of all development applications, provide comments and recommend conditions of approval that will ensure adequate on-site and off-site fire protection systems and features are provided.

Policy PU-3-e. Building Codes. Adopt and enforce amendments to construction and fire codes, as determined appropriate, to systematically reduce the level of risk to life and property from fire, commensurate with the City's fire suppression capabilities.

Policy PU-3-f. Adequate Infrastructure. Continue to pursue the provision of adequate water supplies, hydrants, and appropriate property access to allow for adequate fire suppression throughout the City.

Policy PU-3-g. Cost Recovery. Continue to evaluate appropriate codes, policies, and methods to generate fees or other sources of revenue to offset the ongoing personnel and maintenance costs of providing fire prevention and response services.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

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

No New Impact. A Phase I Environmental Site Assessment (Phase I ESA) was conducted for the Project to assess potential hazardous impacts (Atlas Technical, 2021) (Appendix D). The Phase I ESA determined the Project site had been utilized for agriculture prior to 1940 to 2000, later cleared in 2001 and has remained vacant to present. However, the Phase I ESA revealed no evidence of recognized environmental conditions (RECs) or other notable findings in connection with the Subject Property, therefore the site is not considered a significant hazard to the public or the environment.

Construction

This topic was evaluated in the PEIR (Impact HAZ-1) and was determined to have a less than significant impact with implementation of the GP objectives and policies provided above. Project construction would require clearing and grubbing of vacant site and construction of a new industrial building, which would require grading and soil export. Soil conditions on the site were identified as not having elevated levels of PCE, TCE, and TCA in soil. Furthermore, as stated in the Project's *Geotechnical Engineering Investigation,* groundwater was not encountered at depths of 50 feet. Therefore, the routine transport, use, or disposal of soils during Project construction would not be considered to be a significant hazard to the public or the environment.

California Division of Occupational Safety and Health (Cal/OSHA) has regulations concerning the use of hazardous materials, including requirements for safety training, availability of safety equipment, hazardous materials exposure warnings, and emergency action and fire prevention plan preparation. Cal/OSHA enforces the hazard communication program regulations, which include provisions for identifying and labeling hazardous materials, describing the hazards of chemicals, and documenting employee-training programs.

Proposed construction activities would involve the routine transport, use, and disposal of other hazardous materials such as paints, solvents, oils, grease, and other construction-related materials. In addition, hazardous materials would routinely be needed for fueling and servicing construction equipment on the site. These types of materials are not acutely hazardous, and all storage, handling, use, and disposal of these materials are regulated by federal and state regulations that are implemented by the City of Fresno during building permitting for construction activities. As a result, hazardous material impacts during construction would be less than significant and consistent with the PEIR, and no new impact would occur.

Operation

Operation of the proposed Project includes food and beverage industrial storage. Although the Project would likely utilize common types of hazardous materials, normal routine use of these products pursuant to existing regulations would not result in a significant hazard to the environment or workers within or in the vicinity of the Project. Per the PEIR, both the federal and state governments require all businesses that handle more than a specified amount of hazardous materials to submit a business plan to a regulating agency. Specifically, any new business that meets the specified criteria must submit a full hazardous materials disclosure report that includes an inventory of the hazardous materials generated, used, stored, handled, or emitted; and emergency response plans and procedures to be used in the event of a significant or threatened significant release of a hazardous material.

Station No. 3 of the City of Fresno Fire Department (FFD) will conduct yearly inspections of the proposed Project, to confirm that the business plan is in order and up to date. Additionally, GP policies (Policy NS-4-h) include measures for handling hazardous materials within the City. Therefore, operational impacts related to routine transport, use, and disposal of hazardous materials during operation of the Project would be less than significant, and no new impact would occur.

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?

No New Impact. This topic was evaluated in the PEIR (Impact HAZ-2), where it was determined the GP would have a less than significant impact with implementation of the objective and policies provided above.

Construction

As discussed above, Project construction would require clearing of the vacant site and construction of a new industrial building. Through standard hazardous materials handling practices, the Project would not pose a significant hazard, and as concluded in the Phase I Assessment, the Project site is not considered hazardous to the public or environment.

To further avoid an impact related to an accidental release of hazardous materials from stormwater into the environment, the use of best management practices (BMPs) during construction would be implemented as part of a Stormwater Pollution Prevention Plan (SWPPP) as required by the National Pollution Discharge Elimination System General Construction Permit. Implementation of an SWPPP would minimize potential adverse effects to workers, the public, and the environment. Construction contract specifications would include strict on-site handling rules and BMPs that include, but are not limited to:

- Establishing a dedicated area for fuel storage and refueling and construction dewatering activities that includes secondary containment protection measures and spill control supplies;
- Following manufacturers' recommendations on the use, storage, and disposal of chemical products used in construction;
- Avoiding overtopping construction equipment fuel tanks;
- Properly containing and removing grease and oils during routine maintenance of equipment; and
- Properly disposing of discarded containers of fuels and other chemicals.

Operation

The Project would include operation of an industrial building. As discussed above, operational use of hazardous materials on the Project site would be subject to federal, state, and local requirements that aim to avoid and minimize the potential release of hazardous substances. The FFD would inspect the facility to ensure compliance with proper handling measures identified in the hazardous materials disclosure report and emergency response plan. Therefore, the Project would result in no impacts related to the accidental upset or release of hazardous materials.

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

No New Impact. This topic was evaluated in the PEIR where it was determined the GPE would have a less than significant impact. The nearest school is the Orange Center Elementary located at 3530 S Cherry Avenue, which is 0.7 mile to the southwest of the Project site. As described in the previous responses, Project construction and operation would involve the use and disposal of various hazardous materials, however all storage, handling, use, and disposal of these materials are regulated by federal state regulations that are implemented by the City. While the Project would involve the use and disposal of various hazardous materials, compliance with federal and state regulations would reduce impacts to a less than significant level and impacts would be consistent with the PEIR. Therefore, the Project would result in no new impacts related to hazardous emissions within on-quarter mile of a school.

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?

No New Impact. This topic was evaluated in the PEIR where it was determined the GP would have a less than significant impact. As discussed in the PEIR, development within the City could be located on a site which are included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. Prior to issuance of development permit for a project, the site would be required to be remediated and mitigated for on-site hazardous materials. In addition, the PEIR included GP objectives and policies within the Noise and Safety Element; Objective NS-4 and Policies NS-4-a through NS-4-g and NS-4-I to reduce such impacts. As concluded in the PEIR, impacts would be anticipated to be less than significant.

According to the PEIR, contaminated sites are mainly associated with leaking underground storage tanks and are predominately clustered south of downtown, Fresno Yosemite International Airport, Palm Bluffs Corporate Center (northwest Fresno) and along the Union Pacific Railroad Tracks. According to the Project's Phase I ESA, the closest hazardous waste or contaminated site is located 0.18 south of the Project, which was determined to have no impact on the Project site. In addition, the Project site is not located on a federal Superfund site, State response site, voluntary cleanup site, school cleanup site, corrective action site, or tiered permit site (Department of Toxic Substances Control 2021). Therefore, the Project would result in no new impact related to hazardous materials sites compiled pursuant to Government Code Section 65962.5.

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 for people residing or working in the project area?

No New Impact. This topic was evaluated in the GP PEIR where it was determined the GP would result in a less than significant without mitigation incorporated. The Project would not expose people working in the Project site to excessive noise levels from aircraft. The nearest airport is Fresno Chandler Executive Airport that is located approximately 3.6 miles northwest of the Project site, therefore the Project site is located outside of the safety zones according to the Fresno-Chandler Downtown Airport Zones, Exhibit 5.8-2, in Section 5.8 of the PEIR. As a result, implementation of the Project would not result in construction of residential, commercial, and industrial uses within the Fresno-Chandler Downtown Airport Land Use Policy Plan. Mitigation measures from the PEIR would not be applicable to the Project as there are no impacts. Therefore, no new impacts related to airport safety hazards would occur.

f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

No New Impact. This topic was evaluated in the PEIR where it was determined the GP would result in a less than significant with mitigation incorporated (MM HAZ-6.1). The Project would include the construction of a new industrial building on a vacant site within a developed area of the GP Planning Area. The Project would not result in roadway closure, or other activities that could impact emergency response or evacuation. During short-term construction activities, the proposed Project is not anticipated to result in any substantial traffic queuing on

nearby streets, and all construction equipment would be staged within the Project site. During the operational phase of the proposed Project, onsite access would be required to comply with standards established by the City. The proposed Project would provide adequate emergency access to the site via E. North Avenue and S. East Avenue. Therefore, the Project would result in no new impacts related to impairment of an adopted emergency response plan or emergency evacuation plan.

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

No New Impact. This topic was evaluated in the PEIR where it was determined the GP would result in a less than significant impact. According to the California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (FRAP) Fire Hazard Severity Zones map, the Project is not within an area identified as a fire hazard safety zone (FHSZ). Therefore, the Project would result in no impacts related to exposure of people or structures to significant risk involving wildland fires. No new impacts involving wildland fires would occur.

CONCLUSION

With regards to the issue area of Hazards and Hazardous Materials, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant by adhering to the project conditions of approval, which are consistent with the GP PEIR as described above.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
X. HYDROLOGY AND WATER QUALITY – Would the project:					
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	☐	☒
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☐	☒
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or through the addition of impervious surfaces, in a manner which would:	☐	☐	☐	☐	☒
i) Result in a substantial erosion or siltation on- or off-site;	☐	☐	☐	☐	☒
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site:	☐	☐	☐	☐	☒
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	☐	☐	☒

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
iv) impede or redirect flood flows?	☐	☐	☐	☐	☒
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☐	☒
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed hydrology and water quality impacts and addressed the following potential impacts: water quality standards; groundwater; alteration of existing drainage patterns resulting in erosion or flooding; urban runoff in relation to storm drainage system capacity and increased pollutants; flood hazards; and inundation by seiche, tsunami, or mudflow.

Water Quality Standards

According to development under the GP PEIR, development under the GP would result in demolition and/or construction activity that could generate pollutants that have the potential to adversely affect urban runoff. Although development under the GP could result in an increase in pollutants in stormwater and wastewater, new development would be required to comply with all City requirements in the Storm Drainage Master Plan (SDMP) under the Fresno Metropolitan Flood Control District (FMFCD) and applicable National Pollutant Discharge Elimination System (NPDES) permit.

Preparation of a Stormwater Pollution Prevention Plan (SWPPP) is required for construction activities to achieve compliance with the NPDES General Construction Stormwater Activity Permit. New development projects within the GP Planning Area are required to obtain a Construction General Permit and thereby implement Best Management Practices (BMPs), such as regular watering of exposed soils to control dust during construction and vegetation of proposed landscaped/grassed swale areas as soon as feasible following grading activities.

Furthermore, the GP PEIR stated that policies within the GP would minimize stormwater and erosion impacts during construction.

The GP PEIR states that although the increase in volumes or rates of discharge and associated pollutants in runoff would be minimal, the operation of future development envisioned in the GP could potentially result in the addition of contaminants into both the stormwater runoff entering the City's drainage system and the wastewater stream entering the local wastewater collection and treatment system. However, all development in the City would be subject to the provisions of the City's NPDES Municipal Separate Storm Sewer Systems (MS4) Permit (Order No. R5-2022-0006).

Municipal Code Chapter 6 establishes provisions to ensure the health, safety, and general welfare of residents, and to protect the water quality of surface water and groundwater resources by reducing pollutants in urban stormwater. All discharges of material other than stormwater must comply with an NPDES permit issued for the discharge with appropriate structural BMPs, such as hydrodynamic devices, swales/biofilters, and basins, and nonstructural BMPs, such as activity restrictions and drought-tolerant landscaping.

Groundwater

The GP PEIR discussed that future development occurring from implementation of the proposed GP would increase the demand for water, some of which would derive from groundwater sources. This increase in demand was determined to be beyond adequate supply of water needed, however only if demand is met through increase in ground pumping. A number of objectives and policies proposed in the GP would serve provide an adequate water supply due to the increase in water conservation, supply of recycled water, and treatment of surface water supply. Additionally, the GP would serve to balance the amount of groundwater pumped to provide an adequate water supply. Therefore, the GP PEIR concluded that development would not substantially interfere with groundwater recharge, and this impact would be less than significant.

Alteration of Existing Drainage Patterns Resulting in Erosion or Flooding

According to the GP PEIR, development under the GP would result in alterations to drainage, such as impervious surface additions from development of underdeveloped sites. The PEIR requires development that increases runoff to incorporate Low Impact Development (LID) stormwater management practices to specifically reduce the potential for development to alter existing drainage patterns as described in item 3 of mitigation measures MM HYD-3.2 through -3.3. Integration of LID stormwater management practices combined with GP policies, the City's Municipal Code, and NPDES regulations were determined to reduce erosion risks from drainage alterations to less than significant.

Urban Runoff in Relation to Storm Drainage System Capacity and Increased Pollutants

The GP PEIR discussed that the majority of development under the GP would increase in stormwater runoff that would likely exceed existing drainage capacity or increase pollutants in stormwater runoff. In order to accommodate the capacity needs from the GP development, upgrades, expansion, and construction of necessary utilities are required per mitigation measures MM HYD-3.4 through -3.5. Therefore, the impact was determined to be less than significant.

Flood Hazards

The GP PEIR states that the City is within a 100-year floodplain, as delineated by the Federal Emergency Management Agency (FEMA). The City participates in FEMA's Flood Insurance Program (FIP) which requires a community adopt the Flood Insurance Rate Maps (FIRMs), appoint Floodplain Administrator, adopt a floodplain ordinance, and enforce the ordinance and the requirements that all new construction and substantial reconstruction of buildings located within an adopted floodplain be flood proofed and approve by the administrator.

The potential for flood events in the GP Planning Area are due to the development of housing in floodplains places near water sources. The sources as identified in the PEIR of flooding within the GP Planning Area include the San Joaquin River, Big Dry Creek and its associated Dry Creek Canal, Redbank Creek, and Fancher Creek. In addition, tributaries that flow into such creeks include the Pup Creek, Alluvial Drain, and Dog Creek. The GP PEIR stated the FIRMS the areas below the bluff line (Redbank Creek and Detention Basin) of the San Joaquin River are within the Special Flood Hazard Area (SFHA) Zone A which are areas within the floodplain of the base flood or 1 percent exceedance probability flood event (100-year recurrence interval).

Although designed to reduce flood damage, dams and basins have the potential for floods event. Dams and basins within the Planning Area include; Big Dry Creek Dam, Redbank Creek Dam and Detention Basin, and the Fancher Creek Dam. These provide the community with a 0.5 percent exceedance probability level of protection (200-year recurrence interval).

As concluded in the GP PEIR, requirements set forth in the Floodplain Ordinance flood proofing development in floodplain and with implementation of the GP policies would reduce GP impacts associated with housing located in a 100-year flood hazard area to less than significant. Therefore, the GP PEIR determined impacts to flood hazards would be less than significant.

Inundation by Seiche, Tsunami, or Mudflow

The GP PEIR discussed that the GP Planning Area is located outside a tsunami hazard zone according to the Statewide Tsunami Inundation Maps by California Emergency Management Agency. In addition, the nearest body of water that could produce a seiche is the Big Creek Dry Dam and Reservoir. However, development of the GP would not be introduced in or near the area, and due to its size would not create inundation.

The PEIR also concluded that the although the San Joaquin Bluffs are susceptible to soil erosion, the GP would not result in significant development near the Bluffs. To further minimize the potential impact, the GP included the objective NS-2 to implement policies to minimize potential hazardous geological and soil conditions. As a result, the PEIR concluded there would be no risk of inundation by seiche, tsunami or mudflow in the City, and would not be increased as a result of development under the GP. Therefore, no impact would occur.

GP GOALS AND POLICIES

Policy POSS-6-b: Effects of Stormwater Discharge. Support efforts to identify and mitigate cumulative adverse effects on aquatic life from stormwater discharge to the San Joaquin River.

- Avoid discharge of runoff from urban uses to the San Joaquin River or other riparian corridors.
- Approve development on sites having drainage (directly or indirectly) to the San Joaquin
- River or other riparian areas only upon a finding that adequate measures for preventing pollution of natural bodies of water from their runoff will be implemented.
  Periodically monitor water quality and sediments near drainage outfalls to riparian areas. Institute remedial measures promptly if unacceptable levels of contaminant(s) occur.

Policy NS-1-a: Seismic Protection. Ensure seismic protection is incorporated into new and existing construction, consistent with the Fresno Municipal Code.

Objective NS-2: Minimize risks of property damage and personal injury posed by geologic and seismic risks.

Policy NS-2-b: Soil Analysis Requirement. Identify areas with potential geologic and/or soils hazards, and require development in these areas to conduct a soil analysis and mitigation plan by a registered civil engineer (or engineering geologist specializing in soil geology) prior to allowing on-site drainage or disposal for wastewater, stormwater runoff, or swimming pool/spa water.

Policy NS-3-e: Pollutants. Work with FMFCD to prevent and reduce the existence of urban stormwater pollutants pursuant to the requirements of the National Pollution Discharge Elimination Systems Act.

Policy PU-8-c: Conditions of Approval. Set appropriate conditions of approval for each new development proposal to ensure that the necessary potable water production and supply facilities and water resources are in place prior to occupancy.

Policy PU-8-g: Review Project Impact on Supply. Mitigate the effects of development and capital improvement projects on the long - range water budget to ensure an adequate water supply for current and future uses.

Objective RC-6. Ensure that Fresno has a reliable, long‑range source of drinkable water.

Policy RC-6-a: Regional Efforts. Support cooperative, multi‑agency regional water resource planning efforts and activities on developing and implementing the Upper Kings Basin Integrated Regional Water Management Plan.

Policy RC-6-b: Water Plans. Adopt and implement ordinances, standards, and policies to achieve the intent of the City of Fresno Urban Water Management Plan, Fresno‑Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resources Management Plan to ensure a dependable supply of water.

Policy RC-6-c: Land Use and Development Compliance. Ensure that land use and development projects adhere to the objective of the Fresno Metropolitan Water Resources Management Plan to provide sustainable and reliable water supplies to meet the demand of existing and future customers through 2025.

GP PEIR MITIGATION MEASURES

MM HYD‑2.1 The City shall continue to be an active participant in the North Kings Groundwater Sustainability Agency and the implementation of the North Kings Groundwater Sustainability Plan in order to ensure that the Kings Subbasin has balanced levels of pumping and recharge.

MM HYD‑3.1 The City shall implement the following measures to reduce the impacts on the capacity of existing or planned SDFCMP collection systems:

- Coordinate with FMFCD to implement the existing Storm Drainage and Flood Control Master Plan (SDFCMP) for collection systems in drainage areas where the amount of imperviousness is unaffected by the change in land uses.
- Coordinate with FMFCD to update the SDFCMP in those drainage areas where the amount of imperviousness increased due to the change in land uses to determine the changes in the collection systems that would need to occur to provide adequate capacity for the stormwater runoff from the increased imperviousness.
- As development is proposed, implement current SDFCMP to provide stormwater collection systems that have sufficient capacity to convey the peak runoff rates from the areas of increased imperviousness.
- Require developments that increase site imperviousness to install, operate, and maintain FMFCD approved on-site detention systems to reduce the peak runoff rates resulting from the increased imperviousness to the peak runoff rates that will not exceed the capacity of the existing stormwater collection systems

MM HYD - 3.2 The City shall implement the following measures to reduce the impacts on the capacity of existing or planned SDFCMP retention basins: Prior to approval of development projects, coordinate with FCMFCD to analyze the impacts to existing and planned retention basins to determine remedial measures required to reduce the impact on retention basin capacity to less than significant. Remedial measures would include: 1. Increase the size of the retention basin through the purchase of more land or deepening the basin or a combination for planned retention basins. 2. Increase the size of the emergency relief pump capacity required to pump excess runoff volume out of the basin and into adjacent canal that convey the stormwater to a disposal facility for existing retention basins. 3. Require developments that increase runoff volume to install, operate, and maintain, Low Impact Development (LID) measures to reduce runoff volume to the runoff volume that will not exceed the capacity of the existing retention basins.

MM HYD - 3.3 The City shall implement the following measures to reduce the impacts on the capacity of existing or planned SDFCMP urban detention (stormwater quality) basins: Prior to approval of development projects, coordinate with FCMFCD to determine the impacts to the urban detention basin weir overflow rates and determine remedial measures required to reduce the impact on the detention basin capacity to less than significant. Remedial measures would include: 1. Modify overflow weir to maintain the suspended solids removal rates adopted by the FMFCD Board of Directors. 2. Increase the size of the urban detention basin to increase residence time by purchasing more land. The existing detention basins are already at the adopted design depth. 3. Require developments that increase runoff volume to install, operate, and maintain, Low Impact Development (LID) measures to reduce peak runoff rates and runoff volume to the runoff rates and volumes that will not exceed the weir overflow rates of the existing urban detention basins

MM HYD - 3.4 The City shall implement the following measures to reduce the impacts on the capacity of existing or planned SDFCMP pump disposal systems: 1. Prior to approval of development projects, coordinate with FCMFCD to determine the extent and degree to which the capacity of the existing pump system will be exceeded. 2. Require new developments to install, operate, and maintain onsite detention facilities, consistent with FMFCD design standards, to reduce peak stormwater runoff rates to existing planned peak runoff rates. 3. Provide additional pump system capacity to maximum allowed by existing permitting to increase the capacity to match or exceed the peak runoff rates determined by the SDFCMP.

MM HYD - 3.5 The City shall coordinate with FCMFCD to develop and adopt a storm drainage update to the SDFCMP for the Southeast Development Area that is designed to

collect, convey and dispose of runoff rates and volumes based on the planned land uses of the approved General Plan

PROJECT-SPECIFIC IMPACTS

a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic.

The Project is within the jurisdiction of the State Water Resources Control Board and the Central Valley Regional Water Quality Control Board (CVRWQCB).

Construction

The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. Implementation of the proposed Project includes the site preparation of the vacant site, and the development involving the construction of a new concrete tilt-up industrial building, ancillary structures, landscaping, and pavement. Site preparation includes the clearing and grubbing of the site which include activities to remove unwanted material such as; weeds, grass, trash, stumps, roots, and/or other material. These activities would expose and loosen sediment and building materials, which have the potential to mix with stormwater and urban runoff and degrade surface and receiving water quality.

Pollutants of concern during construction activity generally include sediment, trash, petroleum products, concrete water (dry and wet), sanitary waste, and chemicals. Each of these pollutants on its own or in combination with other pollutants can have a detrimental effect on water quality. In addition, chemicals, liquid products, petroleum products (such as paints, solvents, and fuels), and concrete-related waste may be spilled or leaded during construction, which would have the potential to be transported via stormwater runoff into nearby receiving waters and eventually may affect surface or groundwater quality. During construction activities, excavated soil would be exposed, thereby increasing the potential for soil erosion and sedimentation to occur compared to existing conditions. In addition, during construction, vehicles and equipment are prone to tracking soil from work areas to paved roadways, which could exacerbate sedimentation of receiving waters.

The Project would be required to comply with CVRWQCB regulations construction activities covered under NPDES would require development of a SWPPP. The Project would implement the use of BMPs during construction to ensure that Project impacts related to construction activities resulting in a degradation of water quality would be less than significant. As part of the SWPPP, erosion and sediment control measures would be included to minimize potential pollutants from entering stormwater during Project construction, and no new impact would occur.

Operation

The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The proposed Project would operate an industrial warehouse for food and beverage distribution, which would introduce the potential for pollutants such as, chemicals from cleaners, pesticides and sediment from landscaping, trash and debris, and oil and grease from vehicles and trucks. These pollutants could potentially discharge into surface waters and result in degradation of water quality. However, the on-site runoff will be collected into catch basins, drain into the underground storm drain system, and then discharged into existing 60-inch storm drain in E. North Avenue near the northern and northeastern portion of the Project site.; The two discharge locations into the existing 60-inch storm drain include one at the northern portion of the site via an 18-inch storm drain, and one at the northeastern portion of the site via upgraded 18-inch to 30-inch storm drain. The proposed Project development would therefore be compliant with the requirements set by the FMFCD, SDMP, and the City's hydrology and LID standards to minimize impervious surfaces and provide acceptable reduction in peak runoff and volume rates. Therefore, the Project would result in a less than significant impact on water quality standards or waste discharge requirements, and no new impacts would occur requiring no mitigation.

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

No New Impact The GP PEIR determined the GP Update would result in a less than significant impact with implementation of mitigation (**MM HYD-2.1**), regarding this topic. Groundwater recharge is facilitated by percolation of stormwater through pervious surface areas to groundwater resources. Increasing the imperviousness of an area could interfere with groundwater recharge capabilities of a given landscape. The Project site is currently vacant and almost entirely pervious surface area. The Project proposes the construction of a new concrete tilt-up industrial building (approximate building footprint of 205,000 sf), ancillary structures, landscaping, and pavement. Although this increase in impervious surface area decreases infiltration, this site is not located in a groundwater recharge area. Therefore, the project would not impede the CVRWQCB ability to manage groundwater, thereby would not substantially deplete groundwater supplies or interfere substantially with groundwater.

Additionally, the City receives its water supply from groundwater and surface water. As detailed in the Urban Water Management Plan (UWMP), strategies are outlined to balance the City's groundwater operations. As stated in Section XIX, water to the Project site would be adequately provided by the City's Public Works Department. Furthermore, The Project would be required to comply with FMFCD's MS4 permit by employing BMPs for on-site detention/retention of stormwater runoff. Therefore, the Project would not substantially interfere with groundwater recharge. No new impacts would occur and no mitigation is required.

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?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed above, construction related to implementation of the proposed Project would expose and loosen building materials and sediment which has the potential to mix with stormwater runoff and result in erosion or siltation offsite. The Construction General Permit requires preparation of a SWPPP, as previously stated, to identify construction BMPs to be implemented as part of the Project to reduce construction related impacts to water quality including impacts associated with soil erosion and siltation. With compliance with the requirements in the Construction General Permit and implementation of the construction BMPs, and with compliance with the City's Municipal Code, construction impacts related to on- or off-site erosion or siltation would be less than significant.

Additionally, the Project site would be developed with an industrial warehouse building, parking, and landscaping and post construction conditions would not include exposed soils. Therefore, the Project would not be susceptible to substantial erosion or siltation on- or off-site. No new impacts would occur, and no mitigation is required.

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. Implementation of the proposed Project would include construction activities that could temporarily alter the existing drainage pattern of the site and could result in flooding on- or off-site if drainage is not properly controlled. However, as described previously, the Construction General Permit requires the preparation of a SWPPP that would address site specific drainage issues related to construction activities and include BMPs to eliminate the potential of flooding or alteration of a drainage pattern during construction activities.

The Project site is vacant and relatively flat, When the site is fully developed, the site's impervious surfaces would inherently increase. As previously stated, the on-site runoff will be collected into catch basins, drain into the underground storm drain system, and then discharged into existing 60-inch storm drain in E. North Avenue near the northern and northeastern portion of the Project site. Proposed development is compliant with the requirements set by the FMFCD and the City's hydrology and LID standards. The Project would result in no increase in runoff and no flood risk to neighboring properties and existing storm drain system. The existing storm drain facility would serve the Project site. Therefore, the Project would result in a less than significant. No new impacts related to flooding on- or off-site would occur, and no mitigation is required.

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?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of mitigation (**MM HYD-3.1** through **-3.5**)regarding this topic. The Project site currently vacant and as previously discussed, once the Project site fully developed would minimally increase the site's impervious surfaces. Therefore, would not substantially increase runoff from the site, and create a less than significant flood risk to neighboring properties and existing storm drain system. Furthermore, compliance with the MS4, as specified in the Construction General Permit, and other existing regulatory requirements, would reduce or eliminate the potential for project operations to cause substantial additional polluted runoff or runoff in excess of existing or planned stormwater drainage systems. Therefore, the Project would result in no new impacts related to runoff which would exceed the capacity of existing or planned stormwater drainage systems, and no mitigation is required.

iv. Impede or redirect flood flows?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The Project site is located on FEMA Flood Insurance Rate Map (FIRM) 06019C2110H and is identified within Zone X, Area of minimal Flood Hazard. The Project would not impede or redirect flood flows that could directly or indirectly impact onsite drainages. Therefore, the Project would result in no new impacts impact related to flood flows, and no mitigation is required.

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed above, the Project site is not within a flood hazard zone, and flooding impacts would not be anticipated. The Project site is over 100 miles from the Pacific Ocean shoreline and based on the inland location of the site, the Project site is not within a tsunami zone. In addition, the nearest body of water with the potential to produce a seiche is the Big Creek Dry Dam and Reservoir, approximately 14 miles from the Project site, therefore not located in a seiche zones. As further discussed in Section IX, the use of hazardous materials within the Project site would have a less than significant impact on the release of hazardous materials. As a result, no new impacts would occur related to the release of pollutants due to project inundation in flood hazard, tsunami, or seiche zones, an no mitigation is required.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No New Impact. This topic was not evaluated under the GP PEIR. The Project site is located within jurisdiction of the CVRWQCB. The CVRWQCB developed the Water Quality Control Plan for the Central Valley Region, *The Water Quality Control Plan (Basin Plan) for the California Regional Water Quality Control Board Central Valley Region Fifth Edition (Central Valley Region, revised 2018)*. The Water Quality Control Plan is designed to preserve and enhance water quality and protect the beneficial uses of all regional waters.

Additionally, the Project site is located within the North Kings Groundwater Sustainability Agency (NKGSA) part of the Kings Subbasin. Furthermore, the Kings Subbasin is part of the larger San Joaquin Valley Groundwater Basin. The planning documents regarding water resources for the City include the City of Fresno UWMP and the City of Fresno Metropolitan Water Resources Management Plan. As noted above, the proposed Project would be required per the Construction General Permit to adhere to NPDES drainage control requirements during construction and operation as well as to FMFCD drainage control requirements. As a result, the proposed Project would not include any other waste discharges that could conflict with the Basin Plan. Therefore, the proposed Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan and no new impacts would occur.

CONCLUSION

With regards to the issue area of Hydrology and Water Quality, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant by adhering to the project conditions of approval, which are consistent with the GP PEIR as described above.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XI. LAND USE AND PLANNING – Would the project:					
a) Physically divide an established community?	☐	☐	☐	☐	☒
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR discussed land use and planning-related impacts in Section 4.11. The GP contains specific policies and objectives that ensure land use impacts are reduced with no mitigation required. The PEIR discussions of land use and planning-related impact areas are summarized below.

As stated in the PEIR, the study area regarding land use and planning impacts is the City of Fresno Planning Area because potential development under the GP is limited to areas within the Planning Area. The Planning Area encompasses the City's incorporated area approximately 113 square miles and the unincorporated areas located in Fresno County approximately 53 square miles.

According to the PEIR, development in accordance with the GP would result in a substantial amount of additional development throughout the Planning Area. Such development included infill and underutilized development within the City, revitalization of existing neighborhoods, new activity centers with mixed uses and neighborhoods, and development within rural/agriculture areas located outside the City and within the Planning Area.

It was anticipated future development in accordance with the GP could create conflicts between existing and new land uses. However, the previously mentioned objectives and policies would reduce land use conflicts and provide for orderly development to reduce the potential to divide established communities. As a result, impacts regarding division of established neighborhoods were determined to be less than significant.

Development in accordance with the GP requires consistency with various federal, state, and local plans, policies, and regulations. The GP serves as a consolidated location for current Community, Specific and other Plan types. As concluded in the PEIR, implementation of the GP was not inconsistent with these Plans, and potential impacts from conflicts with existing land use plans was considered to be less than significant.

PROJECT-SPECIFIC IMPACTS

a) Physically divide an established community?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The Project would construct a new approximately 205,000 square foot concrete tilt-up industrial building and ancillary structures, landscaping, and pavement. The Project site is vacant and designated for Heavy Industrial and zoned IH similar to the surrounding uses. Therefore, the proposed Project would be consistent with the existing land use and zoning designations. The Project would not introduce roadways or other infrastructure improvements that would bisect or transect the Project site or surrounding area. Therefore, the Project would result in no new impacts related to dividing an established community.

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The PEIR affirmed development in accordance with the GP would require consistency with various federal, state, and local plans, policies, and regulations.

As stated in the Project Description, the Project site is designated Employment - Heavy Industrial in the GP, and this land use is intended to accommodate the broadest range of industrial uses including manufacturing, assembly, wholesaling, distribution, and storage activities that are essential to the development of a balanced economic base. In addition, small-scale commercial services and ancillary office uses are also permitted. The maximum floor area ratio (FAR) is 1.5. The Project site is located in IH zoning district which allows for similar land uses.

As previously stated, the Project is consistent with the GP land use designation and the zoning. The Project would not 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. Therefore, the Project would result in no impact.

Objectives and policies applicable to the Project that are included in the General Plan are provided in Table 12, as well as identification of how the Project would be consistent with these objectives and policies.

Table 12: Project Consistency with General Plan

Objective / Policy	Project Consistency
Land Use Element	
Policy LU-1-a: Promote Development within the Existing City Limits as of December 31, 2012. Promote new development, infill, and rehabilitation of existing building stock in the Downtown Planning Area, along BRT corridors, in established neighborhoods generally south of Herndon Avenue, and on other infill sites and vacant land within the City.	*Consistent* – The Project would include construction of a new industrial building including landscaping and architectural treatments would result in an overall benefit to the physical character of the vacant Project site as the site.
Policy LU-1-b: Land Use Definition and Compatibility. Include zoning districts and standards in the Development Code that provide for the General Plan land use designations and create appropriate transitions or buffers between new development with existing uses, taking into consideration the health and safety of the community.	*Consistent* – The Project would construct a modern industrial building consistent with Heavy Industrial GP land use designation. The Project would also comply with all provisions of the IH zone, which mirrors and implements the Heavy industrial land use designation.
Mobility and Transportation	
Objective MT-1: Create and maintain a transportation system that is safe, efficient, provides access in an equitable manner, and optimizes travel by all modes.	*Consistent* – Implementation of the Project provides the construction to complete sidewalks, and curb and gutters along right-of-way at E North Avenue and S East Avenue ultimately tying into existing crosswalk at such intersection. The Projective provides safe pedestrian mobility, therefore is consistent with objective.
Policy MT-2-b: Reduce Vehicle Miles Traveled and Trips. Partner with major employers and other responsible agencies, such the San Joaquin Valley Air Pollution Control District and the Fresno Council of Governments, to implement trip reduction strategies, such as eTRIP, to reduce total vehicle miles traveled and the total number of daily and peak hour vehicle trips, thereby making better use of the existing transportation system.	*Consistent* – As indicated in Section XVII, Project impacts regarding VMT were determined to be less than significant.
Public Utilities and Services	
Policy PU-2-e: Service Standards. Strive to achieve a community wide risk management plan that include the following service level objectives 90 percent of the time: • First Unit on Scene – First fire unit arriving with minimum of three firefighters within 5	*Consistent* – The Project is within 4 min of the nearest fire station, therefore within the 5-minute response zone. As discussed in Section XV, impacts are less than significant.

minutes and 20 seconds from the time the unit was alerted to the emergency incident. • Effective Response Force – Provide sufficient number of firefighters on the scene of an emergency within 9 minutes and 20 seconds from the time of unit alert to arrival. The effective response force is measured as 15 firefighters for low risk fire incidents and 21 firefighters for high risk fire incidents and is the number of personnel necessary to complete specific tasks required to contain and control fire minimizing loss of life and property.	
Policy PU-3-a: Fire Prevention Inspections. Develop strategies to enable the performance of annual fire and life safety inspection of all industrial, commercial, institutional, and multi-family residential buildings, in accordance with nationally recognized standards for the level of service necessary for a large Metropolitan Area, including a self-certification program.	*Consistent* – Coordination with FFD would be ongoing throughout Project planning, construction, and operation.
Policy PU-4-c: System Extension and Cost Recovery. Pursue enlargement or extension of the sewage collection system where necessary to serve planned urban development, with the capital costs and benefits allocated equitably and fairly between the existing users and new users.	*Consistent* – As discussed in Section XIX, the Project would install a sewer house branch to connect to nearby 12-inch sewer main located in S. East Avenue and pay Sewer Connection Charges.
Policy PU-8-b: Potable Water Supply and Cost Recovery. Prepare for provision of increased potable water capacity (including surface water treatment capacity) in a timely manner to facilitate planned urban development consistent with the General Plan. Accommodate increase in water demand from the existing community with the capital costs and benefits allocated equitably and fairly between existing users and new users, as authorized by law, and recognizing the differences in terms of quantity, quality and reliability of the various types of water in the City's portfolio.	*Consistent* – As discussed in Section XIX, the Project would install water service and meter boxes and pay the Water Capacity Fee for installation.
Noise & Safety	
Policy NS-1-a: Desirable and Generally Acceptable Exterior Noise Environment. Establish 65 dB_A L_{dn} or CNEL as the standard for the desirable maximum average exterior noise levels for defined usable exterior areas of residential and noise- sensitive uses for noise, but designate 60 dB_A L_{dn} or CNEL (measured at	*Consistent* – As discussed in Section XIII, the Project would be consistent with City noise standards and would not result in noise impacts.

the property line) for noise generated by stationary sources impinging upon residential and noise- sensitive uses. Maintain 65 dB_A L_{dn} or CNEL as the maximum average exterior noise levels for non-sensitive commercial land uses, and maintain 70 dB_A L_{dn} or CNEL as maximum average exterior noise level for industrial land uses, both to be measured at the property line of parcels where noise is generated which may impinge on neighboring properties.	
Policy NS-1-p: Airport Noise Compatibility. Implement the land use and noise exposure compatibility provisions of the adopted Fresno Yosemite International Airport Land Use Compatibility Plan, the Fresno-Chandler Executive Airport Master and Environs Specific Plan, and the Sierra Sky Park Land Use Policy Plan to assess noise compatibility of proposed uses and improvements within airport influence and environs areas.	*Consistent* – As discussed in Section XIII, the Project is not within an airport influence area, therefore would not result in airport noise compatibility impacts.
Policy NS-2-a: Seismic Protection. Ensure seismic protection is incorporated into new and existing construction, consistent with the Fresno Municipal Code.	*Consistent* – As discussed in Section VII, according to the Geotechnical Engineering Report, a site Class D was selected for the Project site based on soil conditions with standard, and Project foundation design are to be based on the 2019 CBC. Therefore, the Project would be consistent with Chapter 11 of the FMC.
Policy NS-3-b: Curb and Gutter Installation. Coordinate with Fresno Metropolitan Flood Control District (FMFCD) to install curbing, gutters, and other drainage facilities with priority to existing neighborhoods with the greatest deficiencies and consistent with the Storm Drainage and Flood Control Master Plan.	*Consistent* – As discussed in Section XIX, the Project would construct and match existing curb and gutters along S. East Avenue and E. North Avenues, thereby tying into three proposed driveways. Furthermore, the proposed on site storm drain system would convey storm flows at two northernly locations into the City's 60-inch storm drain (Project to upgrade northeastern existing 18-inch storm drain to 30-inch storm drain) in E. North Avenue.
Noise & Safety	
Policy NS-4-a: Processing and Storage. Require safe processing and storage of hazardous materials, consistent with the California Building Code and the Uniform Fire Code, as adopted by the City.	*Consistent* – As identified in Section IX, Project construction and operation would follow federal, state, and local standards. By following applicable standards, the Project would minimize risk to life and property from production, use, storage and transportation of hazardous materials and waste.
Policy NS-6-f: Emergency Vehicle Access. Require adequate access for emergency	*Consistent* – The Project had been viewed by the FFD and would be required to comply with

vehicles in all new development, including adequate widths, turning radii, hard standing areas, and vertical clearance.	requirements of the most recent CBC. Through compliance with City and fire connectivity standards, emergency vehicle access measures would be implemented.
Healthy Communities	
Policy HC-2-c: Prevent Crime through Design. Incorporate Crime Prevention Through Environmental Design (CPTED) principles and best practices into project review procedures for new development and major renovations.	*Consistent* – As discussed in Section I, the Project provides adequate site lighting for safety, as well as a gated entry with adequate emergency access for added site security. Therefore, the Project would be consistent with the City's crime reduction efforts.
Policy HC-2-e: Bike and Pedestrian Network. Continue to promote alternative modes of transportation through development and maintenance of a citywide pedestrian and bicycle network.	*Consistent* – The Project proposes to connect the proposed pedestrian walkways by matching existing walkways with construction of new driveways. Therefore, the Project would support alternate modes of transportation within the area.
Policy NS-4-e: Compliance with County Program. Require that the production, use, storage, disposal, and transport of hazardous materials conform to the standards and procedures established by the County Division of Environmental Health. Require compliance with the County's Hazardous Waste Generator Program, including the submittal and implementation of a Hazardous Materials Business Plan, when applicable.	*Consistent* – As identified in Section IV, Project construction and operation would follow federal, state, and local standards. By following applicable standards, the Project minimize risk to life and property from production, use, storage and transportation of hazardous materials and waste.
Resource Conservation and Resilience	
Policy RC-5-a: Support State Goal to Reduce Statewide GHG Emissions. As is consistent with State law, strive to meet AB 32 goal to reduce greenhouse gas emissions to 1990 levels by 2020 and strive to meet a reduction of 80 percent below 1990 levels by 2050 as stated in Executive Order S-03-05. As new statewide GHG reduction targets and dates are set by the State update the City's Greenhouse Gas Reduction Plan to include a comprehensive strategy to achieve consistency with those targets by the dates established.	*Consistent* – Evaluation of Project impacts related to greenhouse gas emissions is discussed in Section VIII, Greenhouse Gases. As concluded in Section VII, the Project would be consistent with applicable GHG reduction plans and would result in a less than significant impact from GHG emissions.
Policy RC-6-b: Water Plans. Adopt and implement ordinances, standards, and policies to achieve the intent of the City of Fresno Urban Water Management Plan, Fresno-Area Regional Groundwater Management Plan, and City of Fresno Metropolitan Water Resources Management Plan to ensure a dependable supply of water.	*Consistent* – As discussed in Section XIX, the Project would install water service and meter boxes and pay Water Capacity Fee for installation.

Policy RC-7-h: Landscape Water Conservation Standards. Refine landscape water conservation standards that will apply to new development installed landscapes, building on the State Model Water Efficient Landscape Ordinance and other State regulations. • Evaluate and apply, as appropriate, augmented xeriscape, "water-wise," and "green gardening" practices to be implemented in public and private landscaping design and maintenance. • Facilitate implementation of the State's Water Efficient Landscape Ordinance by developing alternative compliance measures that are easy to understand and observe.	*Consistent* – The Project would be equipped with a low flow irrigation system with smart technology supporting climate-appropriate ornamental trees, shrubs, and groundcover ranging from moderate to low water needs.
Policy RC-8-a: Existing Standards and Programs. Continue existing beneficial energy conservation programs, including adhering to the California Energy Code in new construction and major renovations.	*Consistent* – Energy efficient and climate-friendly appliances and equipment would be incorporated into Project design as appropriate and feasible.

Therefore, the Project would result in no new impacts related to conflicts with a land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect.

CONCLUSION

With regards to the issue area of Land Use and Planning, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant. Therefore, the Project would not result in an impact which was not adequately evaluated by the GP PEIR.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XII. MINERAL RESOURCES – Would the project:					
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	☐	☒
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☐	☒

Summary of Impacts Identified in the GP PEIR

The PEIR concluded that impacts to mineral resources were less than significant with implementation of GP objective and policies to conserve aggregate mineral resources within the Planning Area. These mineral resources are located in and immediately adjacent to the Planning Area along the San Joaquin River Corridor, and are being removed via surface mining operations. Such activities have been and will continue to require conditional use permits. Furthermore, these activities will continue until the resources are substantially removed, and until it is no longer economically feasible to mine the areas as stated in the following policy of City's 2000 GP, Land Use Element.

Policy LU-C.6: The County may allow the extraction of rock, sand, and gravel resources along the San Joaquin River consistent with the Minerals Resources section policies of the Open Space and Conservation Element.

PROJECT-SPECIFIC IMPACTS

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?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. Although the City has active surface mining operations adjacent to the Planning Area, the California Department of Conservation does not designate the City as being within a Significant Mineral Aggregate Resource Area (SMARA). The GP

PEIR determined that principal mineral resources located in and immediately adjacent to the Planning Area are aggregate materials along the San Joaquin River corridor. The corridor is approximately 72 miles to the northeast of the Project site. Thus, known mineral resources associated with the corridor would not be found within the site. In addition, the Project site has not been previously used for mineral resource extraction and is zoned as heavy industrial district/urban growth management Subsurface conditions encountered by the geotechnical borings predominantly consisted of sandy silt underlain by interbedded layers of sandy silt and silty sand, poorly-graded sand, and poorly graded sand with silt to the maximum depth of 41.5 feet below site grade. Therefore, the Project site is not located in the area of such active mineral extraction activities, nor within SMARA. Therefore, no new impacts related to loss of availability of a known mineral resource would occur.

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?

No New Impact. This environmental topic was included under Impact MIN-2 (Section 4.12) of the PEIR where it was concluded impacts from development of the GP would be less than significant. The GP includes designated areas of locally important mineral resource recovery within the San Joaquin River Corridor (MRZ-2). However, such area is designated Open Space and other surrounding areas including the Project site are within MRZ-3 designations which the City does not prohibit development. Therefore, the Project would result in no new impacts related to locally important mineral resources.

CONCLUSION

With regards to the issue area of Mineral Resources, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant. Therefore, the Project would not result in an impact which was not adequately evaluated by the GP PEIR.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XIII. NOISE – Would the project result in:					
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☐	☐	☒
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	☐	☒
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR discussed noise and vibration impacts in Section 4.13. The PEIR analyzed a range of potential impacts related to noise and vibration, including exposure of existing and new development to excessive noise levels, increased traffic noise from buildout projections, a cumulative increase in citywide noise levels, and construction-related noise and vibration.

According to the PEIR, implementation of the GP would generate or expose noise sensitive receptors to ambient noise levels in excess of standards established in the City's GP and noise ordinance.

The GP includes Policies NS-1-a through NS-1-p to specifically address noise impacts from but not limited to cumulative noise level exposure from short-term construction activities, and long-term impacts from roadways, aircraft, trains, and stationary sources. This exposure was expected to occur in areas with high commercial and industrial uses, as well as such areas adjacent to residential uses. Adherence to these GP policies would reduce noise impacts from these sources; however, long-term impacts remained significant and unavoidable. Short-term construction impacts were determined to be less than significant due to requirements set forth in City's noise ordinance and activities are to be conducted pursuant to construction permits.

Implementation of the following General Plan policies was determined to reduce noise impacts, although the long-term impacts would remain significant and unavoidable:

Policy NS-1-a. Desirable and Generally Acceptable Exterior Noise Environment. Establish 60 dB LDN or CNEL as the standard for the desirable maximum average exterior noise levels for defined usable exterior areas of residential and noise-sensitive uses for noise, but accept 65 dB LDN or CNEL for noise generated by transportation sources.

Policy NS-1-b. Conditionally Acceptable Exterior Noise Exposure Range. Establish the conditionally acceptable noise exposure level range for residential and other noise sensitive uses to be 65 dB Ldn or require appropriate noise reducing mitigation measures as determined by a site specific acoustical analysis to comply with the desirable and conditionally acceptable exterior noise level and the required interior noise level standards set in Table G below.

Policy NS-1-c. Generally Unacceptable Exterior Noise Exposure Range. Establish the exterior noise exposure of greater than 65 dB Ldn or CNEL to be generally unacceptable for residential and other noise sensitive uses for noise generated by sources in Policy NS-1-a, and study alternative less noise-sensitive uses for these areas if otherwise appropriate. Require appropriate noise reducing mitigation measures as determined by a site specific acoustical analysis to comply with the generally desirable or generally acceptable exterior noise level and the required 45 dB interior noise level standards set in Table G as conditions of permit approval.

Policy NS-1-g. Noise mitigation measures which help achieve these noise level targets may include, without limitation, the following:

- Construct façades with substantial weight and insulation;
- Use sound-rated windows for primary sleeping and activity areas;
- Use sound-rated doors for all exterior entries at primary sleeping and activity areas;
- Use minimum setbacks and exterior barriers;
- Use acoustic baffling of vents for chimneys, attic and gable ends;

- Install a mechanical ventilation system that provides fresh air under closed window conditions.

Policy NS-1-h. Interior Noise Level Requirement. Comply with the State Code requirement that any new multifamily residential, hotel, or dorm building exposed to exterior noise levels above 60 decibels CNEL must be designed to incorporate noise reduction measures to meet the 45 dB LDN interior noise criterion, and apply this standard as well to all new single-family residential and noise sensitive issues.

Policy NS-1-i. Mitigation by New Development. Require a noise study where new development of industrial, commercial or other noise generating land uses (including transportation facilities such as roadways, railroads, and airports) may result in noise levels that exceed the noise level exposure criteria established by Tables 9-2 and 9-3 to determine impacts, and require developers to mitigate these impacts in conformance with Tables 9-2 and 9-3 as a condition of permit approval through appropriate means.

- Noise mitigation measures may include, but are not limited to:
- Screen and control noise sources, such as parking and loading facilities, outdoor activities, and mechanical equipment;
- Increase setbacks for noise sources from adjacent dwellings;
- Retain fences, walls, and landscaping that serve as noise buffers;
- Use soundproofing materials and double-glazed windows;
- Use open space, building orientation and design, landscaping and running water to mask sounds; and
- Control hours of operation, including deliveries and trash pickup, to minimize noise impacts.
- Alternative acoustical designs that achieve the prescribed noise level reduction may be approved by the City, provided a qualified Acoustical Consultant submits information demonstrating that the alternative designs will achieve and maintain the specific targets for outdoor activity areas and interior spaces. As a last resort, developers may propose to construct noise walls along state routes (freeways and expressways), super arterials, and arterials when compatible with aesthetic concerns and neighborhood character. This would be a developer responsibility, with no City funding.

Policy NS-1-j. Significance Threshold. Establish, as a threshold of significance for the City's environmental review process, that a significant increase in ambient noise levels is assumed if the project would increase noise levels in the immediate vicinity by 5 dB LDN or CNEL or more.

Policy NS-1-k. Proposal Review. Review all new public and private development proposals that may potentially be affected by or cause a significant increase in noise levels, per Policy NS-1-i, to determine conformance with the policies of this Noise Element. Require developers to reduce the noise impacts of new development on adjacent properties through appropriate means.

Policy NS-1-m. Transportation Related Noise Impacts. For projects subject to City approval, require that the project sponsor mitigate noise created by new transportation and transportation related stationary noise sources, including roadway improvement projects, so that resulting noise levels do not exceed the City's adopted standards for noise-sensitive land uses.

Policy NS-1-n. Best Available Technology. Require new noise sources to use best available control technology to minimize noise emissions.

GP PEIR MITIGATION MEASURES

MM NOI - 2 Construction Vibration. The use of heavy construction equipment within 25 feet of existing structures shall be prohibited.

PROJECT-SPECIFIC IMPACTS

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 in other applicable local, state, or federal standards?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impacts (short-term), and result in significant and unavoidable impacts, with no feasible mitigation measures available (long-term), regarding this topic.

Certain land uses are considered more sensitive to noise than others including residential areas, educational facilities, hospitals, childcare facilities, and senior housing. The Project site is primarily surrounded by industrial uses. For the purposes of this analysis, the surrounding noise receptors are the existing DMV office, approximately 120 feet west of the Project boundary, and the existing religious use building at 3060 S. Cherry Street, approximately 1,100 feet to the west of the Project boundary.

Sort-Term Construction Noise Impacts

Construction activities for the proposed Project are anticipated to include site preparation and grading, building construction of the proposed 205,000 sf industrial building, paving of onsite driveways, parking lots and truck loading area, and application of architectural coatings. Noise impacts from such construction activities would be a function of the noise generated by construction equipment, equipment proximity to nearby land uses, and the timing and duration of the construction activities.

Section 10-101 of the City's Municipal Code contains the City's Noise Ordinance, which establishes noise guidelines and exemptions for excessive noise. Standards are set for ambient noise based on district type (residential, commercial, and industrial) and time of day. Industrial noise standards are applicable to the Project. Construction noise is exempt from

such standards when work takes place between 7:00 a.m. and 10:00 p.m. on any day except Sundays.

Construction noise impacts to the nearby sensitive receptors have been calculated as part of the *Noise and Vibration Impact Analysis* completed for the Project (Appendix G). Noise emission estimates show that the greatest noise generation would occur during the grading phase of construction, with a composite noise level as high as 87dBA Leq at a distance of 50 feet.

Table 13 shows the nearest sensitive uses to the Project site, and their distance from the center of construction activities, and composite noise levels expected during construction. These noise level projections do not take into account intervening topography or barriers. Construction equipment calculations are provided in Appendix B of the *Noise and Vibration Impact Analysis*.

Table 13: Potential Construction Noise Impacts at Nearest Receptor

Receptor	Direction	Composite Noise Level (dBA Leq) at 50 feet[1]	Distance (feet)	Composite Noise Level (dBA Leq)
DMV Commercial Office	West	87	575	66
Religious Use	West		1,480	58

Source: Compiled by LSA (2022).
[1] The composite construction noise level represents the grading phase which is expected to result in the greatest noise level as compared to other phases.
dBA Leq = average A-weighted hourly noise level

While construction noise will vary, it is expected that composite noise levels during construction at the nearest off-site sensitive uses to the north would reach 66 dBA Leq. These predicted noise levels would only occur when all construction equipment is operating simultaneously, a conservative assumption that would overestimate Project noise levels at the sensitive receptor locations. While construction-related short-term noise levels have the potential to be higher than existing ambient noise levels in the Project area under existing conditions, the noise impacts would no longer occur once Project construction is completed.

As stated above, noise impacts associated with construction activities are regulated by the City's noise ordinance. The proposed Project would be required to comply with the construction hours specified in the City's Noise Ordinance, which states that construction activities are allowed between 7:00 a.m. and 10:00 p.m., any day except Sundays.

In addition to compliance with the City's Municipal Code allowed days and hours of construction, the following construction best practices (Mitigation Measure, MM NOI-1), when implemented, further minimize construction noise impacts:

- The Project construction contractor shall equip all construction equipment, fixed or mobile, with properly operating and maintained noise mufflers consistent with manufacturer's standards.
- The Project construction contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the Project site whenever feasible.

Through adherence to the limitation of allowable construction days and times for noise provided in Section 10-109 of the Municipal Code and the use of best management practices, construction-related noise levels would not exceed any standards established in the GP or Noise Ordinance nor would construction activities create a substantial temporary increase in ambient noise levels from construction of the proposed Project. No new impacts would occur, and no mitigation is required.

Long-Term Operation Noise Impacts

The proposed Project would consist of the development and operation of an industrial building used for food and beverage storage. As such, the near-by off-site DMV office and the religious use building would be potentially exposed to stationary-source noise impacts from the proposed Project's on-site rooftop equipment, truck deliveries, truck maintenance facility, and loading and unloading activities. According to the Project's *Noise and Vibration Impact Analysis* (Appendix G), 3-D noise modeling (SoundPLAN) was used to incorporate the site topography, and shielding from other building to determine the future noise impacts from Project operations to the noise sensitive uses.

The Project would have various rooftop mechanical equipment including HVACunits on the proposed building. Conservatively, the equipment could operate 24 hours per day and would generate sound power levels (SPL) of up to 98.6 dBA SPL, based on data provided by the Project engineer.

Air nozzles, torque guns, vehicle lifts, and other typical pieces of equipment used in an auto mechanic garage would be located in the truck maintenance area of the Project site to provide maintenance to vehicles and trucks. According to the noise analysis, sound-power levels for these pieces of equipment are 113.0 dBA SPL, 105.4 dBA SPL, and 92.4 dBA SPL, and it is assumed such equipment could operate for more than 30 minutes in a given hour conservatively.

Delivery trucks would arrive and depart the site via access at the most western driveway along E. North Avenue. Delivery trucks would approach the loading docks along the western portion of the Project site. Noise levels associated with truck engine noise, air brakes, and back-up alarms would generate a noise level of 76.3 dBA L_{eq} at 20 ft (LSA measurements from similar study in 2016). These noise levels would occur for a shorter period of time (less than 5 minutes), and it was assumed conservatively in the noise analysis that truck arrivals and departure activities could occur for more than 30 minutes in a given hour.

Noise levels generated by delivery trucks would be similar to noise readings from truck loading and unloading activities, which generate a noise level of 75 dBA Leq at 20 ft (LSA measurements from similar study in 2016). It was assumed conservatively in the noise analysis that unloading activities could occur at all docks simultaneously for a period of more than 30 minutes in a given hour.

As shown in Table 14 below, the combined hourly noise levels generated by Project activities at the closest off-site land uses would range from 41.7 dBA L_{eq} to 51.8 dBA L_{eq} at the surrounding sensitive receptors. Although the Project has the potential to operate 24 hours a day and continuous during any given day, noise levels would be below the City's more restrictive nighttime commercial use ambient noise standard of 60 dBA L_{eq}. While the Project noise level impact analysis was completed to show compliance with nighttime noise level standards, the commercial uses are likely to be open during daytime and evening hours. As analyzed, the Project noise levels would not exceed the City's ambient noise standards, therefore impacts would be less than significant.

Table 14: Commercial Use Exterior Noise Level Impact

Receptor	Direction	Nighttime Ambient Noise Level Standard (dBA L_{eq})	Project Generated Noise Levels (dBA L_{eq})	Potential Operational Noise Impact?
DMV Commercial Office	West	60.0	51.8	No
Religious Use	West	60.0	41.7	No

Source: Compiled by LSA (2022)
dBA = A-weighted decibels
L_{eq} = equivalent noise level

As discussed above, long-term operation of the proposed Project would also not create a significant increase in traffic noise or stationary source noise, including noise associated with HVAC equipment, parking lot activities, truck maintenance operations and truck delivery and loading/unloading activities. Therefore, the Project would result in no new impacts related to increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance.

b) Generation of excessive groundborne vibration or groundborne noise levels?

No New Impact. This topic was evaluated in the PEIR in Section 4.13 (Impact NOI-2) where it was determined the GP would result in a less than significant impact with mitigation (MM NOI-2) required. As stated in the PEIR, the City's Development Code (e.g., setbacks, easements, rights-of-way) ensures that in most cases onsite and offsite structures would be separated by at least 25 feet. Thus, construction activities would be buffered by at least 25 feet from existing offsite structures, therefore the GP would allow for more infill development

in more densely developed areas, such as the proposed Project and no new impacts would occur.

Construction

As discussed in the Project's *Noise and Vibration Impact Analysis* (Appendix G), ground-borne vibration is almost exclusively a concern inside buildings and is rarely perceived as a problem outdoors, where the motion may be discernible. Annoyance from vibration often occurs when the vibration exceeds the threshold of perception by 10 dB or less, which is an order of magnitude below the damage threshold for normal buildings.

As shown in Table 15, bulldozers and other heavy-tracked construction equipment (expected to be used for this Project) generate approximately 0.089 PPV in/sec or 87 VdB of ground-borne vibration when measured at 25 ft, based on the Federal Transit Administration (FTA) Manual. The distance to the nearest buildings for vibration impact analysis is measured between the nearest off-site buildings and the Project construction boundary (assuming the construction equipment would be used at or near the Project setback line).

Table 15: Vibration Source Amplitudes for Construction Equipment

Equipment	Reference PPV/LV at 25 ft	
	PPV (in/sec)	LV (VdB)[1]
Pile Driver (Impact), Typical	0.644	104
Pile Driver (Sonic), Typical	0.170	93
Vibratory Roller	0.210	94
Hoe Ram	0.089	87
Large Bulldozer[2]	**0.089**	**87**
Caisson Drilling	0.089	87
Loaded Trucks[2]	**0.076**	**86**
Jackhammer	0.035	79
Small Bulldozer	0.003	58

Source: *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018).
[1] RMS vibration velocity in decibels (VdB) is 1 µin/sec.
[2] Equipment shown in **bold** is expected to be used on site.
µin/sec = microinches per second ft = foot/feet
FTA = Federal Transit Administration in/sec = inch/inches per second
LV = velocity in decibels PPV = peak particle velocity RMS = root-mean-square
VdB = vibration velocity decibels

Based on the information provide in Table 16, vibration levels are expected to approach 0.008 in/sec in PPV at the surrounding structures and would be below the 0.2 in/sec PPV threshold according to the FTA guidelines for a non-engineered timber and masonry buildings (Transit Noise and Vibration Impact Assessment Manual, 2018). Therefore, a less than significant vibration impact is anticipated from construction of the proposed Project.

Table 16: Summary of Construction Vibration Levels

Land Use	Direction	Equipment	Reference Vibration Level (VdB) at 25 ft	Reference Vibration Level (PPV) at 25 ft	Distance (ft)[1]	Maximum Vibration Level (VdB)	Maximum Vibration Level (PPV)
Industrial	West	Large Bulldozers	87	0.089	120	67	0.008

Source: Compiled by LSA (2022).
[1] Distances reflect the closest single-family residence to the construction equipment in each direction. All other homes in a given direction would experience lower vibration levels.
ft = foot/feet
FTA = Federal Transit Administration in/sec = inch/inches per second
PPV = peak particle velocity
VdB = vibration velocity decibels

According to the FTA Manual, the threshold at which vibration levels would result in annoyance would be 84 VdB for commercial and office type uses. Based on the information provided in Table 16, vibration levels are expected to approach 67 VdB at the industrial office uses to the west and would not exceed the annoyance thresholds. Other building structures surrounding the Project site are farther away and would experience further reduced vibration. Further reducing such impacts, according to the City's Municipal Code Sec. 15-2507 Vibration, vibrations from temporary construction, demolition, and vehicles that enter and leave the subject parcel (e.g., construction equipment, trains, trucks, etc.) are exempt from this standard. Therefore, no construction new vibration impacts would occur. No vibration reduction measures are required.

Operation

The proposed Project would consist of the development of an industrial building and would result in the addition of passenger vehicles and trucks entering and exiting the site. As concluded in the vibration analysis, long-term Project operations would not generate substantive vibration due to rubber tires and suspension systems of on-road vehicles. Therefore, vibration levels generated from Project-related traffic onsite and on adjacent roadways would be less than significant and no mitigation measures are required. Therefore, the Project would result in no new impacts related to ground born vibration.

c) 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 expose people residing or working in the project area to excessive noise levels?

No New Impact. This topic was evaluated in the PEIR and it was determined the GP would result in a less than significant impact. The Project would not expose people working in the Project site to excessive noise levels from aircraft. The nearest airport is Fresno Chandler Executive Airport located approximately 3.6 miles to the northwest and the Project site is located outside of the noise contours of the airport. Therefore, the Project would result in no

new impacts related to exposure of people residing or working in the Project site to excessive noise levels from aircraft.

MITIGATION MEASURES

MM NOI-1 Construction Equipment Best Practices

- The Project construction contractor shall equip all construction equipment, fixed or mobile, with properly operating and maintained noise mufflers consistent with manufacturer's standards.
- The Project construction contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the Project site whenever feasible.

CONCLUSION

With regards to the issue area of Noise, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR have been incorporated into the Project. The mitigation measure, as detailed above, requires the construction contractor to implement best practices to further reduce short-term construction noise impact in addition to the requirement of project applicant to comply with the City Noise Ordinance.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

Municipal Code Section 10-109 - Exceptions

Municipal Code Section 15-2507 - Vibration

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XIV. POPULATION AND HOUSING – Would the project:					
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☐	☒
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR addressed population and housing impacts in Section 4.14. According to the PEIR, implementation of the GP would facilitate the construction of new housing in Fresno, which would increase the city's population over time. The 2050 population forecast by San Joaquin Valley Demographics Forecasts (SJVDF) predicts the City's estimated population will increase to a total 970,000 residents by 2056 the buildout year. Development facilitated by the GP would result in approximately 332,004 total residential units and approximately 393,200 total jobs at buildout. Exceedance of SJVDF population forecasts is not anticipated.

The PEIR concluded population growth would not exceed anticipated forecasts, substantial growth would not occur, and GP-related impacts to population and housing would be less than significant. Furthermore, the PEIR concluded that the GP would not result in the displacement of substantial numbers of people or housing. Impacts were less than significant, and no mitigation measures were required or identified.

PROJECT-SPECIFIC IMPACTS

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)?

No New Impact. This topic was evaluated in the PEIR (Section 4.14) where it was determined the GP would result in a less than significant impact, with no mitigation required. The proposed Project would not directly result in unplanned population growth because it does not propose any residential dwelling units and would be consistent with the GP land use and zoning designations for the site that are used by both local and regional agencies to determine anticipated growth.

The IH zoning designation does not include standards for lot size or density. The proposed Project would result in a FAR of 0.32. The Project is consistent with the IH property development standards, that are ultimately verified by the City during the development review and building approval process. Therefore, the Project would result in no new impacts related to unplanned population growth.

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

No New Impact. This topic was evaluated in the GP PEIR where it was determined the GP would result in a less than significant impact. The Project proposes the construction of industrial warehouse building on a vacant site with no residences. The Project would not result in displacement of existing housing or residents, nor necessitate the need for housing elsewhere. Therefore, the Project would result in no new impacts.

CONCLUSION

With regards to the issue area of Population and Housing, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP GOALS AND POLICIES APPLICABLE TO THE PROJECT
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XV. PUBLIC SERVICES – Would the project:					
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	☐	☐	☐	☐	☒
Fire protection?	☐	☐	☐	☐	☒
Police protection?	☐	☐	☐	☐	☒
Schools?	☐	☐	☐	☐	☒
Parks?	☐	☐	☐	☐	☒
Other public facilities?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR discussed impacts to public services in Section 4.15 where it was determined the GP would result in a less than significant with implementation of GP objectives, policies, and mitigation measures **MM PSR-1.1** through **-1.4**. Each of the following public services is discussed separately in the Public Services chapter:

Police Protection

As discussed in the PEIR, there are multiple agencies that provide police protection services within the GP Planning Area. Agencies include the City of Fresno Police Department (FPD), the Fresno County Sheriff's Department, the California Highway Patrol, Fresno State Police Department, and Fresno City College Police Department. According to the PEIR, buildout of the GP Planning Area would increase the population by approximately 425,000 additional

residents by 2056. Therefore, the GP would have an increase in need for law enforcement and police protection. Based on the FPD goal of 1.5 officers per 1,000 residents, an additional 638 new officers would be required as well as addition equipment and facilities. Although construction of such facilities could result in adverse environmental impacts, such development would be required to follow GP policies, Mitigation Measure **PSR-1.2**, and Municipal Code regulations to ensure impacts would be less than significant.

Policy PU-1-b: Involvement in General Plan. Facilitate Police Department participation in the implementation of General Plan policies, including citizen participation efforts and the application of crime prevention design measures to reduce the exposure of neighborhoods to crime and to promote community security.

- Facilitate Police Department communication with citizen advisory committees.
- Refer appropriate development entitlements to the Police Department for review and comment.

Policy PU-1-c: Safety Considerations in Development Approval. Continue to identify and apply appropriate safety, design and operational measures as conditions of development approval, including, but not limited to, street access control measures, lighting and visibility of access points and common areas, functional and secure on‐site recreational and open space improvements within residential developments, and use of State licensed, uniformed security.

GP PEIR MITIGATION MEASURES

MM PSR-1.2 As future police facilities are planned, environmental review of proposed facilities shall be completed to meet the requirements of CEQA. Typical impacts from police facilities include air quality/ greenhouse gas emissions, noise, traffic, and lighting.

Fire Protection

As discussed in the PEIR, the City of Fresno Fire Department (FFD) provides fire prevention, fire suppression, hazardous material mitigation, rescue, and emergency medical services within the City limits. Emergency medical service is provided to all City residents by the FFD, however emergency transport is provided by private carriers (e.g. private ambulance companies). When the GP was analyzed in 2014, the FFD did not meet target response times due to cuts in the number of units available to respond.

Buildout of the Planning Area may require additional FFD personnel and additional facilities to provide adequate fire protection services. New or physically altered fire facilities could result in adverse environmental impacts and implementation of the GP policies, mitigation measure **PS-1.1**, and Municipal Code regulation would ensure impacts would be less than significant.

Applicable GP Policies for the Project include:

Policy PU-2-e. Service Standards: Strive to achieve a community wide risk management plan that includes the following service level objectives 90 percent of the time:

- First Unit on Scene – First fire unit arriving with minimum of three firefighters and ability to apply suppressing agent within 6 minutes and 20 seconds from emergency call (7 minutes and 30 seconds with 9-11 processing time).
- Effective Response Force – Provide sufficient number of firefighters on scene of an emergency (17 for low risk, 23 for high risk) within nine minutes and 20 seconds from time to alert to arrival.

Policy PU-3-d: Review Development Applications. Continue Fire Department review of development applications, provide comments and recommend conditions of approval that will ensure adequate on‐site and off‐site fire protection systems and features are provided.

Policy PU-3-e: Building Codes. Adopt and enforce amendments to construction and fire codes, as determined appropriate, to systematically reduce the level of risk to life and property from fire, commensurate with the City's fire suppression capabilities.

Policy PU-3-f: Adequate Infrastructure. Continue to pursue the provision of adequate water supplies, hydrants, and appropriate property access to allow for adequate fire suppression throughout the City.

Policy PU-3-g: Cost Recovery. Continue to evaluate appropriate codes, policies, and methods to generate fees or other sources of revenue to offset the ongoing personnel and maintenance costs of providing fire prevention and response services.

GP PEIR MITIGATION MEASURES

MM PS-1.1 As future fire facilities are planned, environmental review of proposed facilities shall be completed to meet the requirements of CEQA. Typical impacts from fire facilities include air quality/greenhouse gas emissions, noise, traffic, and lighting

Schools

As discussed in the PEIR, the Planning Area of the GP includes various schools that provide primary, secondary, and post-secondary education that would be impacted by the increase in student population anticipated due to the increase in residential development attributable to the GP. As stated in the PEIR, the projected increase in student population within the Planning Area would result in the need for substantial additional elementary, middle, and high schools to serve the future 65,518 students. As buildout of the GP Planning Area continues, construction of new schools or expansion of existing schools are planned accordingly to accommodate the new student populations. It was determined that significant adverse environmental impacts could occur from the construction and operation of the new schools or expansions. Furthermore, the PEIR stated that implementation of GP policy PF-1.8 (not applicable to the proposed Project) and the payment of mandatory school impact fees by

developers in the City, pursuant to Senate Bill 50, would reduce the impact on schools to less than significant.

Policy PF-1.8. The County and school districts should work closely to secure adequate funding for new school facilities. The County shall support the school districts' efforts to obtain appropriate funding methods such as school impact fees.

GP PEIR MITIGATION MEASURES

None.

Parks and Recreational Facilities

According to the PEIR, buildout of the GP would result in a potential population increase of approximately 425,000 additional residents within the Planning Area, therefore increasing the demand for parks and recreational facilities. The PEIR determined, the proposed GP would not meet the City's goal of 5 acres of parkland per 1,000 residents for all City park space and 3 acres per 1,000 residents for Pocket, Neighborhood, and Community Park Space. Although the GP buildout increased demand for parks and recreational facilities, implementation of the GP objectives and policies, and Municipal Codes 12-. would reduce impacts to less than significant. Furthermore, the GP parkland buildout would potentially have significant adverse environmental impacts from the construction and operation of the facilities.

Policy POSS-2-c. Review of Development Applications. Coordinate review of all development applications (i.e., site plans, conditional use permits, and subdivision maps) in order to implement the parks and open space standards of this Plan.

- Assure the provision of adequate active and passive open spaces and facilities as appropriate within residential subdivisions through Development Code requirements for mandatory dedication and improvement of land and/or development fees.
- Require the provision of appropriate outdoor living areas or private open space in multi-family residential developments not subject to the Subdivision Map Act.
- Request open space easements where feasible and warranted to secure appropriate public use of sensitive areas with scenic or recreation values, and for buffering space for sensitive areas.
- Require provision of appropriate open space areas in private projects, in the form of trails, enhanced landscaped setbacks, parks, and water features.
- Evaluate the merits of establishing a development bonus entitlement program in which development incentives (i.e., bonus densities, bonus floor area square footage) are provided for contributions to public recreational facilities on-site or in the vicinity of the development project.

GP PEIR MITIGATION MEASURES

MM PSR - 1.3 As future parks and recreational facilities are planned, environmental review of proposed facilities shall be completed to meet the requirements of CEQA. Typical impacts from park facilities include air quality/greenhouse gas emissions, noise, traffic, and lighting.

Other Public Facilities

According to the PEIR, buildout of the GP Planning Area would increase the population, resulting in an increased demand for other public facilities such as court, libraries, and hospitals. It was determined the population increase (additional 425,000 people) had a substantial increase in the need for new and expanded courts, libraries, and hospitals to serve the future City residents. The PEIR stated there could be significant adverse environmental impacts from the construction and operation of these facilities. Implementation of Mitigation Measure MM PS-5 reduce impacts to less than significant.

MM PSR - 1.4 As future public facilities are planned by the City of Fresno (e.g., court, library, and hospital facilities), environmental review of the proposed facilities shall be completed to meet the requirements of CEQA. Typical impacts from public facilities include air quality/greenhouse gas emissions, noise, traffic, and lighting.

PROJECT-SPECIFIC IMPACTS

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

i. Fire protection?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of GP objectives, policies, and mitigation incorporated (MM PSR-1.1), regarding this topic. The nearest fire station is the FFD Station 5, located at 2571 S Cherry Ave, approximately one and a half mile to the north of the Project site and within the 5-minute response zone. As mentioned, the new industrial warehouse would introduce new employees from implementation of the proposed Project. As a result, the Project would have in an incremental increase in demand for fire protection and emergency medical services during construction and operation. The Project would have approximately 114 on-site employees. The increase in fire service demands from the Project would not require construction of a new or physically altered fire station that could cause environmental impacts. As discussed above in Section IX, the Project would be consistent with the City's GP

goals and policies, including those related to fire hazard and safety. The Project is consistent with the land use and zoning goals for the site and would not result in a substantial or unplanned increase in fire protection service demand beyond that analyzed in the PEIR. Therefore, the Project would no result in new impacts related to fire protection services. Furthermore, ss stated in Section 4.15 of the PEIR, Development Impact Fees are collected for the provision of capital expenditures for future fire facilities subject to CEQA review at the time the facility comes to fruition.

ii. Police protection?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of GP objectives, policies, and mitigation incorporated (MM PS-1.2), regarding this topic. The nearest police department is the Fresno Police Department, Southeast, located at 1617 S Cedar Avenue, approximately 3.9 miles to the northeast of the Project site.

As stated above, the new industrial warehouse would introduce 114 new employees from operation of the proposed Project, resulting in an incremental increase in demand for police protection. The Project would have the potential to increase capacity or population density in the area. However, the proposed Project land use and operation would be similar to surrounding development conditions as analyzed in the PEIR. Therefore, the Project would result in no new impacts related to police protection. In addition, Section 12-4.801 of the City's Municipal Code institutes the collection of development impact fees for all development projects to help pay for future police facilities, subject to CEQA review at the time the facility comes to fruition.

iii. Schools?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of GP objective and policies regarding this topic. Although the Project does not include residential construction, the industrial Project does indirectly induce growth that would create additional students served by Orange Center Elementary School within the Orange Center School District, preschool through 8th grade, and Washington High School within the Washington Unified School District (WUSD), 9th through 12th grade. Therefore, the Project would result in no new impacts related to school services.

iv. Parks?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of GP objectives, policies, and mitigation incorporated (MM PS-1.3), regarding this topic. the Project would not create an additional need for housing; and would not directly increase the residential population of the City and generate additional need for parkland However, the Project would not require construction of new parks or expansion of existing parks that otherwise would result in an impact to the environment. Therefore, the Project would result in no new impacts related to parks.

v. Other public facilities?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with implementation of GP objectives, policies, and mitigation incorporated (MM PS-1.4), regarding this topic. As discussed above, the Project would result in growth in the area and would indirectly create additional demand for public services, including public health services and library services. However, this growth is minimal and would not require the construction of new or expanded public facilities that would otherwise create an impact to the environment. Therefore, the Project would result in no new impacts related to other public facilities.

CONCLUSION

With regards to the issue area of Public Services, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XVI. RECREATION – Would the project:					
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	☐	☒
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR discussed recreational resource impacts in Section 4.15, Impact PSR-1.4. As presented in the PEIR, the City had 632 acres of developed park land as of that date. The PEIR concluded the current inventory of parks would not meet the City's goal of 5 acres of parkland per 1,000 residents for all City park space, and 3 acres per 1,000 residents for Pocket, Neighborhood, and Community Park Space. Development facilitated by the GP would increase the City's population with a commensurate increase in demand for parks and recreation facilities. Funding for park improvements and additions would be available through fees collected under the Quimby Act and other funds and would be expected to keep pace with population growth as it occurs under implementation of the GP. The following GP policies were included for the creation and maintenance of parks in the City. As such, the GP PEIR concluded that, with implementation of GP policies and collection of Quimby Act fees, impacts related to recreation would be less than significant.

PROJECT-SPECIFIC IMPACTS

a) 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?

No New Impact. This topic was not specifically evaluated in the PEIR. However, Section 4.15, Impact PS-1.4, of the GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed above, the Project would not create an additional need for housing; and would not directly increase the residential population of the City and generate additional need for parkland such that use of existing facilities would increase and physical deterioration would be accelerated. Therefore, the Project would result in no new impacts related to physical deterioration of park or recreational facilities.

b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

No New Impact. This topic was not specifically evaluated in the PEIR. However, Section 4.15, Impact PS-1.4, of the GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The Project does not propose the construction or expansion of recreational facilities. As discussed above, the Project would not create an additional need for housing and would not directly increase the residential population of the City that would result in the need for new or expanded recreational facilities the construction of which would result in an impact to the environment. Therefore, the Project would have no new impacts related to expansion of recreational facilities.

CONCLUSION

With regards to the issue area of Recreation, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP GOALS AND POLICIES
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XVII. TRANSPORTATION – Would the project:					
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☐	☐	☒
b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?	☐	☐	☐	☐	☒
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☐	☒
d) Result in inadequate emergency access?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The PEIR addressed transportation/traffic impacts in Section 4.16. Topics examined included roadway, transit, bicycle, pedestrian, rail, and aviation components of the transportation system in the City. The PEIR stated that the increase in population and employment generated as a result of development facilitated by the GP would increase vehicle trips and peak hour traffic volumes throughout and around the City. Thereby, impacting and/or conflicting with adopted policies, plans or programs regarding public transit, bicycle or pedestrian facilities. However, such impacts within the GP Planning Area were considered less than significant with implementation of the following transportation and traffic related objectives and policies. Cumulative impacts to areas outside of the City's SOI (Fresno County, City of Clovis, and Caltrans) were considered significant due to the Project's potential to conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system. Also, the added vehicle trips to roadways would result in operations below the adopted level of service thresholds in the City, unincorporated Fresno County, City of Clovis, and to Caltrans facilities. No mitigation measures beyond the proposed policies were considered feasible to reduce potential significant impacts. The PEIR

concluded that freeway facilities are controlled by Caltrans, and therefore the City cannot guarantee implementation of any capacity improvements to these segments.

The PEIR stated that implementation of the GP would not substantially increase hazards due to design features or incompatible uses due to the Projects processed under the GP would be required to meet all applicable local and state regulatory standards for adequate emergency access (including the Uniform Building Code, California Building Code, Uniform Fire Code, and applicable Municipal Code and Fire Code requirements). As stated in the PEIR, the following policies are related to the implementation of complete streets, the design of transportation facilities consistent with community character, and design of facilities to support economic development, including railroad, truck route design and safety. Therefore, impacts to design hazards and emergency access were determined to be less than significant.

GP GOALS AND POLICIES

The following GP goals and policies were included in the GP PEIR to reduce transportation/traffic impacts to a less than significant level:

Policy LU-1-a: Promote Development within the Existing City Limits as of December 31, 2012. Promote new development, infill, and rehabilitation of existing building stock in the Downtown Planning Area, along BRT corridors, in established neighborhoods generally south of Herndon Avenue, and on other infill sites and vacant land within the City.

Objective MT-1. Create and maintain a transportation system that is safe, efficient, provides access in an equitable manner, and optimizes travel by all modes.

Policy MT-1-a: Transportation Planning Consistent with the General Plan. Continue to review local, regional and inter-regional transportation plans and capital improvement plans, and advocate for the approval and funding of State highway and rail projects, consistent with the General Plan and discourage projects inconsistent with the General Plan.

Policy MT-2-I: Region-wide Transportation Impact Fees. Continue to support the implementation of a metropolitan-wide and region-wide transportation impact fees sufficient to cover the proportional share of a development's impacts to and need for a comprehensive multi-modal transportation system that is not funded by other sources. Work with the Council of Fresno County Governments, transportation agencies (e.g., Caltrans, Federal Transportation Agency) and other jurisdictions in the region to develop a method for determining:

- Regional transportation impacts of new development.
- Regional highways, streets, trails, public transportation, goods movement system components, consistent with the General Plan, necessary to mitigate those impacts and serve projected demand.
- Projected full lifetime costs of the regional transportation system components, including construction, operations, and maintenance.
- Cost covered by established funding sources.

Policy MT-2-i: Transportation Impact Studies. Require a Transportation Impact Study (currently named *Traffic Impact Study*) to assess the impacts of new development projects on existing and planned streets for projects meeting one or more of the following criteria, unless it is determined by the City Traffic Engineer that the project site and surrounding area already has appropriate multi-modal infrastructure improvements.

- When a project includes a General Plan amendment that changes the General Plan Land Use Designation.
- When the project will substantially change the off-site transportation system (auto, transit, bike or pedestrian) or connection to the system, as determined by the City Traffic Engineer.
- Transportation impact criteria are tiered based on a project's location with in the City's Sphere of Influence. This is to assist with areas being incentivized for development. The four zones, as defined on Figure MT-4, are listed below. The following criteria apply, except for roadway segments identified in the traffic evaluation for the PEIR with LOS F for TIZ-II or LOS E or F for TIZ-III:
    - Traffic Impact Zone I (TIZ-I): TIZ-I represents the Downtown Planning Area. Maintain a peak hour LOS standard of F or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.
    - Traffic Impact Zone II (TIZ-II): TIZ-II generally represents areas of the City currently built up and wanting to encourage infill development. Maintain a peak hour LOS standard of E or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.
    - Traffic Impact Zone III (TIZ-III): TIZ-III generally represents areas near or outside the City Limits but within the SOI as of December 31, 2012. Maintain a peak hour LOS standard of D or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 100 or more peak hour new vehicle trips.
    - Traffic Impact Zone IV (TIZ-IV): TIZ-IV represents the southern employment areas within and planned by the City. Maintain a peak hour LOS standard of E or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.

Policy MT-2-m: Use VMT analysis for CEQA. Use Vehicle Miles Traveled (VMT) as the criteria for evaluating transportation impacts under the California Environmental Quality Act (CEQA), pursuant to Senate Bill 743. Level of Service (LOS) may still be used for planning purposes and implementation of Capital Improvement Projects; however, VMT shall be used for determining mitigation under CEQA beginning in July of 2020.

Commentary: In 2013, the State of California passed Senate Bill 743, which eliminated automobile Level of Service (LOS) from transportation analysis under CEQA and replaced it with VMT. This shift from LOS to VMT is intended to better align with other statewide

transportation goals, including reduction of GHG emissions, the creation of multimodal networks, and the promotion of integrated land uses.

Objective MT-5. Establish a well-integrated network of pedestrian facilities to accommodate safe, convenient, practical, and inviting travel by walking, including for those with physical mobility and vision impairments.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

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

No New Impact. The GP PEIR determined the GP Update would result in a significant and unavoidable impact for only areas outside of the City unincorporated Fresno County, City of Clovis, and to Caltrans facilities. No feasible mitigation measures beyond implementation of GP Policy MT-2-j and MT-2-I. The PEIR determined that impacts within the GP Planning Area were less than significant with implementation of the objectives and policies of the GP.

Vehicular access to the Project site is provided from E. North Avenue and S. East Avenue. Along E. North Avenue, vehicular access is provided by a 40-foot-wide driveway near the northwest portion Project site. In addition, a 36-foot-wide driveway is at the northern portion of the Project site. Along S. East Avenue at the southeast portion of the Project site is a 35-foot-wide driveway. Onsite circulation includes a 34-foot-wide (minimum) drive aisle that goes around the building (to the south), connecting to both proposed driveways (northwest and southeast driveways). This drive aisle would provide vehicular access to the parking areas and loading docks in the rear of the building and would serve as the onsite fire lane where parking would be prohibited. Accessible pedestrian paths of travel to the building entrances are provided around the structure with gated access to rear. Pedestrian access from S. East Avenue is provided by pathway at east northeast parking area. Pedestrian and vehicular traffic to and from the Project site would utilize the existing network of regional and local roadways that currently serve the Project site and that were analyzed under the PEIR. In addition, final design plans would be subject to review and approval by the City's Public Works Department prior to the issuance of building permits. As such, the proposed Project would not introduce any new roadways or land uses that would interfere with adopted plans, programs, ordinances, or policies regarding roadway facilities.

The Project's *Trip Generation and Traffic Impact Study Screening Analysis,* notes (Appendix H), a project would generally be required to prepare a Traffic Impact Analysis (TIA) if a project is expected to generate more than 100 vehicle trips during any peak hour, or if the project includes a General Plan Amendment. Project trip generation was evaluated using trip rates

from the Institute of Transportation Engineers (ITE) and estimates of employees, route deliveries and 3rd party deliveries provided by the Project applicant. As shown in Table 17, the Project would generate 59 AM and 84 PM peak hour PCE trips using the data supplied by the Project applicant. The Project would generate fewer than 100 peak hour trips. Therefore, a TIA is not be required for the Project per the City's guidelines.

The Project would be consistent with the objectives and policies from the GP. Therefore, the Project would result in no new impacts as impacts are less than significant and mitigation is not required.

Table 17: Project Trip Generation

Land Use			Daily	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total
Trip Generation Based on ITE Trip Rates									
Trip Rates									
Warehouse (Automobile Trips)[1]		Per TSF	1.65	0.12	0.03	0.15	0.03	0.12	0.15
Warehouse (Truck Trips)[1]		Per TSF	0.06	0.01	0.01	0.02	0.02	0.01	0.03
			1.71	0.13	0.04	0.17	0.05	0.13	0.18
Project Trip Generation (Total Trips)									
Automobile Trip Generation	245.564	TSF	405	30	7	37	9	28	37
Truck Trip Generation	245.564	TSF	15	3	2	5	4	4	7
Total Project Trip Generation			420	32	10	42	12	32	44
Project Trip Generation (PCE Trips)[2]									
Automobile Trip Generation	245.564	TSF	405	30	7	37	9	28	37
Truck Trip Generation	245.564	TSF	37	6	6	12	10	9	18
Total PCE Project Trip Generation			442	36	13	49	18	37	55
Trip Generation Based on Operational Data[3]									
Project Trip Generation (Total Trips)									
Passenger Car Trips									
Delivery Drivers (60 Drivers)[4]			120	0	0	0	0	0	0
On-Site Employees (70 Employees)[5]			158	0	0	0	25	0	25
Part-Time (2 Days/Week) On-Site Employees (15 Employees)[6]			14	14	0	14	0	14	14
Remote Workers On-Site Weekly (55 Employees)[7]			25	25	0	25	0	25	25
Remote Workers On-Site Monthly (50 Employees)[8]			6	6	0	6	0	6	6
Total Passenger Car Trips			321	44	0	44	25	44	69
Truck Trips									
RCCB Fresno Daily Routes (50/day)[9]			100	-	-	-	-	-	-
3rd Party Deliveries[9]			60	3	3	6	3	3	6
Total			160	3	3	6	3	3	6
Total Project Trip Generation			481	47	3	50	28	47	75
Total PCE Generation[2]			721	51	8	59	33	51	84

TSF = Thousand Square Feet

[1]Trip rates from the Institute of Transportation Engineers, Trip Generation,11th Edition, 2021. Land Use Code 150 - Warehousing.

[2]A Passenger Car Equivalent (PCE) Factor of 2.5 is used for all truck trips.

[3] Estimates of employees, routes and 3rd party deliveries provided by Reyes Holdings LLC.

[4] Delivery drivers would work 5 days per week. There would be 2 shifts per day from 4:00 AM - 2:00 PM and from 5:00 AM - 3:00 PM. Delivery drivers would not arrive or depart during the peak hours.

[5] Daily employee trips assume all employees drive alone and that up to 25 percent of employees will leave work during the day for lunch or other personal reasons. A rate of 2.25 trips per employee is used for all employees in the office on a given day. All employee shifts would start and end outside of peak commute periods except for 25 employees who would work from 5:00 PM - 1:30 AM 5 days per week.

[6] A rate of 0.9 trips per employee per day is used for part time (2 days/week) employees. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 2 days per week/5 day week.

[7] A rate of 0.45 trips per employee per day is used for employees who are on site 1 day per week. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per week/5 day week.

[8] A rate of 0.1125 trips per employee per day is used for employees who are on site 1 day per month. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per month/20 day month.

[9] Delivery route trips and 3rd party deliveries are calculated using 2 trips per day (one inbound, one outbound). Delivery route trucks would depart between 4:00 a.m. and 6:00 a.m. and would return between noon and 4:00 p.m., therefore all delivery route trips are outside of the peak hour. 3rd party deliveries are distributed equally throughout the day from 8:00 a.m. to 5:00 p.m. resulting in 11% of delivery trips during each peak hour.

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

No New Impact. On June 25, 2020, the City of Fresno adopted CEQA Guidelines for Vehicle Miles Traveled (VMT) Thresholds. Consistent with Senate Bill 743, VMT thresholds apply to which refers to the analysis of the transportation of on-road cars and light-duty trucks. and do not apply to heavy-duty trucks which are subject to separate collection of rules under CRB jurisdiction and are addressed in previous sections of this document (i.e. air quality, greenhouse gas, and noise). The thresholds are referred to as the City of Fresno VMT Thresholds. The City of Fresno VMT Thresholds adopted a screening standard and criteria that can be used to screen out qualified projects that meet the adopted criteria from needing to prepare a detailed VMT analysis. For development projects, conditions may exist that would presume that a development project has a less than significant impact. These may be size, location, proximity to transit, or trip-making potential. For transportation projects, the primary attribute to consider with transportation projects is the potential to increase vehicle travel, sometimes referred to as "induced travel."

The proposed Project is screened out from requiring a VMT study because the Project would generate fewer than 500 daily trips. According to the City's Screening Criteria 4 – Daily Trip Generation - projects generating less than 500 daily vehicle trips would not be required to complete a VMT assessment. Based on ITE trip rates, the Project would generate 420 daily trips, or when evaluated using operations data, the Project would generate 481 daily trips. Using either method, the Project would generate fewer than 500 daily trips. Therefore, the Project would meet Screening Criteria 4 – Daily Trip Generation and therefore, the project is presumed to have a less than significant impact on VMT and would require no further analysis.

In conclusion, the Project would result in a less than significant VMT impact and is consistent with CEQA Guidelines Section 15064.3(b).

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. This topic was determined to have a less than significant impact as a result of the new and upgraded roadways would be designed according to applicable federal, state, and local design standards. It was determined implementation of the GP would increase the amount of vehicle traffic, and require improvement and expansion of the City's transportation system. However, the objectives and policies outlined above from the GP support development of the transportation system based on complete street concepts that accommodate mobility of all system users and trip purposes as stated in the GP PEIR.

During construction, it is assumed construction activities would not result in roadway closures, or other activities that could create dangerous intersections or incompatible uses. During

short-term construction activities, the proposed Project is not anticipated to result in any substantial traffic queuing on nearby streets, and all construction equipment would be staged within the Project site.

As stated above, the Project proposes development of an industrial warehouse building that includes vehicular access to the Project site provided from E. North Avenue and S. East Avenue. Along E. North Avenue, vehicular access is provided by a 40-foot-wide driveway near the northwest portion Project site. In addition, a 36-foot-wide driveway is at the northern portion of the Project site. Along S. East Avenue at the southeast portion of the Project site is a 35-foot-wide driveway. In addition, the Project site would include a parking area to the north and east of the building, a parking area to the south of the building near the loading docks which includes truck trailer parking stalls. Access to loading ramps and docks would be provided via the half-loop drive aisle accessed from the proposed driveways. Construction of the proposed driveways would also include the installation of a new curb and gutters, and sidewalks to match the existing along Project's frontage within the right-of-way on E North Avenue and S East Avenue. As anticipated by the GP PEIR, the Project is required to be designed according to applicable federal, state, and local design standards. Furthermore, final design plans would be subject to review and approval by the City's Public Works Department prior to the issuance of building permits. As such, the proposed Project would not introduce any new roadways or land uses that would interfere with adopted plans, programs, ordinances, or policies regarding roadway facilities.

Project improvements would be consistent with development standards for streets, sidewalks, and other public places as specified in Chapter 15 of the City Code. The City Department of Public Works would ensure plans are consistent with design standards as part of building permitting. Therefore, the Project would result in no new impacts related to hazards due to a design feature.

d) Result in inadequate emergency access?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. The GP PEIR included objectives and policies that would support the GP implementation to provide adequate emergency access. Therefore, it was determined implementation of the GP would result in a less-than-significant impact related to emergency access.

As discussed in Section 5.9, the Project would not result in roadway closure, or other activities that could impact emergency response or evacuation. During short-term construction activities, the proposed Project is not anticipated to result in any substantial traffic queuing on nearby streets, and all construction equipment would be staged within the Project site.

As previously stated, the Project proposes the construction of driveways for vehicular access to the Project site from both E. North Avenue and S. East Avenue. Along E. North Avenue, vehicular access is provided by a 40-foot-wide driveway near the northwest portion Project site. In addition, a 36-foot-wide driveway is at the northern portion of the Project site. Along S.

East Avenue at the southeast portion of the Project site is a 35-foot-wide driveway. During the operational phase of the proposed Project, onsite access would be required to comply with standards established by the City within the FMC. The proposed Project would provide adequate emergency access to the site via E. North Avenue and S. East Avenue.

Onsite circulation includes a 34-foot-wide (minimum) drive aisle that goes around the building (to the south), of which connects both proposed driveways (northwest and southeast driveways). This drive aisle would provide vehicular access to the parking areas and loading docks in the rear of the building and would serve as the onsite fire lane where parking would be prohibited. Access to the loading dock area would be restricted via swinging tube steel gates. The northern driveway provides access to both driveways along with access to parking and building entrance at the northeast corner of the building. Accessible pedestrian paths of travel to the building entrances are provided around the structure with gated access to rear. Pedestrian access from S. East Avenue is provided by pathway at east northeast parking area. All gated access would have emergency access override system as provided by the Project applicant which would be require City and FFD review and approval. Therefore, the Project would result in no new impacts to emergency access.

CONCLUSION

With regards to the issue area of Transportation and Traffic, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)

None.

GP GOALS AND POLICIES

Policy MT-2-I: Region-wide Transportation Impact Fees. Continue to support the implementation of a metropolitan-wide and region-wide transportation impact fees sufficient to cover the proportional share of a development's impacts to and need for a comprehensive multi-modal transportation system that is not funded by other sources. Work with the Council of Fresno County Governments, transportation agencies (e.g., Caltrans, Federal Transportation Agency) and other jurisdictions in the region to develop a method for determining:

- Regional transportation impacts of new development.

- Regional highways, streets, trails, public transportation, goods movement system components, consistent with the General Plan, necessary to mitigate those impacts and serve projected demand.
- Projected full lifetime costs of the regional transportation system components, including construction, operations, and maintenance.
- Cost covered by established funding sources.

Policy MT-2-i: Transportation Impact Studies. Require a Transportation Impact Study (currently named *Traffic Impact Study*) to assess the impacts of new development projects on existing and planned streets for projects meeting one or more of the following criteria, unless it is determined by the City Traffic Engineer that the project site and surrounding area already has appropriate multi-modal infrastructure improvements.

- When a project includes a General Plan amendment that changes the General Plan Land Use Designation.
- When the project will substantially change the off-site transportation system (auto, transit, bike or pedestrian) or connection to the system, as determined by the City Traffic Engineer.
- Transportation impact criteria are tiered based on a project's location within the City's Sphere of Influence. This is to assist with areas being incentivized for development. The four zones, as defined on Figure MT-4, are listed below. The following criteria apply, except for roadway segments identified in the traffic evaluation for the PEIR with LOS F for TIZ-II or LOS E or F for TIZ-III:
    - Traffic Impact Zone I (TIZ-I): TIZ-I represents the Downtown Planning Area. Maintain a peak hour LOS standard of F or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.
    - Traffic Impact Zone II (TIZ-II): TIZ-II generally represents areas of the City currently built up and wanting to encourage infill development. Maintain a peak hour LOS standard of E or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.
    - Traffic Impact Zone III (TIZ-III): TIZ-III generally represents areas near or outside the City Limits but within the SOI as of December 31, 2012. Maintain a peak hour LOS standard of D or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 100 or more peak hour new vehicle trips.
    - Traffic Impact Zone IV (TIZ-IV): TIZ-IV represents the southern employment areas within and planned by the City. Maintain a peak hour LOS standard of E or better for all intersections and roadway segments. A TIS will be required for all development projected to generate 200 or more peak hour new vehicle trips.

Objective MT-1. Create and maintain a transportation system that is safe, efficient, provides access in an equitable manner, and optimizes travel by all modes.

Policy MT-2-m: Use VMT analysis for CEQA. Use Vehicle Miles Traveled (VMT) as the criteria for evaluating transportation impacts under the California Environmental Quality Act (CEQA), pursuant to Senate Bill 743. Level of Service (LOS) may still be used for planning purposes and implementation of Capital Improvement Projects; however, VMT shall be used for determining mitigation under CEQA beginning in July of 2020.

Commentary: In 2013, the State of California passed Senate Bill 743, which eliminated automobile Level of Service (LOS) from transportation analysis under CEQA and replaced it with VMT. This shift from LOS to VMT is intended to better align with other statewide transportation goals, including reduction of GHG emissions, the creation of multimodal networks, and the promotion of integrated land uses.

Objective MT-5. Establish a well-integrated network of pedestrian facilities to accommodate safe, convenient, practical, and inviting travel by walking, including for those with physical mobility and vision impairments.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XVII. TRIBAL CULTURAL RESOURCES – Would the project:					
a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in PRC 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 PRC section 5020.1(k), or,	☐	☐	☐	☐	☒
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC section 5024.1. In applying the criteria set forth in subdivision (c) of PRC section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed cultural resource impacts, including potential impacts to tribal resources, in Section 4.5. The City has a long cultural history and is within the ancestral territory of multiple tribes. Therefore, the presence of subsurface archaeological, paleontological, and human remains, which could also be tribal cultural resources, may be present, and subject to direct or indirect effects of ground-disturbance activities associated construction from buildout of the GP. The GP PEIR concluded that impacts to archaeological and paleontological resources or human remains would have a less than significant impact with implementation of Mitigation Measure MM CUL-3, Objectives G-11 and HCR-1, and Policy HCR-1-c.

Pursuant to the requirements of SB 18, the City notified eleven Native American tribes of the proposed GPU and accompanying plans. No requests for consultation were received (Appendix D-2 of the GPU PEIR). The GPU PEIR included multiple GP policies that ensure impacts to tribal cultural resources from future development would be less than significant.

GP GOALS AND POLICIES

Objective HCR-1. Maintain a comprehensive, citywide preservation program to identify, protect and assist in the preservation of Fresno's historic and cultural resources.

Policy HCR-1-c. Historic Preservation Ordinance. Maintain the provisions of the City's Historic Preservation Ordinance, as may be amended, and enforce the provisions as appropriate.

Policy HCR-2-d: Native American Sites. Work with local Native American tribes to protect recorded and unrecorded cultural and sacred sites, as required by State law, and educate developers and the community-at-large about the connections between Native American history and the environmental features that characterize the local landscape.

Native American outreach procedures were completed by the City for the GP Planning Area. The GP PEIR concludes that implementation of the GP policies would ensure impacts to archaeological and Native American cultural resources would be less than significant. Therefore, the PEIR concluded the GP would have a less than significant impact on scenic vistas and scenic resources.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size

and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

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

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact with mitigation incorporated (MM CUL-3), regarding this topic.

A Sacred Lands File (SLF) search from the Native American Heritage Commission (NAHC) was conducted on January 13, 2022, by Brian F. Smith & Associates (BFSA). However, no response from the NAHC has been received. Furthermore, as previously detailed in Section 5, Cultural Resources, the Project site does not meet any of the historic resource criteria and does not meet the definition of an historical resource pursuant to CEQA. Therefore, the Project would not result in impacts to historic resources that are listed or eligible for listing. As such, the Project would not result in new impacts related to historic resources that are listed or eligible for listing and have cultural value to a California Native American tribe. As a result, impacts are considered to be less than significant, requiring no mitigation

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

No New Impact. Impacts to cultural resources, including tribal cultural resources, were determined to be less than significant with mitigation incorporated (MM CUL-3). As previously stated, no tribal cultural resources are known to occur on the Project site or nearby. The Project is required to be consistent with G-11. Objective, Objective HCR-1, Policy HCR-1-c, Policy HCR-2-d, which require the preservation of the City's historic and cultural resources, and to protect Native American history.

Assembly Bill (AB) 52 (Chapter 532, Statutes of 2014) establishes a formal consultation process for California tribes as part of the CEQA process and equates significant impacts on "tribal cultural resources" with significant environmental impacts (Public Resources Code [PRC] § 21084.2). AB 52 requires that lead agencies undertaking CEQA review evaluate, just as they do for other historical and archeological resources, a project's potential impact to a tribal cultural resource. In addition, AB 52 requires that lead agencies, upon request of a California Native American tribe, begin consultation prior to the release of a negative declaration, mitigated negative declaration, or EIR for a project. AB 52 does not apply to a Addendum or Notice of Exemption, such as 15183 exemption checklist.

Nevertheless, should human remains be unearthed during grading and excavation activities associated with Project development, and as included in MM CUL-3, the construction contractor would be required by California law to comply with California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98. According to Section 7050.5(b) and (c), if human remains are discovered, the County Coroner must be contacted and if the Coroner recognizes the human remains to be those of a Native American or has reason to believe that they are those of a Native American, the Coroner is required to contact the NAHC by telephone within 24 hours. Pursuant to California Public Resources Code Section 5097.98, whenever the NAHC receives notification of a discovery of Native American human remains from a county coroner, the NAHC is required to immediately notify those persons it believes to be most likely descended from the deceased Native American. The descendants may, with the permission of the owner of the land, or his or her authorized representative, inspect the site of discovery of the Native American human remains and may recommend to the owner or the person responsible for the excavation work means for treatment or disposition, with appropriate dignity, of the human remains and any associated grave goods. The descendants shall complete their inspection and make recommendations or preferences for treatment within 48 hours of being granted access to the site. According to Public Resources Code Section 5097.98(k), the NAHC is authorized to mediate disputes arising between landowners and known descendants relating to the treatment and disposition of Native American human burials, skeletal remains, and items associated with Native American burials.

Through mandatory compliance with California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98, the Project would not result in significant impacts to human remains, and impacts would be less than significant. Therefore, the Project would result in no new impact related to disturbance of human remains. Therefore, the Project would not affect known tribal cultural resources, resulting in a less than significant impact with mitigation incorporated.

CONCLUSION

With regards to the issue area of Tribal Cultural Resources, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. Feasible mitigation measures contained within the GP PEIR (CUL-3) would be applied to the project. The mitigation measure, as detailed below, would require Native American consultation.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP GOALS AND POLICIES

Objective G-11. Safeguard Fresno's heritage by preserving resources which reflect important cultural, social, economic, and architectural features so that community residents will have a foundation upon which to measure and direct physical change.

Objective HCR-1. Maintain a comprehensive, citywide preservation program to identify, protect and assist in the preservation of Fresno's historic and cultural resources.

Policy HCR-1-c. Historic Preservation Ordinance. Maintain the provisions of the City's Historic Preservation Ordinance, as may be amended, and enforce the provisions as appropriate.

Policy HCR-2-d: Native American Sites. Work with local Native American tribes to protect recorded and unrecorded cultural and sacred sites, as required by State law, and educate developers and the community-at-large about the connections between Native American history and the environmental features that characterize the local landscape.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

MM CUL-3 *See Section V, Cultural Resources above.*

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XIX. UTILITIES AND SERVICE SYSTEMS – Would the project:					
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effect?	☐	☐	☐	☐	☒
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☐	☐	☒
c) Result in a determination by the waste water treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☐	☒
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	☐	☒

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR discussed impacts on utilities and service systems in Section 4.17. The analysis addressed stormwater drainage, water supply, wastewater, and solid waste.

Water Supply

As discussed in the GP PEIR, the City's Public Works Department provides water service for Fresno, and the projected water demand for the City at full buildout of the GP, based on a population of 970,000 by the year 2056, is 271,594 AF/year. It was concluded that implementation of the GP would not have sufficient water supplies to serve full buildout, therefore the GP PEIR determined implementation of GP policies and mitigation would be required to reduce impacts.

GP GOALS AND POLICIES

Objective E-22. Manage and develop the City's water facilities on a strategic timeline basis that recognizes the long life cycle of the assets and the duration of the resources, to ensure a safe, economical, and reliable water supply for existing customers and planned urban development and economic diversification.

Policy PU - 8 - c: Conditions of Approval. Set appropriate conditions of approval for each new development proposal to ensure that the necessary potable water production and supply facilities and water resources are in place prior to occupancy.

GP PEIR MITIGATION MEASURES

MM UTL-1.1.1 The City shall evaluate the water conveyance system and, at the time that discretionary projects are submitted for approval by the City, the City shall not approve development that would demand additional water and exceed the capacity of a facility until additional capacity is provided. The following

capacity improvements shall be evaluated for potential environmental impacts and constructed by the City by approximately 2025.

- Construct 65 new groundwater wells, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update. • Construct a 2.0 million gallon potable water reservoir (Reservoir T2) near the intersection of Clovis and California Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.
- Construct a 4.0 million gallon potable water reservoir (Reservoir T5) near the intersection of Ashlan and Chestnut Avenues, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update. • Construct a 4.0 million gallon potable water reservoir (Reservoir T6) near the intersection of Ashlan Avenue and Highway 99, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.
- Construct 50.3 miles of regional water transmission mains ranging in size from 24- inch to 48-inch, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.

MM UTL-1.2.1 The City shall evaluate the water supply system at the time discretionary projects are submitted and shall not approve development that would demand additional water until additional capacity is provided. By approximately the year 2025, the following capacity improvements shall be evaluated for potential environmental impacts and constructed by the City.

- Construct an approximately 30 mgd expansion of the existing northeast surface water treatment facility for a total capacity of 60 mgd, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.
- Construct an approximately 20 mgd surface water treatment facility in the southwest portion of the City, in accordance with Chapter 9 and Figure 9-1 of the 2014 Metro Plan Update.
- Construct a 25,000 AF/year recycled water facility as an expansion to the RWRF in accordance with the January 2014 City of Fresno Metropolitan Water Resources Management Plan. This improvement is required after the year 2025.

Wastewater

As discussed in the GP PEIR, the land use changes between the 2025 Fresno General Plan to the City of Fresno GP were projected to increase dry weather base flows to the treatment plants by an additional 33.6 million gallons per day (MGD). Wastewater treatment requirements and waste discharge requirements when analyzed, would be further exceeded, and potential significant impacts would occur. The GP PEIR concluded, to reduce the potential impacts associated with the wastewater discharge permits, the City needed to increase wastewater treatment capacity and obtain revised and new waste discharge permits.

Implementation of the policies and mitigation measures in the GP PEIR, rendered impacts to less than significant associated with wastewater treatment requirements and waste discharge requirements.

GP GOALS AND POLICIES

Objective PU-6. Ensure the provision of adequate sewage treatment and disposal by utilizing the Fresno-Clovis Regional Wastewater Reclamation Facility as the primary facility, when economically feasible, for all existing and new development within the Metropolitan Area.

Policy PU-6-a: Treatment Capacity and Cost Recovery. Prepare for and consider the implementation of increased wastewater treatment and reclamation facility capacity in a timely manner to facilitate planned urban development within the Metropolitan Area consistent with this General Plan. Accommodate increase in flows and loadings from the existing community with the capital costs and benefits allocated equitably and fairly between existing users and new users, as authorized by law.

GP PEIR MITIGATION MEASURES

MM UTL-1.3.1 The City shall evaluate the wastewater system at the time discretionary projects are submitted and shall not approve development that contributes wastewater to the wastewater treatment facility that could exceed capacity until additional capacity is provided. By approximately the year 2025, the City shall evaluate the potential environmental impacts and construct the following improvements.

- Construct an approximately 70 mgd expansion of the Regional Wastewater Treatment Facility prior to flows reaching 80 percent of rated capacity, and obtain revised waste discharge permits as the generation of wastewater is increased. • Construct an approximately 0.49 mgd expansion of the North Facility and obtain revised waste discharge permits as the generation of wastewater is increased. Mitigation Measure UTL-1.3.2 The City shall evaluate the wastewater system at the time discretionary projects are submitted and shall not approve development that contributes wastewater to the wastewater treatment facility that could exceed capacity until additional capacity is provided. After approximately the year 2025, the City shall evaluate the potential environmental impacts of, and construct the following improvements.
- Construct an approximately 24 mgd Wastewater Treatment Facility within the Southeast Development Area and obtain revised waste discharge permits as the generation of wastewater is increased.
- Construct an approximately 9.6 mgd expansion of the Regional Wastewater Treatment Facility and obtain revised waste discharge permits as the generation of wastewater is increased.

Stormwater Runoff

As discussed in the GP PEIR, the stormwater collection and disposal, and flood control for the City of Fresno are provided by the Fresno Metropolitan Flood Control District (FMFCD). The District has more than 170 urban watersheds that collect stormwater runoff and dispose of the runoff in retention basins, local canals, or the San Joaquin River. Implementation of the GP was determined to result in a significant impact on existing storm water drainage facilities due to the need for new and expanded facilities needed to support the increase in impervious surfaces. The GP PEIR further concluded that potential significant effects could occur with the construction and operation of the future storm water drainage facilities.

GP GOALS AND POLICIES

Policy N-3-b: Curb and Gutter Installation. Coordinate with Fresno Metropolitan Flood Control District (FMFCD) to install curbing, gutters, and other drainage facilities with priority to existing neighborhoods with the greatest deficiencies and consistent with the Storm Drainage and Flood Control Master Plan.

Policy NS-3-e: Pollutants. Work with FMFCD to prevent and reduce the existence of urban stormwater pollutants pursuant to the requirements of the National Pollution Discharge Elimination Systems Act.

GP PEIR MITIGATION MEASURES

MM UTL-1.4.1 Consistent with the Sewer System Management Plan, the City shall evaluate the wastewater collection system at the time discretionary projects are submitted, and shall not approve development that would generate additional wastewater and exceed the capacity of a facility until additional capacity is provided.

Solid Waste and Recycling

As discussed in the GP PEIR in Section 4.17, the City has two exclusive franchise haulers collecting and hauling commercial and multi-family solid waste and recycling material within the City of Fresno. Allied Services is responsible for servicing the northern portion of the City, and Mid Valley Disposal is responsible for servicing the southern portion of the City. Waste collected by the franchise haulers is conveyed to the two landfills that serve the City; American Avenue Landfill and Clovis Landfill.

It was determined that the increase in growth and development as a result of the build-out of the GP could result in an increase of solid waste to transfer centers, landfills, and could contribute to an increased demand for solid waste services throughout the Planning Area. Implementation of the GP would generate approximately 973 tons of solid waste per day, and although the landfills were determined to be adequate to serve the City, implementation of mitigation (MM UTL-4.1) was required to monitor landfill capacity and closure impacts. The

GP PEIR concludes that impacts on waste management and recycling would be less than significant with mitigation incorporated.

GP GOALS AND POLICIES

Objective PU-9. Provide adequate solid waste facilities and services for the collection, transfer, recycling, and disposal of refuse.

Policy PU-9-b: Compliance with State Law. Continue to pursue programs to maintain conformance with the Solid Waste Management Act of 1989 or as otherwise required by law and mandated diversion goals.

GP PEIR MITIGATION MEASURES

MM UTL - 4.1 The City shall evaluate additional landfill locations at the time discretionary projects are submitted, and shall not approve development that could contribute solid waste to a landfill that is at capacity until additional capacity is provided.

PROJECT-SPECIFIC IMPACTS

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

No New Impact. This topic was evaluated in the GP PEIR (Section 4.17, Impact UTL-1.1 through 1.5) and was determined to be less than significant with mitigation incorporated (MM UTL-1.1.1 through -1.5.1). The Project proposes to clear the vacant site to construct a new 205,000 sf (approximate building footprint) concrete tilt-up industrial building, ancillary structures, landscaping, and pavement. The Project site is within Fresno City limits, therefore would be required to connect to City water, stormwater, solid waste, and wastewater services. Natural gas, electricity, solid waste and recycling, and telecommunications are to be provided by private companies. In compliance with MM ULT- 1.1.1 and 1.3.1, the City and responsible agencies have reviewed the Project to determine adequate capacity in these systems and ensure compliance with applicable connection requirements. Requirements for the Project are as follows:

- **Water Service:** Install water service and meter boxes and pay Water Capacity Fee for installation at northeast portion of site along S East Avenue.
- **Wastewater:** Install a sewer house branch to connect to nearby 12-inch sewer main located in S East Avenue western portion of the site and pay Sewer Connection Charges.

- **Stormwater Drainage:** Construct private facilities to discharge storm water runoff, including making 2 connections to existing facilities in E North Avenue and upgrading the northeastern 18-inch storm drain to 30-inch.
- **Solid Waste & Recycling:** Install one, 2-cell trash enclosures at southeast portion of site with a service frequency of 3 times a week to collect the estimated solid waste to be generated by the Project: 72 cubic yards of trash and 72 cubic yards of recycle (applicant provided information).

Although the storm drain connection to be made at the eastern portion of the site along E North Avenue requires off-site work for removal an 18-inch storm drain and replacement of a 30-inch storm drain, appropriate traffic control measures and permits would be required per to be performed in accordance with City oversite and direction.

In addition to connections to water, stormwater, solid waste, and wastewater services, the Project would be served by PG&E (Pacific Gas & Electric) for natural gas and electricity, Mid Valley Disposal for solid waste and recycling, and by the telecommunications provider AT&T for the Project area. Through compliance with the applicable connection requirements, impacts are reduced to less than significant as a result of the Project. Therefore, the Project would result in no new impacts related to construction of new or expanded utilities that could result in significant environmental effects.

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

No New Impact. This topic was evaluated in the GP PEIR (Impact 4.17, Impact UTL-2) and was determined to be less than significant. According to the UWMP, the City anticipates the service population to increase 1.4 percent annually from 2020 to 2056, a total of approximately 425,000 new residents by 2056. With this anticipated growth, the UWMP projects that the City will have adequate water supply, with normal conservation efforts, to meet demand through 2056 in average year, single dry year, and multiple dry year scenarios. The Project would be consistent with the land use and zoning designations analyzed under the GP PEIR. In satisfaction of MM UTL-1.3.1, the Project would not be capacity increasing or facilitate growth, which could increase demand for water supplies. Additionally, the Project would comply with GP policies Policy PF-C.12 and Policy PF-C.3, which includes measures to minimize water usage. Therefore, the Project would result in no new impacts related to water supplies.

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

No New Impact. This topic was evaluated in the GP PEIR (Impact 4.17, Impact UTL-3) and was determined to be less than significant with mitigation incorporated (MM UTL-1.3.1 and -1.4.1), however impacts to agricultural resources and air quality were significant and avoidable. The City's Department of Public Utilities has determined that adequate sanitary sewer and water services would be available to serve the proposed Project subject to the

payment of any applicable connection charges and/or fees and extension of services in a manner that is compliant with the Department of Public Utilities standards, specifications, and policies. In addition, the proposed Project is not expected to exceed wastewater treatment requirements of the Central Valley Regional Water Quality Control Board. As such, impacts would be less than significant. Furthermore, wastewater generated from the Project site would be treated by the Fresno-clovis Regional Reclamation Facility (RWRF) located at Jensen and Cornelia in southwest Fresno. RWRF has available capacity to treat approximately 88 mgd (million gallons per day). A conservative calculation for the Project's wastewater generation of 25 gallons per day, per 1,000 square feet of industrial space would be 5,125 gallons of waste water generated per day (25 gal x (205,000 sf / 1,000 per sf)). Therefore, the plant has the capacity to treat the full increase in wastewater identified within the GP The Project complies the requirements of MM UTL ‐ 1.3.1 and 1.4.1. Therefore, the Project would result in no new impacts related to wastewater treatment capacity of the service provider.

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?

No New Impact. This topic was not specifically evaluated in the GP PEIR, however analyzed if the GP would be served by a landfill with sufficient permitted capacity to accommodate the GP's solid waste disposal needs (Section 4.17, Impact UTL 4.1) and was determined to be less than significant with mitigation incorporated (MM UTL-4.1).

Three landfills were identified to serve the GP PEIR Planning Area, however one has closed. According to CalRecycle, American Avenue Landfill has remaining capacity of 2,200 tons per day (operational till 2031); the Clovis Landfill has additional capacity of 2,000 tons per day (operational until 2047); and the Coalinga Landfill has been closed. The requirements of MM UTL-4.1 are satisfied because two landfills serving the City have capacity.

Project construction would generate solid waste for landfill disposal in the form of demolition debris from the existing buildings and infrastructure that would be removed from the site. Construction waste in the form of packaging and discarded materials would also be generated by the proposed Project. However, Section 5.408.1 of the 2019 California Green Building Standards Code requires demolition and construction activities to recycle or reuse a minimum of 65 percent of the nonhazardous construction and demolition waste. Thus, the demolition and construction solid waste that would be disposed of at the landfill would be approximately 35 percent of the waste generated as required.

Operation of the Project includes operation of a new industrial facility which are estimated to produce 230.83 tons of solid waste per year (LSA 2022). However, pursuant to AB 341, at least 75 percent of the solid waste is required to be recycled, which would reduce the volume of landfilled solid waste to approximately 57.7 tons per year. Overall, the Project would result in the increase in solid waste from existing conditions and existing solid waste facilities would have capacity to serve the Project site as anticipated in buildout of the GP as analyzed in the GP PEIR. Therefore, the Project would result in no new impacts, requiring no new mitigation.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No New Impact. The GP PEIR determined the GP Update would result in a less than significant impact regarding this topic. As discussed above, the Project would be anticipated to result in 230.83 tons per year (LSA 2022). All solid waste-generating activities within the City are subject to the requirements set forth in Section 5.408.1 of the 2019 California Green Building Standards Code that requires demolition and construction activities to recycle or reuse a minimum of 65 percent of the nonhazardous construction and demolition waste, and AB 341 that requires diversion of a minimum of 75 percent of operational solid waste.

Furthermore, the proposed Project would comply with all standards and City ordinances (Section 6-201 Municipal Code) related to solid waste diversion, reduction, and recycling during Project construction and operation. Therefore, the proposed Project is anticipated to result in less than significant impacts related to potential conflicts with federal, State, and local management and reduction statutes and regulations pertaining to solid waste. Therefore, the Project would result in no new impacts.

CONCLUSION

With regards to the issue area of Utilities and Service Systems, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. Mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP GOALS AND POLICIES
None.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT

None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XX. WILDFIRE – If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:					
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☐	☒
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☐	☒
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☐	☒
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☐	☒

SUMMARY OF IMPACTS IDENTIFIED IN THE GP PEIR

The GP PEIR did not specifically analyze impacts related to wildfires, as these were not individual and separate thresholds for impact analysis in State CEQA Guidelines Appendix G at the time the GP PEIR was written. However, the topic of wildfire risk was discussed within

the Hazards and Hazardous Materials section of the GP PEIR. As shown in the City of Fresno Map Atlas Existing Conditions Report (dated August 2011) of the GP PEIR, the City is proximate to high and very high fire hazard designated areas. A small area in the norther portion of the City is susceptible to wildfires along the San Joaquin River Bluff area due to relatively steep terrain with vegetation. However, as concluded in the GP PEIR, the City is largely categorized as little or no threat or moderate fire hazard largely attributing to amount of paved areas in the City. Thus, development under the approved GP adjacent to the San Joaquin River Bluff requires implementation of the objectives and policies within the GP reduce potential impacts from wildfires to less than significant. Therefore, the Project is not subject to such requirements as the site is not adjacent or near the San Joaquin River Bluff area, and impacts from wildfire are less than significant.

GP GOALS AND POLICIES

The GP goals and policies that pertain to the Project's impacts from wildfires:

Policy PU-2-d. Station Siting. Use the General Plan, community plans, Specific Plans, neighborhood plans, and Concept Plans, the City's Geographic Information Systems (GIS) database, and a fire station location program to achieve optimum siting of future fire stations.

Policy PU-2-e. Service Standards. Strive to achieve a community wide risk management plan that include the following service level objectives 90 percent of the time:

- First Unit on Scene – First fire unit arriving with minimum of three firefighters and ability to apply suppressing agent within 6 minutes and 20 seconds from emergency call (7 minutes and 30 seconds with 9-11 processing time).
- Effective Response Force – Provide sufficient number of firefighters on scene of an emergency (17 for low risk, 23 for high risk) within nine minutes and 20 seconds from time of alert to arrival.

Policy PU-3-b. Reduction Strategies. Develop community risk reduction strategies that target high service demand areas, vulnerable populations (e.g. young children, older adults, non-English speaking residents, persons with disabilities, etc.) and high life hazards occupancies.

Policy PU-3-e. Building Codes. Adopt and enforce amendments to construction and fire codes, as determined appropriate, to systematically reduce the level of risk to life and property from fire, commensurate with the City's fire suppression capabilities.

Policy PU-3-f. Adequate Infrastructure. Continue to pursue the provision of adequate water supplies, hydrants, and appropriate property access to allow for adequate fire suppression throughout the City.

Policy PU-3-g. Cost Recovery. Continue to evaluate appropriate codes, policies, and methods to generate fees or other sources of revenue to offset the ongoing personnel and maintenance costs of providing fire prevention and response services. It is anticipated that

implementation of the above objectives and policies from the proposed General Plan Update will reduce project impacts to wildland fires to a less than significant level.

GP PEIR MITIGATION MEASURES

None.

PROJECT-SPECIFIC IMPACTS

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

No New Impact. The Project site does not contain any emergency facilities, nor does it serve as an emergency evacuation route. During construction and long-term operation, the Project would be required to maintain adequate emergency access for emergency vehicles via Project roadways. A fire lane is included in Project design to provide adequate access for fire services. Furthermore, the Project would not result in a substantial alteration to the design or capacity of any public road that would impair or interfere with the implementation of evacuation procedures. Therefore, The Project would result in no new impacts related to impairment of an emergency response plan.

b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No New Impact. This topic was evaluated in the GP PEIR and was determined to have a less than significant impact. The Project proposes an industrial development in an area characterized by the surrounding existing heavy industrial uses. As such, the Project itself would not exacerbate wildfire risks as compared to existing conditions because it is representative of existing development in the area. The Project site is not in an area identified at risk of fire hazard as identified within the GP PEIR. According to the California Department of Forestry and Fire Protection's FRAP Fire Hazard Severity Zones map, the Project is not within an area identified as a FHSZ. Therefore, the Project would not result in new impacts related to exposure of people or structures to significant risk involving wildland fires.

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?

No New Impact. This topic was not analyzed in the GP PEIR. The Project would not include 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. Therefore, the Project would result in no new impacts.

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?

No New Impact. This topic was not analyzed in the GP PEIR. As previously discussed in Section VII, the Project site is not in an area susceptible to flooding. Additionally, the Project site is flat and not in an area susceptible to landslides. As previously discussed in Section X, the Project proposes the construction of onsite storm drain system conveyed into City's existing 60-inch storm drain at two locations in E. North Avenue. Therefore, the Project would result in no new impacts related to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

CONCLUSION

Therefore, with regards to the issue area of Wildfire, the following findings can be made:

1. No peculiar impacts to the Project or its site have been identified.
2. There are no potentially significant off-site and/or cumulative impacts which were not discussed by the GP PEIR.
3. No substantial new information has been identified which results in an impact which is more severe than anticipated by the GP PEIR.
4. No mitigation measures contained within the GP PEIR would be required because Project specific impacts would be less than significant.

UNIFORMLY APPLIED DEVELOPMENT POLICIES OR STANDARDS (DP/S)
None.

GP GOALS AND POLICIES

Policy PU-2-d. Station Siting. Use the General Plan, community plans, Specific Plans, neighborhood plans, and Concept Plans, the City's Geographic Information Systems (GIS) database, and a fire station location program to achieve optimum siting of future fire stations.

Policy PU-2-e. Service Standards. Strive to achieve a community wide risk management plan that include the following service level objectives 90 percent of the time:

- First Unit on Scene – First fire unit arriving with minimum of three firefighters and ability to apply suppressing agent within 6 minutes and 20 seconds from emergency call (7 minutes and 30 seconds with 9-11 processing time).
- Effective Response Force – Provide sufficient number of firefighters on scene of an emergency (17 for low risk, 23 for high risk) within nine minutes and 20 seconds from time of alert to arrival.

Policy PU-3-b. Reduction Strategies. Develop community risk reduction strategies that target high service demand areas, vulnerable populations (e.g. young children, older adults,

non-English speaking residents, persons with disabilities, etc.) and high life hazards occupancies.

Policy PU-3-e. Building Codes. Adopt and enforce amendments to construction and fire codes, as determined appropriate, to systematically reduce the level of risk to life and property from fire, commensurate with the City's fire suppression capabilities.

Policy PU-3-f. Adequate Infrastructure. Continue to pursue the provision of adequate water supplies, hydrants, and appropriate property access to allow for adequate fire suppression throughout the City.

Policy PU-3-g. Cost Recovery. Continue to evaluate appropriate codes, policies, and methods to generate fees or other sources of revenue to offset the ongoing personnel and maintenance costs of providing fire prevention and response services. It is anticipated that implementation of the above objectives and policies from the proposed General Plan Update will reduce project impacts to wildland fires to a less than significant level.

GP PEIR MITIGATION MEASURES APPLICABLE TO THE PROJECT
None.

ENVIRONMENTAL ISSUES	Project Peculiar Impact that is not Substantially Mitigated by Uniformly Applied Policies	Significant Impact not Analyzed as Significant in the Prior EIR	Potentially Significant Offsite or Cumulative Impact not Discussed in the prior EIR	Adverse Impact More Severe based on Substantial New Information	No New Impact
XIX. MANDATORY FINDINGS OF SIGNIFICANCE					
a) Does the project have the potential to 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?	☐	☐	☐	☐	☒
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	☐	☐	☒
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☐	☐	☒

DISCUSSION

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 an endangered, rare, or threatened species, or eliminate important examples of the major periods of California history or prehistory?

The Project site is fully disturbed and is in an urbanized location. Review of the site by a biologist indicated there were no sensitive fish, wildlife, or plant species present. A cultural resources records search shows the Project site to have no identified cultural sensitivity. The Project would therefore have no 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 an endangered, rare, or threatened species, or eliminate important examples of the major periods of California history or prehistory.

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.)

The Project was determined to not have any significant environmental impacts. The proposed use is consistent with the planned industrial buildout of the site, which was assessed on a program level in the General Plan PEIR. The Project would have no potential to contribute to new cumulatively considerable environmental impacts.

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

Based on the analysis provided in this document and supporting technical analyses, the Project has no potential to result in new substantial adverse effects on human beings, either directly or indirectly.

AIR QUALITY, HEALTH RISK, GREENHOUSE GAS, AND ENERGY IMPACT REPORT

REYES COCA COLA BOTTLING (RCCB)
FRESNO DISTRIBUTION WAREHOUSE PROJECT

FRESNO, CALIFORNIA

LSA

April 2022

AIR QUALITY, HEALTH RISK, GREENHOUSE GAS, AND ENERGY IMPACT REPORT

REYES COCA COLA BOTTLING (RCCB)
FRESNO DISTRIBUTION WAREHOUSE PROJECT

FRESNO, CALIFORNIA

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Project No. ESL2201.16

April 2022

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LIST OF ABBREVIATIONS AND ACRONYMS

µg/m^3	micrograms per cubic meter
ºF	degrees Fahrenheit
AB	Assembly bill
AQMP	Air Quality Management Plan
BPS	best performance standards
BTU	British Thermal Units
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CalGreen Code	California Green Building Standards Code
CalRecycle	California Department of Resources Recycling and Recovery
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAT	Climate Action Team
CBC	California Building Code
CBSC	California Building Standards Commission
CCAA	California Clean Air Act
CCAP	Climate Change Action Plan
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH_4	methane
City	City of Fresno
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission

DPM	Diesel particulate matter
EIR	Environmental Impact Report
EO	Executive Order
FCAA	Federal Clean Air Act
GAMAQI	Joaquin Valley Air Pollution Control District's *Guidance for Assessing and Mitigating Air Quality Impacts*
GHG	greenhouse gas
GHGRx	Greenhouse Gas Reduction Exchange
GWh	gigawatt-hours
GWP	global warming potential
H_2S	hydrogen sulfide
HFC	hydrofluorocarbons
HI	Hazard Index
HRA	Health Risk Assessment
IPCC	International Panel on Climate Change
kWh	kilowatt-hour
LCFS	Low Carbon Fuel Standard
LEED	Leadership in Energy and Environmental Design
MEI	maximally exposed individual
MICR	maximum individual cancer risk
MMT	million metric tons
MMT CO_2e	million metric tons of carbon dioxide equivalent
mpg	miles per gallon
mph	miles per hour
MPOs	Metropolitan Planning Organization
MW	megawatt
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide

NOx	nitrogen oxide
O_3	ozone
OEHHA	California Environmental Protection Agency's Office of Environmental Health Hazard Assessment
OPR	Governor's Office of Planning and Research (OPR)
Pb	lead
PFC	perfluorocarbons
PG&E	Pacific Gas and Electric
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
ppb	parts per billion
ppm	parts per million
PRC	Public Resources Code
project	Reyes Coca Cola Bottling (RCCB) Fresno Distribution Warehouse Project
RCCB	Reyes Coca Cola Bottling
ROCs	reactive organic compounds
ROGs	reactive organic gases
RPS	Renewables Portfolio Standard
SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SCS	Sustainable Communities Strategy
sf	square foot/feet
SF_6	sulfur hexafluoride
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO_2	sulfur dioxide
SOx	sulfur oxides
TACs	toxic air contaminants
UNFCCC	United Nations Framework Convention on Climate Change
USC	United States Code

U.S. DOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VMT	vehicle miles traveled
VOCs	volatile organic compounds
ZEVs	zero emission vehicles

INTRODUCTION

This air quality, heath risk, energy, and greenhouse gas (GHG) impact report has been prepared to evaluate the potential air quality and GHG emissions impacts associated with the Reyes Coca Cola Bottling (RCCB) Fresno Distribution Warehouse Project (project) in the City of Fresno (City), California. This report has been prepared using methods and assumptions recommended in the San Joaquin Valley Air Pollution Control District's (SJVAPCD) *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI).[1] In keeping with these guidelines, this analysis describes existing air quality, air quality and GHG emissions generated from project-related sources, regional air pollution, and global climate change. In addition, this analysis discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

PROJECT LOCATION AND DESCRIPTION

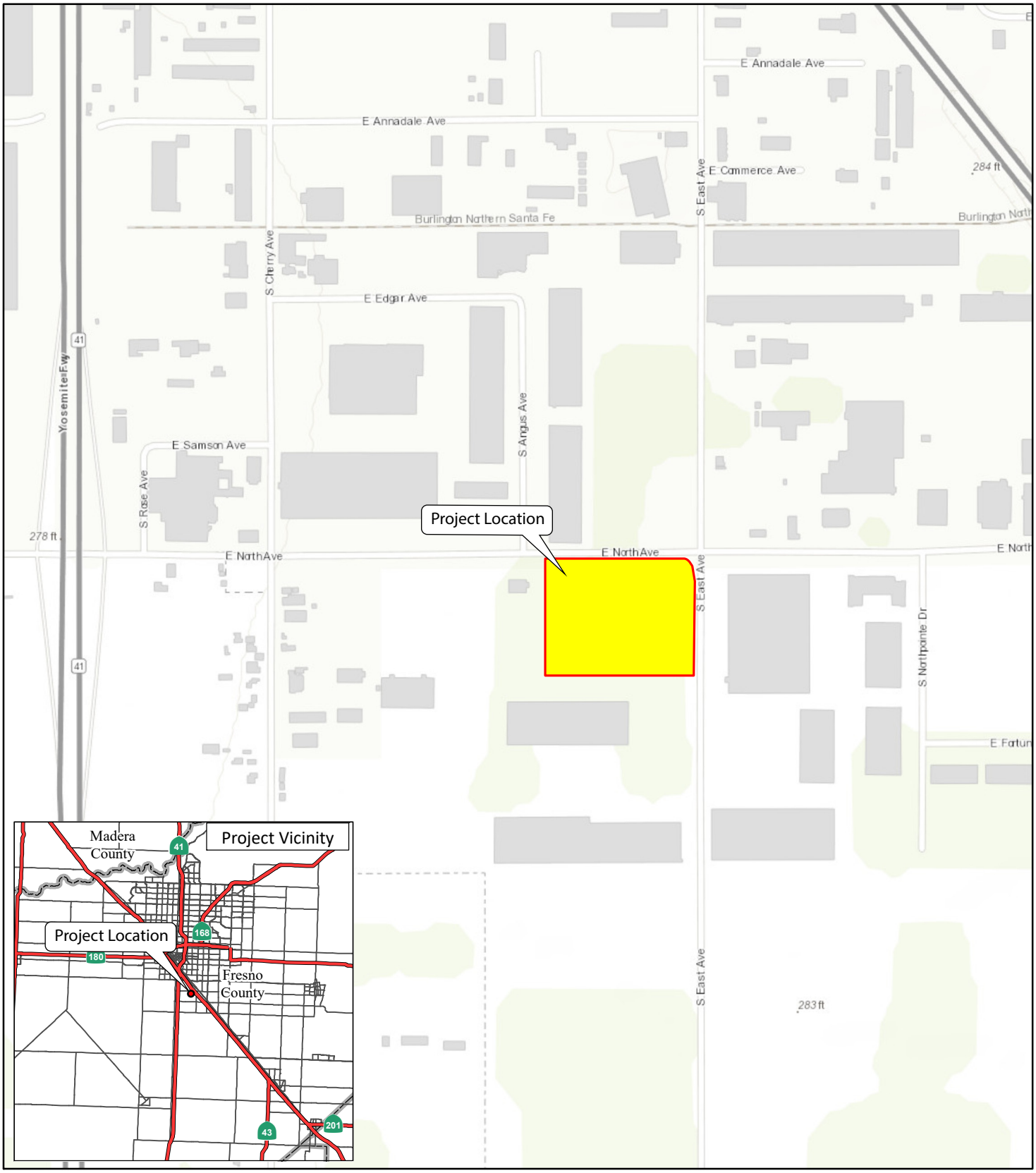
The proposed project is located at 791 and 998 E. North Avenue, at the southwest corner of the E. North Avenue and S. East Avenue intersection in the City of Fresno. The project site is identified by Assessor's Parcel Numbers 329-09-016 and 329-09-017. The project site is currently vacant. Figure 1 illustrates the project site location. Figure 2 depicts the proposed project's site plan.

The proposed project would construct a 205,264-square-foot (sf) warehouse building with ancillary office space and a future expansion option of 40,300 sf of warehouse. The building shell would include a two-story office area to be constructed of concrete tilt-up panels, a panelized roof system, 29 dock-high doors, a truck wash and truck maintenance shop attached to the warehouse space, and a small outdoor patio space. Also included are a truck yard, automobile parking areas, truck parking, and stormwater management areas. The building would be fully air conditioned, and would be used for Food and Beverage Industrial Storage Space. The yard would be fully secured with rolling gates and fences, with ingress and egress from both E. North Avenue and S. East Avenue. The proposed project would not require a change to the General Plan land use designation or the current zoning and would be consistent with the City's General Plan and Zoning Ordinance.

Typical operational characteristics include employees traveling to and from the site, delivery of products to the site, truck loading and unloading, and truck maintenance operations. The project is assumed to operate 24 hours a day, 7 days a week; however, this may shift depending on the tenant, as the hours of operation are unknown. The proposed project would generate approximately 481 average daily trips, including 321 vehicle trips and 160 truck trips. It is assumed that 20 daily truck trips would travel to and from Sacramento, 40 truck trips would travel to and from San Leandro, and 100 daily truck trips would make local deliveries. In addition, the proposed project would utilize 32 electric forklifts.

Construction would begin September 2022 and end March 2024. Construction of the proposed project would require the import of approximately 5,458 cubic yards of material.

[1] San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. *Guidance for Assessing and Mitigating Air Quality Impacts*. March 19. Website: www.valleyair.org/transportation/ceqa_idx.htm (accessed April 2022).



LEGEND

Project Site

City Boundary

FIGURE 1

N

0 400 800

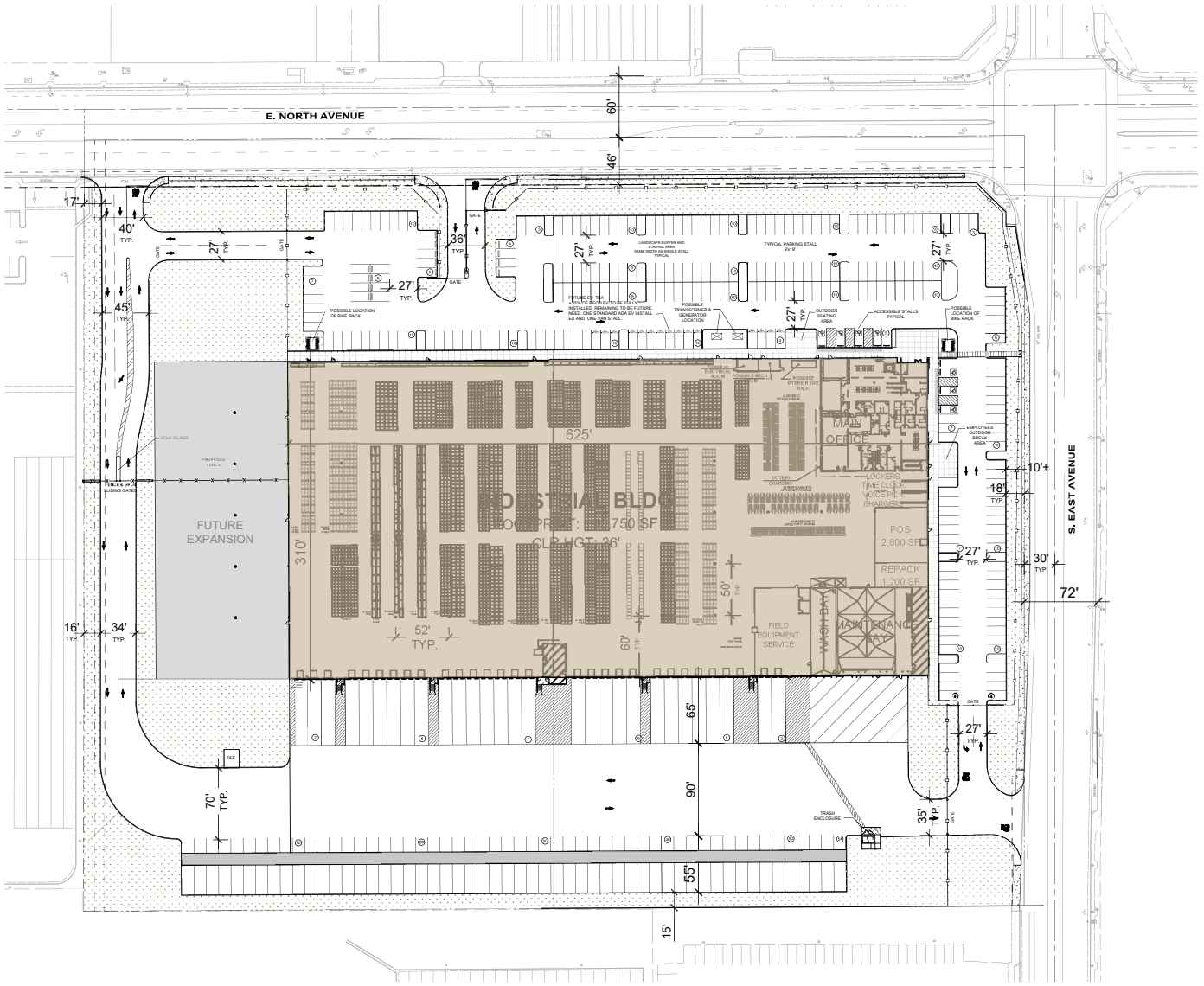
FEET

SOURCE: ArcGIS Online Topographic Map (2020)

I:\ESL2201\G\Project_Location.ai (03/09/2022)

Fresno Distribution Center Project

Project Location



LSA

FIGURE 2

N

0 25 80

FEET

SOURCE: Ware Malcomb

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Fresno Distribution Center Project

Site Plan

EXISTING LAND USES IN THE PROJECT AREA

For the purposes of this analysis, sensitive receptors are areas of the population that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include residences, schools, daycare centers, hospitals, parks, and similar uses that are sensitive to air quality. Impacts on sensitive receptors are of particular concern because those receptors are the population most vulnerable to the effects of air pollution.[2] The project site is surrounded primarily by industrial uses. The areas adjacent to the project site include the following uses:

- **North:** Existing industrial uses, opposite E. North Avenue;
- **East:** Existing industrial uses opposite S. East Avenue;
- **South:** Existing industrial uses; and
- **West:** Existing Fresno Commercial Drive Test Center.

The closest sensitive receptors are residential uses, located more than 1,500 feet from the project site along S. Cherry Avenue, and the nearest worker receptors are located adjacent to the north, east, south, and west borders of the project site.

[2] SJVAPCD. 2015. *Guidance for Assessing and Mitigating Air Quality Impacts (GAMAQI*). March. Website: http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf (accessed April 2022).

BACKGROUND

This section provides current background information on air pollutants and GHG emissions and their health effects. It also provides current regulatory background information, including information from the California Air Resources Board's (CARB) Air Quality and Land Use Handbook[3] (CARB Handbook); a description of the general health risks of toxics, and the significance criteria for project evaluation. In addition, this section provides background information on energy usage in the project area and provides regulatory background information, including federal, State, and local energy regulations.

AIR POLLUTANTS AND HEALTH EFFECTS

Both State and federal governments have established health-based ambient air quality standards (California Ambient Air Quality Standards [CAAQS] and National Ambient Air Quality Standards [NAAQS], respectively) for six criteria air pollutants:[4] carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), and suspended particulate matter (PM). In addition, the State has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety. Long-term exposure to elevated levels of criteria pollutants may result in adverse health effects. However, emission thresholds established by an air district are used to manage total regional emissions within an air basin based on the air basin's attainment status for criteria pollutants. These emission thresholds were established for individual projects that would contribute to regional emissions and pollutant concentrations and could adversely affect or delay the projected attainment target year for certain criteria pollutants.

Because of the conservative nature of the thresholds and the basin-wide context of individual project emissions, there is no known direct correlation between a single project and localized air quality-related health effects. One individual project that generates emissions exceeding a threshold does not necessarily result in adverse health effects for residents in the project vicinity. This condition is especially true when the criteria pollutants exceeding thresholds are those with regional effects, such as ozone precursors like nitrogen oxides (NO_x) and volatile organic compounds (VOCs).

Occupants of facilities such as schools, daycare centers, parks and playgrounds, hospitals, and nursing and convalescent homes are considered to be more sensitive than the general public to air pollutants because these population groups have increased susceptibility to respiratory disease. Persons engaged in strenuous outdoor work or exercise also have increased sensitivity to poor air quality. Residential areas are considered more sensitive to air quality conditions, compared to commercial and industrial areas, because people generally spend longer periods of time at their residences, with greater associated exposure to ambient air quality conditions. Recreational uses

[3] California Air Resources Board (CARB). 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

[4] Criteria pollutants are defined as those pollutants for which the federal and State governments have established ambient air quality standards, or criteria, for outdoor concentrations in order to protect public health.

are also considered sensitive compared to commercial and industrial uses due to greater exposure to ambient air quality conditions associated with exercise.

Ozone

Rather than being directly emitted, ozone (smog) is formed by photochemical reactions between NO_x and VOC. Ozone is a pungent, colorless gas. Elevated ozone concentrations result in reduced lung function, particularly during vigorous physical activity. This health problem is particularly acute in sensitive receptors such as the sick, elderly, and young children. Ozone levels peak during the summer and early fall months.

Carbon Monoxide

CO is formed by the incomplete combustion of fossil fuels, almost entirely from automobiles. It is a colorless, odorless gas that can cause dizziness, fatigue, and impairments to central nervous system functions. CO passes through the lungs into the bloodstream, where it interferes with the transfer of oxygen to body tissues.

Particulate Matter

Particulate matter is the term used for a mixture of solid particles and liquid droplets found in the air. Coarse particles are those that are 10 microns or less in diameter, or PM_{10}. Fine, suspended particulate matter with an aerodynamic diameter of 2.5 microns or less, or $PM_{2.5}$, is not readily filtered out by the lungs. Nitrates, sulfates, dust, and combustion particulates are major components of PM_{10} and $PM_{2.5}$. These small particles can be directly emitted into the atmosphere as byproducts of fuel combustion; through abrasion, such as tire or brake lining wear; or through fugitive dust (wind or mechanical erosion of soil). They can also be formed in the atmosphere through chemical reactions. Particulates may transport carcinogens and other toxic compounds that adhere to the particle surfaces and can enter the human body through the lungs.

Nitrogen Dioxide

NO_2 is a reddish brown gas that is a byproduct of combustion processes. Automobiles and industrial operations are the main sources of NO_2. Aside from its contribution to ozone formation, NO_2 also contributes to other pollution problems, including a high concentration of fine particulate matter, poor visibility, and acid deposition. NO_2 may be visible as a coloring component on high pollution days, especially in conjunction with high ozone levels. NO_2 decreases lung function and may reduce resistance to infection.

Sulfur Dioxide

SO_2 is a colorless, irritating gas formed primarily from incomplete combustion of fuels containing sulfur. Industrial facilities also contribute to gaseous SO_2 levels in the region. SO_2 irritates the respiratory tract, can injure lung tissue when combined with fine particulate matter, and reduces visibility and the level of sunlight.

Lead

Leaded gasoline (phased out in the United States beginning in 1973), paint (on older houses and cars), smelters (metal refineries), and the manufacture of lead storage batteries have been the primary sources of lead released into the atmosphere. Lead has multiple adverse neurotoxic health effects, and children are at special risk. Some lead-containing chemicals cause cancer in animals. Lead levels in the air have decreased substantially since leaded gasoline was eliminated. Ambient lead concentrations are only monitored on an as-warranted, site-specific basis in California. On October 15, 2008, the United States Environmental Protection Agency (USEPA) strengthened the NAAQS for lead by lowering it from 1.5 to 0.15 micrograms per cubic meter ($\mu g/m^3$). The USEPA revised the monitoring requirements for lead in December 2010. These requirements focus on airports and large urban areas, resulting in an increase in 76 monitors nationally.

Volatile Organic Compounds

VOCs (also known as reactive organic gases [ROGs] and reactive organic compounds [ROCs]) are formed from the combustion of fuels and the evaporation of organic solvents. VOCs are not defined as criteria pollutants, however, because VOCs accumulate in the atmosphere more quickly during the winter, when sunlight is limited and photochemical reactions are slower, they are a prime component of the photochemical smog reaction. There are no attainment designations for VOCs.

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, toxic air contaminants (TACs) are another group of pollutants of concern. TACs are injurious in small quantities and are regulated by the USEPA and the CARB. Some examples of TACs include benzene, butadiene, formaldehyde, and hydrogen sulfide. The identification, regulation, and monitoring of TACs is relatively recent compared to that for criteria pollutants.

TACs do not have ambient air quality standards, but are regulated by the USEPA, CARB, and the SJVAPCD. In 1998, the CARB identified particulate matter from diesel-fueled engines as a TAC. The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines.[5] High-volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as posing the highest risk to adjacent receptors. Other facilities associated with increased risk include warehouse distribution centers, large retail or industrial facilities, high-volume transit centers, and schools with a high volume of bus traffic. Health risks from TACs are a function of both concentration and duration of exposure.

Unlike TACs emitted from industrial and other stationary sources noted above, most diesel particulate matter is emitted from mobile sources—primarily "off-road" sources such as construction and mining equipment, agricultural equipment, and truck-mounted refrigeration units, as well as "on-road" sources such as trucks and buses traveling on freeways and local roadways.

[5] CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

Although not specifically monitored, recent studies indicate that exposure to diesel particulate matter may contribute significantly to a cancer risk (a risk of approximately 500 to 700 in 1,000,000) that is greater than all other measured TACs combined.[6] The technology for reducing diesel particulate matter emissions from heavy-duty trucks is well established, and both State and federal agencies are moving aggressively to regulate engines and emission control systems to reduce and remediate diesel emissions. The CARB anticipated that by 2020, average statewide diesel particulate matter concentrations will decrease by 85 percent from levels in 2000 with full implementation of the CARB's Diesel Risk Reduction Plan,[7] meaning that the statewide health risk from diesel particulate matter is expected to decrease from 540 cancer cases in 1,000,000 to 21.5 cancer cases in 1,000,000. The CARB 2000 Diesel Risk Reduction Plan is still the most recent version and has not been updated.

Table A summarizes the sources and health effects of air pollutants discussed in this section. Table B presents a summary of CAAQS and NAAQS.

Table A: Sources and Health Effects of Air Pollutants

Pollutants	Sources	Primary Effects
Carbon Monoxide (CO)	• Incomplete combustion of fuels and other carbon-containing substances, such as motor exhaust • Natural events, such as decomposition of organic matter	• Reduced tolerance for exercise • Impairment of mental function • Impairment of fetal development • Death at high levels of exposure • Aggravation of some heart diseases (angina)
Nitrogen Dioxide (NO_2)	• Motor vehicle exhaust • High temperature stationary combustion • Atmospheric reactions	• Aggravation of respiratory illness • Reduced visibility • Reduced plant growth • Formation of acid rain
Ozone (O_3)	• Atmospheric reaction of organic gases with nitrogen oxides in sunlight	• Aggravation of respiratory and cardiovascular diseases • Irritation of eyes • Impairment of cardiopulmonary function • Plant leaf injury
Lead (Pb)	• Contaminated soil	• Impairment of blood functions and nerve construction • Behavioral and hearing problems in children
Suspended Particulate Matter ($PM_{2.5}$ and PM_{10})	• Stationary combustion of solid fuels • Construction activities • Industrial processes • Atmospheric chemical reactions	• Reduced lung function • Aggravation of the effects of gaseous pollutants • Aggravation of respiratory and cardiorespiratory diseases • Increased cough and chest discomfort • Soiling • Reduced visibility
Sulfur Dioxide (SO_2)	• Combustion of sulfur-containing fossil fuels • Smelting of sulfur-bearing metal ores Industrial processes	• Aggravation of respiratory diseases (asthma, emphysema) • Reduced lung function • Irritation of eyes • Reduced visibility • Plant injury • Deterioration of metals, textiles, leather, finishes, coatings, etc.

Source: California Air Resources Board (2015).

6 CARB. 2000. Stationary Source Division and Mobile Source Control Division. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles.* October.

7 Ibid.

Table B: Federal and State Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]		Federal Standards[b]		
		Concentration[c]	Method[d]	Primary[c,e]	Secondary[c,f]	Method[g]
Ozone (O_3)[h]	1-Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8-Hour	0.07 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM_{10})[i]	24-Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		–		
Fine Particulate Matter ($PM_{2.5}$)[i]	24-Hour	-		35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³		
Carbon Monoxide (CO)	8-Hour	9.0 ppm (10 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	9 ppm (10 mg/m³)	–	Non-Dispersive Infrared Photometry (NDIR)
	1-Hour	20 ppm (23 mg/m³)		35 ppm (40 mg/m³)		
	8-Hour (Lake Tahoe)	6 ppm (7 mg/m³)		–	–	
Nitrogen Dioxide (NO_2)[j]	Annual Arithmetic Mean	0.03 ppm (57 µg/m³)	Gas Phase Chemi-luminescence	53 ppb (100 µg/m³)	Same as Primary Standard	Gas Phase Chemi-luminescence
	1-Hour	0.18 ppm (339 µg/m³)		100 ppb (188 µg/m³)	-	
Lead (Pb)[l,m]	30-Day Average	1.5 µg/m³	Atomic Absorption	–	–	High-Volume Sampler and Atomic Absorption
	Calendar Quarter	–		1.5 µg/m³ (for certain areas)[l]	Same as Primary Standard	
	Rolling 3-Month Average[i]	–		0.15 µg/m³		
Sulfur Dioxide (SO_2)[k]	24-Hour	0.04 ppm (105 µg/m3)	Ultraviolet Fluorescence	0.14 ppm (for certain areas)	–	Ultraviolet Fluorescence; Spectro-photometry (Pararosaniline Method)
	3-Hour	–		–	0.5 ppm (1300 µg/m³)	
	1-Hour	0.25 ppm (655 µg/m³)		75 ppb (196 µg/m³)[k]	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas)[k]	–	
Visibility-Reducing Particles[l]	8-Hour	See footnote n	Beta Attenuation and Transmittance through Filter Tape.	No Federal Standards		
Sulfates	24-Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1-Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride[j]	24-Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			

Source: California Air Resources Board (2016) (Website: https://www.arb.ca.gov/research/aaqs/aaqs2.pdf).

Table notes are provided on the following page.

[a] California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact USEPA for further clarification and current national policies.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.

[e] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.

[f] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[g] Reference method as described by the USEPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the USEPA.

[h] On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m^3 to 12.0 µg/m^3. The existing national 24- hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m^3, as was the annual secondary standard of 15 µg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.

[j] To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[k] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

[l] The CARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[m] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m^3 as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

[n] In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

°C = degrees Celsius
µg/m^3 = micrograms per cubic meter
CARB = California Air Resources Board
mg/m^3 = milligrams per cubic meter
ppb = parts per billion
ppm = parts per million
USEPA = United States Environmental Protection Agency

ELECTRICITY

Electricity is a manmade resource. The production of electricity requires the consumption or conversion of energy resources (including water, wind, oil, gas, coal, solar, geothermal, and nuclear resources) into energy. Electricity is used for a variety of purposes (e.g., lighting, heating, cooling, and refrigeration, and for operating appliances, computers, electronics, machinery, and public transportation systems).

According to the most recent data available, in 2020, California's electricity was generated primarily by natural gas (37.06 percent), renewable sources (33.09 percent), large hydroelectric (12.21 percent), nuclear (9.33 percent), coal (2.74 percent), and other and unspecified sources. Total electric generation in California in 2020 was 272,576 gigawatt-hours (GWh), down 2 percent from the 2019 total generation of 277,704 GWh.[8]

The City receives its electricity from Pacific Gas and Electric's (PG&E). According to the California Energy Commission (CEC), total electricity consumption in the PG&E service area in 2020 was 78,518.8 GWh (29,833.5 GWh for the residential sector and 48,685.3 GWh for the non-residential sector).[9] Total electricity consumption in Fresno County in 2020 was 8,017.8 GWh (3,101.8 GWh for the residential sector and 4,916.0 for the non-residential sector).[10]

NATURAL GAS

Natural gas is a non-renewable fossil fuel. Fossil fuels are formed when layers of decomposing plant and animal matter are exposed to intense heat and pressure under the surface of the Earth over millions of years. Natural gas is a combustible mixture of hydrocarbon compounds (primarily methane) that is used as a fuel source. Natural gas is found in naturally occurring reservoirs in deep underground rock formations. Natural gas is used for a variety of uses (e.g., heating buildings, generating electricity, and powering appliances such as stoves, washing machines and dryers, gas fireplaces, and gas grills).

Natural gas consumed in California is used for electricity generation (45 percent), residential uses (21 percent), industrial uses (25 percent), and commercial uses (9 percent). California continues to depend on out-of-state imports for nearly 90 percent of its natural gas supply.[11]

PG&E is the natural gas service provider for the City of Fresno. According to the CEC, total natural gas consumption in the PG&E service area in 2020 was 4,508.5 million therms (1,891.3 million

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8 California Energy Commission (CEC). 2021a. *2020 Total System Electric Generation*. Website: https://www.energy.ca.gov/data-reports/energy-almanac/california-electricity-data/2020-total-system-electric-generation (accessed April 2022).

9 CEC. 2021b. Electricity Consumption by Entity. Website: ecdms.energy.ca.gov/elecbyutil.aspx (accessed April 2022).

10 CEC. 2021c. Electricity Consumption by County. Website: ecdms.energy.ca.gov/elecbycounty.aspx (accessed April 2022).

11 CEC. 2021d. Supply and Demand of Natural Gas in California. Website: https://www.energy.ca.gov/data-reports/energy-almanac/californias-natural-gas-market/supply-and-demand-natural-gas-california (accessed April 2022).

therms for the residential sector and 2,617.2 million therms for the non-residential sector).[12] Total natural gas consumption in Fresno County in 2020 was 325.9 million therms (110.0 million therms for the residential sector and 215.9 million therms for the non-residential sector).[13]

FUEL

Petroleum is also a non-renewable fossil fuel. Petroleum is a thick, flammable, yellow-to-black mixture of gaseous, liquid, and solid hydrocarbons that occurs naturally beneath the earth's surface. Petroleum is primarily recovered by oil drilling. It is refined into a large number of consumer products, primarily fuel oil, gasoline, and diesel.

The average fuel economy for light-duty vehicles (autos, pickups, vans, and SUVs) in the United States has steadily increased from about 14.9 miles per gallon (mpg) in 1980 to 22.2 mpg in 2019.[14] Federal fuel economy standards have changed substantially since the Energy Independence and Security Act was passed in 2007. The Act, which originally mandated a national fuel economy standard of 35 mpg by year 2020[15], applies to cars and light trucks of Model Years 2011 through 2020. In March 2020, the United States Environmental Protection Agency (USEPA) and National Highway Traffic Safety Administration (NHTSA) finalized the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021–2026 Passenger Cars and Light Trucks, further detailed below.

Gasoline is the most used transportation fuel in California, with 97 percent of all gasoline being consumed by light-duty cars, pickup trucks, and sport utility vehicles. According to the most recent data available, total gasoline consumption in California was 289,918 thousand barrels or 1,464.7 trillion British Thermal Units (BTU) in 2020.[16] Of the total gasoline consumption, 273,289 thousand barrels or 1,380.7 trillion BTU were consumed for transportation.[17] Based on fuel consumption obtained from CARB's California Emissions Factor Model, Version 2021 (EMFAC2021), approximately 376.0 million gallons of gasoline and approximately 157.0 million gallons of diesel will be consumed from vehicle trips in Fresno County in 2022.

GREENHOUSE GASES AND GLOBAL CLIMATE CHANGE

Global climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans in recent decades. The Earth's average near-surface atmospheric

12 CEC. 2021e. Gas Consumption by Entity. Website: ecdms.energy.ca.gov/gasbyutil.aspx (accessed April 2022).

13 CEC. 2021f. Gas Consumption by County. Website: ecdms.energy.ca.gov/gasbycounty.aspx (accessed April 2022).

14 U.S. Department of Transportation (DOT). "Table 4-23: Average Fuel Efficiency of U.S. Light Duty Vehicles." Website: https://www.bts.dot.gov/bts/bts/content/average-fuel-efficiency-us-light-duty-vehicles (accessed April 2022).

15 U.S. Department of Energy. 2007. "Energy Independence & Security Act of 2007." Website: https://www.afdc.energy.gov/laws/eisa (accessed April 2022).

16 A British Thermal Unit is defined as the amount of heat required to raise the temperature of one pound of water by one degree Fahrenheit.

17 U.S. Department of Energy, EIA. 2021a. California State Profile and Energy Estimates. Table F3: Motor gasoline consumption, price, and expenditure estimates, 2020. Website: eia.gov/state/seds/data.php?incfile=/state/seds/sep_fuel/html/fuel_mg.html&sid=CA (accessed April 2022).

temperature rose 0.6 ± 0.2° Celsius (°C) or 1.1 ± 0.4° Fahrenheit (°F) in the 20th century. The prevailing scientific opinion on climate change is that most of the warming observed over the last 50 years is attributable to human activities. The increased amounts of carbon dioxide (CO_2) and other GHGs are the primary causes of the human-induced component of warming. GHGs are released by the burning of fossil fuels, land clearing, agriculture, and other activities, and lead to an increase in the greenhouse effect.[18]

GHGs are present in the atmosphere naturally, are released by natural sources, or are formed from secondary reactions taking place in the atmosphere. The gases that are widely seen as the principal contributors to human-induced global climate change are:

- CO_2
- Methane (CH_4)
- Nitrous oxide (N_2O)
- Hydrofluorocarbons (HFCs)
- Perfluorocarbons (PFCs)
- Sulfur hexafluoride (SF_6)

Over the last 200 years, humans have caused substantial quantities of GHGs to be released into the atmosphere. These extra emissions are increasing GHG concentrations in the atmosphere, and enhancing the natural greenhouse effect, which is believed to be causing global warming. While manmade GHGs include naturally-occurring GHGs such as CO_2, methane, and N_2O, some gases, like HFCs, PFCs, and SF_6 are completely new to the atmosphere.

Certain gases, such as water vapor, are short-lived in the atmosphere. Others remain in the atmosphere for significant periods of time, contributing to climate change in the long term. Water vapor is excluded from the list of GHGs above because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation. For the purposes of this air quality analysis, the term "GHGs" will refer collectively to the six gases listed above.

These gases vary considerably in terms of Global Warming Potential (GWP), which is a concept developed to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The global warming potential is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to carbon dioxide, the most abundant GHG; the definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO_2 over a specified time period. GHG emissions are typically measured in terms of pounds or tons of "CO_2 equivalents" (CO_2e).

[18] The temperature on Earth is regulated by a system commonly known as the "greenhouse effect." Just as the glass in a greenhouse lets heat from sunlight in and reduces the heat escaping, greenhouse gases like carbon dioxide, methane, and nitrous oxide in the atmosphere keep the Earth at a relatively even temperature. Without the greenhouse effect, the Earth would be a frozen globe; thus, although an excess of greenhouse gas results in global warming, the naturally occurring greenhouse effect is necessary to keep our planet at a comfortable temperature.

Table C shows the GWP for each type of GHG. For example, sulfur hexafluoride is 22,800 times more potent at contributing to global warming than carbon dioxide.

Table C: Global Warming Potential of Greenhouse Gases

Gas	Atmospheric Lifetime (Years)	Global Warming Potential (100-Year Time Horizon)
Carbon Dioxide	50-200	1
Methane	12	25
Nitrous Oxide	114	298
HFC-23	270	14,800
HFC-134a	14	1,430
HFC-152a	1.4	124
PFC: Tetrafluoromethane (CF_4)	50,000	7,390
PFC: Hexafluoromethane (C_2F_6)	10,000	12,200
Sulfur Hexafluoride (SF_6)	3,200	22,800

Source: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the IPCC* (Intergovernmental Panel on Climate Change, 2007).

The following discussion summarizes the characteristics of the six GHGs and black carbon.

Carbon Dioxide

In the atmosphere, carbon generally exists in its oxidized form, as CO_2. Natural sources of CO_2 include the respiration (breathing) of humans, animals and plants, volcanic out gassing, decomposition of organic matter and evaporation from the oceans. Human caused sources of CO_2 include the combustion of fossil fuels and wood, waste incineration, mineral production, and deforestation. Natural sources release approximately 150 billion tons of CO_2 each year, far outweighing the 7 billion tons of man-made emissions of CO_2 each year. Nevertheless, natural removal processes, such as photosynthesis by land- and ocean-dwelling plant species, cannot keep pace with this extra input of man-made CO_2, and consequently, the gas is building up in the atmosphere.

In 2019, total annual CO_2 accounted for approximately 83 percent of California's overall GHG emissions.[19] Transportation is the single largest source of CO_2 in California, which is primarily comprised of on-road travel. Electricity production, industrial and residential sources also make important contributions to CO_2 emissions in California.

Methane

Methane is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources include wetlands, termites, and oceans. Decomposition occurring in landfills accounts for the majority of human-generated CH_4 emissions in California and in the United States as a whole. Agricultural processes such as intestinal fermentation, manure management, and rice

[19] CARB. 2021. GHGs Descriptions & Sources in California. Website: ww2.arb.ca.gov/ghg-descriptions-sources (accessed April 2022).

cultivation are also significant sources of CH_4 in California. Total annual emissions of CH_4 accounted for approximately 9 percent of GHG emissions in California.[20]

Nitrous Oxide

Nitrous oxide is produced naturally by a wide variety of biological sources, particularly microbial action in soils and water. Tropical soils and oceans account for the majority of natural source emissions. Nitrous oxide is a product of the reaction that occurs between nitrogen and oxygen during fuel combustion. Both mobile and stationary combustion emit N_2O, and the quantity emitted varies according to the type of fuel, technology, and pollution control device used, as well as maintenance and operating practices. Agricultural soil management and fossil fuel combustion are the primary sources of human-generated N_2O emissions in California. Nitrous oxide emissions accounted for approximately 3 percent of GHG emissions in California in 2019.[21]

Hydrofluorocarbons, Perfluorocarbons, and Sulfur Hexafluoride

HFCs are primarily used as substitutes for ozone-depleting substances regulated under the Montreal Protocol.[22] PFCs and SF_6 are emitted from various industrial processes, including aluminum smelting, semiconductor manufacturing, electric power transmission and distribution, and magnesium casting. There is no aluminum or magnesium production in California; however, the rapid growth in the semiconductor industry leads to greater use of PFCs. HFCs, PFCs, and SF_6 accounted for about 5 percent of GHG emissions in California in 2019.[23]

Black Carbon

Black carbon is the most strongly light-absorbing component of PM formed by burning fossil fuels such as coal, diesel, and biomass. Black carbon is emitted directly into the atmosphere in the form of $PM_{2.5}$ and is the most effective form of PM, by mass, at absorbing solar energy. Per unit of mass in the atmosphere, black carbon can absorb one million times more energy than CO_2.[24] Black carbon contributes to climate change both directly, such as absorbing sunlight, and indirectly, such as affecting cloud formation. However, because black carbon is short-lived in the atmosphere, it can be difficult to quantify its effect on global warming.

Most U.S. emissions of black carbon come from mobile sources (52 percent), particularly from diesel-fueled vehicles. The other major source of black carbon is open biomass burning, including wildfires, although residential heating and industry also contribute. The CARB estimates that the

20 CARB. 2021. GHGs Descriptions & Sources in California. Website: ww2.arb.ca.gov/ghg-descriptions-sources (accessed April 2022).

21 Ibid.

22 The Montreal Protocol is an international treaty that was approved on January 1, 1989, and was designated to protect the ozone layer by phasing out the production of several groups of halogenated hydrocarbons believed to be responsible for ozone depletion.

23 CARB. 2021. op. cit.

24 U.S. Environmental Protection Agency (USEPA). 2015. Black Carbon, Basic Information. February 14, 2017. Website: 19january2017snapshot.epa.gov/www3/airquality/blackcarbon/basic.html (accessed April 2022).

annual black carbon emissions in California will be reduced approximately 50 percent below 2013 levels by 2030.[25]

Effects of Global Climate Change

Effects from global climate change may arise from temperature increases, climate-sensitive diseases, extreme weather events, and air quality. There may be direct temperature effects through increases in average temperature leading to more extreme heat waves and less extreme cold spells. Those living in warmer climates are likely to experience more stress and heat-related problems. Heat-related problems include heat rash and heat stroke. In addition, climate-sensitive diseases may increase, such as those spread by mosquitoes and other disease-carrying insects. Such diseases include malaria, dengue fever, yellow fever, and encephalitis. Extreme events such as flooding and hurricanes can displace people and agriculture. Global climate change may also contribute to air quality problems from increased frequency of smog and particulate air pollution.[26]

Additionally, according to the 2006 California Climate Action Team (CAT) Report,[27] the following applicable climate change effects, which are based on trends established by the United Nations Intergovernmental Panel on Climate Change (IPCC), can be expected in California over the course of the next century:

- The loss of sea ice and mountain snow-pack, resulting in higher sea levels and higher sea surface evaporation rates with a corresponding increase in tropospheric water vapor due to the atmosphere's ability to hold more water vapor at higher temperatures.[28]

- Rise in global average sea level, primarily due to thermal expansion and melting of glaciers and ice caps in the Greenland and Antarctic ice sheets.[29]

- Changes in weather that include widespread changes in precipitation, ocean salinity, wind patterns, and more energetic aspects of extreme weather, including droughts, heavy precipitation, heat waves, extreme cold, and the intensity of tropical cyclones.[30]

- Decline of the Sierra snowpack, which accounts for approximately one-half of the surface water storage in California by 70 percent to as much as 90 percent over the next 100 years.[31]

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25 CARB. 2017. *Short-Lived Climate Pollutant Reduction Strategy.* March. Website: https://ww2.arb.ca.gov/sites/default/files/2020-07/final_SLCP_strategy.pdf (accessed April 2022).

26 USEPA. 2016. Climate Impacts on Human Health. April. Website: https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-human-health_.html, last updated on February 24, 2017 (accessed April 2022).

27 California Environmental Protection Agency (CalEPA). 2006. *Climate Action Team Report to Governor Schwarzenegger and the Legislature*. March.

28 Ibid.

29 Ibid.

30 Intergovernmental Panel on Climate Change (IPCC). 2007. *Climate Change 2007: The Physical Science Basis, Summary for Policymakers*. February.

31 CalEPA. 2006, *op. cit.*

- Increase in the number of days conducive to O_3 formation by 25–85 percent (depending on the future temperature scenario) in high O_3 areas by the end of the 21st century.[32]

- High potential for erosion of California's coastlines and seawater intrusion into the Delta and levee systems due to the rise in sea level.[33]

A summary of these potential effects are identified in Table D.

AIR QUALITY REGULATORY SETTING

The USEPA and the CARB regulate direct emissions from motor vehicles. The SJVAPCD is the regional agency primarily responsible for regulating air pollution emissions from stationary sources (e.g., factories) and indirect sources (e.g., traffic associated with new development), as well as monitoring ambient pollutant concentrations.

Federal Regulations

The 1970 Federal Clean Air Act (FCCA) authorized the establishment of national health-based air quality standards and also set deadlines for their attainment. The Federal Clean Air Act Amendments of 1990 changed deadlines for attaining national standards as well as the remedial actions required of areas of the nation that exceed the standards. Under the Clean Air Act, State and local agencies in areas that exceed the national standards are required to develop State Implementation Plans to demonstrate how they will achieve the national standards by specified dates.

State Regulations

California Clean Air Act

In 1988, the California Clean Air Act (CCAA) required that all air districts in the State endeavor to achieve and maintain CAAQS for carbon monoxide, ozone, sulfur dioxide, and nitrogen dioxide by the earliest practical date. The California Clean Air Act provides districts with authority to regulate indirect sources and mandates that air quality districts focus particular attention on reducing emissions from transportation and area-wide emission sources. Each nonattainment district is required to adopt a plan to achieve a 5 percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each nonattainment pollutant or its precursors. A Clean Air Plan shows how a district would reduce emissions to achieve air quality standards. Generally, the State standards for these pollutants are more stringent than the national standards.

California Air Resources Board

The CARB is the State's "clean air agency." The CARB's goals are to attain and maintain healthy air quality, protect the public from exposure to toxic air contaminants, and oversee compliance with air pollution rules and regulations.

32 CalEPA. 2006, *op. cit*.
33 Ibid.

Table D: Potential Impacts of Global Warming and Expected Consequences for California

Potential Water Resource Impacts	Anticipated Consequences Statewide
Reduction of the State's average annual snowpack	• Specifically, the decline of the Sierra snowpack would lead to a loss in half of the surface water storage in California by 70% to 90% over the next 100 years • Potential loss of 5 million acre-feet or more of average annual water storage in the State's snowpack • Increased challenges for reservoir management and balancing the competing concerns of flood protection and water supply • Higher surface evaporation rates with a corresponding increase in tropospheric water vapor
Rise in average sea level	• Potential economic impacts related to coastal tourism, commercial fisheries, coastal agriculture, and ports • Increased risk of flooding, coastal erosion along the State's coastline, seawater intrusion into the Delta and levee systems
Changes in weather	• Changes in precipitation, ocean salinity, and wind patterns • Increased likelihood for extreme weather events, including droughts, heavy precipitation, heat waves, extreme cold, and the intensity of tropical cyclones
Changes in the timing, intensity, location, amount, and variability of precipitation	• Potential increased storm intensity and increased potential for flooding • Possible increased potential for droughts • Long-term changes in vegetation and increased incidence of wildfires • Changes in the intensity and timing of runoff • Possible increased incidence of flooding and increased sedimentation • Sea level rise and inundation of coastal marshes and estuaries • Increased potential for salinity intrusion into coastal aquifers (groundwater) • Increased potential for flooding near the mouths of rivers due to backwater effects
Increased water temperatures	• Increased environmental water demand for temperature control • Possible increased problems with foreign invasive species in aquatic ecosystems • Potential adverse changes in water quality, including the reduction of dissolved oxygen levels • Possible critical effects on listed and endangered aquatic species
Changes in urban and agricultural water demand	• Changes in demand patterns and evapotranspiration
Increase in the number of days conducive to O_3 formation	• Increased temperatures • Potential health effects, including adverse impacts to respiratory systems

Source: United States Department of the Interior, Environmental Water Account, Draft Supplemental EIS/EIR to the Environmental Water Account Final EIS/EIR, Bureau of Reclamation Mid-Pacific Region, Sacramento, California (October 2007).
EIR = Environmental Impact Report
EIS = Environmental Impact Statement
O_3 = ozone

Assembly Bill 2588 Air Toxics "Hot Spots" Information and Assessment Act. Under Assembly Bill (AB) 2588, stationary sources of air pollutants are required to report the types and quantities of certain substances their facilities routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, determine health risks, and notify nearby residents of significant risks.

The California Air Resources Board Handbook. The CARB has developed an Air Quality and Land Use Handbook[34] which is intended to serve as a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. According to the CARB Handbook, air pollution studies have shown an association between respiratory and other non-cancer health effects and proximity to high traffic roadways. Other studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. The CARB Handbook recommends that county and city planning agencies strongly consider proximity to these sources when finding new locations for "sensitive" land uses such as homes, medical facilities, daycare centers, schools, and playgrounds.

Land uses that can produce air pollution sources of concern include freeways, rail yards, ports, refineries, distribution centers, chrome plating facilities, dry cleaners, and large gasoline service stations. Key recommendations in the CARB Handbook include taking steps to avoid siting new, sensitive land uses:

- Within 500 feet of a freeway, urban roads with 100,000 vehicles/day or rural roads with 50,000 vehicles/day;
- Within 1,000 feet of a major service and maintenance rail yard;
- Immediately downwind of ports (in the most heavily impacted zones) and petroleum refineries;
- Within 300 feet of any dry cleaning operation (for operations with two or more machines, provide 500 feet); and
- Within 300 feet of a large gas station (defined as a facility with a throughput of 3.6 million gallons per year or greater).

The CARB Handbook specifically states that its recommendations are advisory and acknowledges land use agencies have to balance other considerations, including housing and transportation needs, economic development priorities, and other quality of life issues.

The recommendations are generalized and do not consider site-specific meteorology, freeway truck percentages, or other factors that influence risk for a particular project site. The purpose of this guidance is to help land use agencies determine when to further examine project sites for actual health risk associated with the location of new sensitive land uses.

Regional Regulations

The SJVAPCD has specific air quality-related planning documents, rules, and regulations. This section summarizes the local planning documents and regulations that may be applicable to the proposed project as administered by the SJVAPCD with CARB oversight.

[34] CARB. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* April.

Rule 2280—Portable Equipment Registration

Portable equipment used at project sites for less than six consecutive months must be registered with the SJVAPCD. The SJVAPCD will issue the registrations 30 days after receipt of the application.[35]

Rule 2303—Mobile Source Emission Reduction Credits

A project may qualify for SJVAPCD vehicle emission reduction credits if it meets the specific requirements of Rule 2303 for any of the following categories: [36]

- Low-Emission Transit Buses
- Zero-Emission Vehicles
- Retrofit Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles
- Retrofit Heavy-Duty Vehicles

Rule 4201 and Rule 4204—Particulate Matter Concentration and Emission Rates

Rule 4201 and Rule 4202 apply to operations that emit or may emit dust, fumes, or total suspended particulate matter.[37]

Rule 8011—General Requirements: Fugitive Dust Emission Sources

Fugitive dust regulations are applicable to outdoor fugitive dust sources. Operations, including construction operations, must control fugitive dust emissions in accordance with SJVAPCD Regulation VIII. According to Rule 8011, the SJVAPCD requires the implementation of control measures for fugitive dust emission sources. For projects in which construction-related activities would disturb equal to or greater than 1 acre of surface area, the SJVAPCD recommends that demonstration of receipt of an SJVAPCD-approved Dust Control Plan or Construction Notification Form, before issuance of the first grading permit, be made a condition of approval.

Rule 9510—Indirect Source Review

In December 2005, the SJVAPCD adopted the Indirect Source Rule (Rule 9510) to meet its emission reduction commitments in the PM_{10} and O_3 Attainment Plans. Indirect Source Review regulation applies to any development project that includes at least 2,000 square feet of commercial space. This Rule requires project applicants to reduce operation emission of NO_x by 33.3 percent of the project's operational baseline and 50 percent of the project's operational PM_{10} emissions.

Guidance for Assessing and Mitigating Air Quality Impacts

The SJVAPCD prepared the GAMAQI to assist lead agencies and project applicants in evaluating the potential air quality impacts of projects in the San Joaquin Valley Air Basin (SJVAB). The GAMAQI provides SJVAPCD-recommended procedures for evaluating potential air quality impacts during the

35 San Joaquin Valley Air Pollution Control District. 1996. Rule 2280 Portable Equipment Registration. Amended May 16.

36 Ibid.

37 San Joaquin Valley Air Pollution Control District, 1992. Rule 4202 Particulate Matter – Emission Rate. Amended December 17, 1992.

CEQA environmental review process. The GAMAQI provides guidance on evaluating short-term (construction) and long-term (operational) air emissions. The most recent version of the GAMAQI, adopted March 19, 2015, was used in this evaluation. It contains guidance on the following:

- Criteria and thresholds for determining whether a project may have a significant adverse air quality impact;
- Specific procedures and modeling protocols for quantifying and analyzing air quality impacts;
- Methods to mitigate air quality impacts; and
- Information for use in air quality assessments and environmental documents, including air quality, regulatory setting, climate, and topography data.

Regional Air Quality Management Plan

The SJVAPCD is responsible for formulating and implementing the Air Quality Management Plan (AQMP) for the SJVAB. The main purpose of an AQMP is to bring the area into compliance with federal and State air quality standards. The SJVAPCD does not have one single AQMP for criteria pollutants, rather the SJVAPCD address each criteria pollutant with its own Plan. The SJVAPCD has the following AQMPs:

- 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards
- 2016 Moderate Area Plan for the 2012 $PM_{2.5}$ Standard
- 2016 Plan for the 2008 8-Hour Ozone Standard
- 2013 Plan for the Revoked 1-Hour Ozone Standard
- 2007 PM_{10} Maintenance Plan
- 2004 Revision to the California State Implementation Plan for Carbon Monoxide

The SJVAPCD's AQMPs incorporate the latest scientific and technological information and planning assumptions, including updated emission inventory methodologies for various source categories. The SJVAPCD's AQMPs included the integrated strategies and measures needed to meet the National Ambient Air Quality Standards (NAAQS), implementation of new technology measures, and demonstrations of attainment of the 1-hour and 8-hour ozone NAAQS as well as the latest 24-hour and annual $PM_{2.5}$ standards.

The SJVAPCD's current air quality plans are discussed below.

Ozone Plans. The SJVAPCD's Governing Board approved the 2016 Plan for the 2008 8-Hour Ozone Standard on June 16, 2016. The comprehensive strategy in this plan will reduce NO_x emissions by over 60 percent between 2012 and 2031, and will bring the San Joaquin Valley into attainment of USEPA's 2008 8-hour ozone standard as expeditiously as practicable, no later than December 31, 2031.

Particulate Matter Plans. The SJVAPCD adopted the 2007 PM_{10} Maintenance Plan in September 2007 to assure the SJVAB's continued attainment of the USEPA's PM_{10} standard. The USEPA designated the valley as an attainment/maintenance area for PM_{10}.

The 2008 $PM_{2.5}$ Plan builds upon the comprehensive strategy adopted in the 2007 Ozone Plan to bring the Basin into attainment of the 1997 national standards for $PM_{2.5}$. The USEPA has identified NO_x and SO_2 as precursors that must be addressed in air quality plans for the 1997 $PM_{2.5}$ standards. The 2008 $PM_{2.5}$ Plan is a continuation of the SJVAPCD's strategy to improve the air quality in the SJVAB.

The SJVAPCD prepared the 2012 $PM_{2.5}$ Plan to bring the San Joaquin Valley into attainment of the USEPA's most recent 24-hour $PM_{2.5}$ standard of 35 µg/m³. The CARB approved the SJVAPCD's 2012 $PM_{2.5}$ Plan at a public hearing on January 24, 2013. The plan, approved by the SJVAPCD Governing Board on December 20, 2012, will bring the Valley into attainment of USEPA's 1997 $PM_{2.5}$ standard as expeditiously as practicable, but no later than, December 31, 2020.

The SJVAPCD adopted the 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards on November 15, 2018. This plan addresses the USEPA federal 1997 annual $PM_{2.5}$ standard of 15 µg/m³ and 24-hour $PM_{2.5}$ standard of 65 µg/m³; the 2006 24-hour $PM_{2.5}$ standard of 35 µg/m³; and the 2012 annual $PM_{2.5}$ standard of 12 µg/m³. This plan demonstrates attainment of the federal $PM_{2.5}$ standards as expeditiously as practicable.

Local Regulations

Air quality is addressed in the City of Fresno General Plan, adopted on December 18, 2014. The General Plan includes goals, policies, and implementing actions that work toward clean air with minimal toxic substances and odor, clean air with minimal particulate content, effective and efficient transportation infrastructure, and coordinated and cooperative intergovernmental air quality programs. The following objective and implementing policies from the General Plan would be applicable to the proposed project.

- **Objective RC-4:** In cooperation with other jurisdictions and agencies in the San Joaquin Valley Air Basin, take necessary actions to achieve and maintain compliance with State and federal air quality standards for criteria pollutants.

- **Policy RC-4-a:** Support Regional Efforts. Support and lead, where appropriate, regional, State and federal programs and actions for the improvement of air quality, especially the SJVAPCD's efforts to monitor and control air pollutants from both stationary and mobile sources and implement Reasonably Available Control Measures in the Ozone Attainment Plan.

- **Policy RC-4-b:** Conditions of Approval. Develop and incorporate air quality maintenance requirements, compatible with Air Quality Attainment and Maintenance Plans, as conditions of approval for General Plan amendments, community plans, Specific Plans, neighborhood plans, Concept Plans, and development proposals.

- **Policy RC-4-c:** Evaluate Impacts with Models. Continue to require the use of computer models used by SJVAPCD to evaluate the air quality impacts of plans and projects that require such environmental review by the City.

- **Policy RC-4-d:** Forward Information. Forward information regarding proposed General Plan amendments, community plans, Specific Plans, neighborhood plans, Concept Plans, and development proposals that require air quality evaluation, and amendments to development regulations to the SJVAPCD for their review of potential air quality and health impacts.

- **Policy RC-4-k**: Electric Vehicle Charging. Develop standards to facilitate electric vehicle charging infrastructure in both new and existing public and private buildings, in order to accommodate these vehicles as the technology becomes more widespread.

ENERGY REGULATORY SETTING

Federal and State agencies regulate energy use and consumption through various means and programs. On the federal level, the U.S. Department of Transportation (U.S. DOT), the United States Department of Energy, and the United States Environmental Protection Agency (USEPA) are three federal agencies with substantial influence over energy policies and programs. Generally, federal agencies influence and regulate transportation energy consumption through establishment and enforcement of fuel economy standards for automobiles and light trucks, through funding of energy-related research and development projects, and through funding for transportation infrastructure improvements. On the State level, the California Public Utilities Commission (CPUC) and the CEC are two agencies with authority over different aspects of energy.

The CPUC regulates privately owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies and serves the public interest by protecting consumers and ensuring the provision of safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental enhancement and a healthy California economy.

The CEC is the State's primary energy policy and planning agency. The CEC forecasts future energy needs, promotes energy efficiency, supports energy research, develops renewable energy resources, and plans for/directs state response to energy emergencies. The applicable federal, State, regional, and local regulatory framework is discussed below.

Federal Regulations

Energy Policy Act of 2005

The Energy Policy Act of 2005 seeks to reduce reliance on non-renewable energy resources and provide incentives to reduce current demand on these resources. For example, under this Act, consumers and businesses can obtain federal tax credits for purchasing fuel-efficient appliances and products (including hybrid vehicles), building energy-efficient buildings, and improving the energy efficiency of commercial buildings. Additionally, tax credits are available for the installation of qualified fuel cells, stationary microturbine power plants, and solar power equipment.

Safer Affordable Fuel-Efficient Vehicles Rule

On March 21, 2020, the USEPA and National Highway Traffic Safety Administration (NHTSA) finalized the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021–2026 Passenger Cars and Light Trucks (SAFE Vehicles Rule). The SAFE Vehicles Rule amends certain existing Corporate Average Fuel Economy and tailpipe carbon dioxide (CO_2) emissions standards for passenger cars and light trucks and establishes new standards, all covering model years 2021 through 2026. More specifically, the NHTSA set new Corporate Average Fuel Economy standards for model years 2022 through 2026 and amended its 2021 model year Corporate Average Fuel Economy standards, and the USEPA amended its CO_2 emissions standards for model years 2021 and later.

State Regulations

Assembly Bill 1575, Warren-Alquist Act

In 1975, largely in response to the oil crisis of the 1970s, the State Legislature adopted Assembly Bill (AB) 1575 (also known as the Warren-Alquist Act), which created the CEC. The statutory mission of the CEC is to forecast future energy needs; license power plants of 50 megawatts (MW) or larger; develop energy technologies and renewable energy resources; plan for and direct State responses to energy emergencies; and, perhaps most importantly, promote energy efficiency through the adoption and enforcement of appliance and building energy efficiency standards. AB 1575 also amended Public Resources Code (PRC) Section 21100(b)(3) and *State CEQA Guidelines* Section 15126.4 to require Environmental Impact Reports (EIRs) to include, where relevant, mitigation measures proposed to minimize the wasteful, inefficient, and unnecessary consumption of energy caused by a project. Thereafter, the State Resources Agency created Appendix F to the *State CEQA Guidelines*. Appendix F assists EIR preparers in determining whether a project will result in the inefficient, wasteful, and unnecessary consumption of energy. Appendix F of the *State CEQA Guidelines* also states that the goal of conserving energy implies the wise and efficient use of energy and the means of achieving this goal, including (1) decreasing overall per capita energy consumption; (2) decreasing reliance on fossil fuels such as coal, natural gas, and oil; and (3) increasing reliance on renewable energy sources.

Senate Bill 1389, Energy: Planning and Forecasting

In 2002, the State Legislature passed Senate Bill (SB) 1389, which required the CEC to develop an integrated energy plan every 2 years for electricity, natural gas, and transportation fuels for the California Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero emission vehicles (ZEVs) and their infrastructure needs, and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

In compliance with the requirements of SB 1389, the CEC adopts an Integrated Energy Policy Report every 2 years and an update every other year. CEC approved the 2020 Integrated Energy Policy

Report in March 2021.[38] The 2020 Integrated Energy Policy Report covers a broad range of topics, including decarbonizing buildings, integrating renewables, energy efficiency, energy equity, integrating renewable energy, updates on Southern California electricity reliability, climate adaptation activities for the energy sector, natural gas assessment, transportation energy demand forecast, and the California Energy Demand Forecast.

Renewable Portfolio Standard

SB 1078 established the California Renewable Portfolio Standards program in 2002. SB 1078 initially required that 20 percent of electricity retail sales be served by renewable resources by 2017; however, this standard has become more stringent over time. In 2006, SB 107 accelerated the standard by requiring that the 20 percent mandate be met by 2010. In April 2011, SB 2 required that 33 percent of electricity retail sales be served by renewable resources by 2020. In 2015, SB 350 established tiered increases to the Renewable Portfolio Standards of 40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. In 2018, SB 100 increased the requirement to 60 percent by 2030 and required that all the State's electricity come from carbon-free resources by 2045. SB 100 took effect on January 1, 2019.[39]

Title 24, California Building Code

Energy consumption by new buildings in California is regulated by the Building Energy Efficiency Standards, embodied in Title 24 of the California Code of Regulations (CCR), known as the California Building Code (CBC). The CEC first adopted the Building Energy Efficiency Standards for Residential and Non-residential Buildings in 1978 in response to a legislative mandate to reduce energy consumption in the State. The CBC is updated every 3 years, and the current 2019 CBC went into effect on January 1, 2020. The efficiency standards apply to both new construction and rehabilitation of both residential and non-residential buildings, and regulate energy consumed for heating, cooling, ventilation, water heating, and lighting. The building efficiency standards are enforced through the local building permit process. Local government agencies may adopt and enforce energy standards for new buildings, provided these standards meet or exceed those provided in CCR Title 24.

California Green Building Standards Code (CALGreen Code)

In 2010, the California Building Standards Commission (CBSC) adopted Part 11 of the Title 24 Building Energy Efficiency Standards, referred to as the California Green Building Standards Code (CALGreen Code). The CALGreen Code took effect on January 1, 2011. The CALGreen Code is updated on a regular basis, with the most recent update consisting of the 2019 CALGreen Code standards that became effective January 1, 2020. The CALGreen Code established mandatory measures for residential and non-residential building construction and encouraged sustainable construction practices in the following five categories: (1) planning and design, (2) energy efficiency, (3) water efficiency and conservation, (4) material conservation and resource efficiency, and (5) indoor environmental quality. Although the CALGreen Code was adopted as part of the State's

[38] CEC. 2020. 2020 Integrated Energy Policy Report. Docket No. 20-IEPR-01.

[39] California Public Utilities Commission (CPUC). 2019. Renewables Portfolio Standard Program. Website: cpuc.ca.gov/rps (accessed April 2022).

efforts to reduce greenhouse gas (GHG) emissions, the CALGreen Code standards have co-benefits of reducing energy consumption from residential and non-residential buildings subject to the standard.

Regional Regulations

There are no regional regulations that apply to the proposed project.

Local Regulations

Air quality is addressed in the City of Fresno General Plan, adopted on December 18, 2014. The General Plan includes goals, policies, and implementing actions that work to reduce the potential use of electricity, natural gas, and fuel. The following implementing policies from the General Plan would be applicable to the proposed project.

- **Policy RC-4-e: Support Employer-Based Efforts.** Support and promote employer implementation of staggered work hours and employee incentives to use carpools, public transit, and other measures to reduce vehicular use and traffic congestion.

- **Policy RC-5-c: GHG Reduction through Design and Operations.** Increase efforts to incorporate requirements for GHG emission reductions in land use entitlement decisions, facility design, and operational measures subject to City regulation through the following measures and strategies:

    - Promote the expansion of incentive-based programs that involve certification of projects for energy and water efficiency and resiliency. These certification programs and scoring systems may include public agency "Green" and conservation criteria, Energy Star™ certification, CALGreen Tier 1 or Tier 2, Leadership in Energy and Environmental Design (LEED™) certification, etc.

    - Promote appropriate energy and water conservation standards and facilitate mixed-use projects, new incentives for infill development, and the incorporation of mass transit, bicycle and pedestrian amenities into public and private projects.

    - Require energy and water audits and upgrades for water conservation, energy efficiency, and mass transit, pedestrian, and bicycle amenities at the time of renovation, change in use, change in occupancy, and change in ownership for major projects meeting review thresholds specified in an implementing ordinance.

    - Incorporate the City's "Guidelines for Ponding Basin/Pond Construction and Management to Control Mosquito Breeding" as conditions of approval for any project using an on-site stormwater basin to prevent possible increases in vector-borne illnesses associated with global climate change.

    - Periodically evaluate the City's facility maintenance practices to determine whether there are additional opportunities to reduce GHGs through facility cleaning and painting, parks maintenance, road maintenance, and utility system maintenance.

- Periodically evaluate standards and mitigation strategies for highly vehicle-dependent land uses and facilities, such as drive-through facilities and auto-oriented development.

- **Policy RC-8-a: Existing Standards and Programs.** Continue existing beneficial energy conservation programs, including adhering to the California Energy Code in new construction and major renovations.

- **Policy RC-8-b: Energy Reduction Targets.** Strive to reduce per capita residential electricity use to 1,800 kWh per year and non-residential electricity use to 2,700 kWh per year per capita by developing and implementing incentives, design and operation standards, promoting alternative energy sources, and cost-effective savings.

- **Policy RC-8-c: Energy Conservation in New Development.** Consider providing an incentive program for new buildings that exceed California Energy Code requirements by fifteen percent.

GLOBAL CLIMAGE CHANGE REGULATION

This section describes regulations related to Global Climate Change at the federal, State, and local level.

Federal Regulations

The United States has historically had a voluntary approach to reducing GHG emissions. However, on April 2, 2007, the United States Supreme Court ruled that the USEPA has the authority to regulate CO_2 emissions under the FCAA. While there currently are no adopted federal regulations for the control or reduction of GHG emissions, the USEPA commenced several actions in 2009 to implement a regulatory approach to global climate change.

This includes the 2009 USEPA final rule for mandatory reporting of GHGs from large GHG emission sources in the United States. Additionally, the USEPA Administrator signed an endangerment finding action in 2009 under the Clean Air Act, finding that six GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, SF_6) constitute a threat to public health and welfare, and that the combined emissions from motor vehicles cause and contribute to global climate change, leading to national GHG emission standards.

In October 2012, the USEPA and the National Highway Traffic Safety Administration (NHTSA), on behalf of the U.S. Department of Transportation, issued final rules to further reduce GHG emissions and improve corporate average fuel economy (CAFE) standards for light-duty vehicles for model years 2017 and beyond (77 *Federal Register* 62624). The NHTSA's CAFE standards have been enacted under the Energy Policy and Conservation Act since 1978. This national program requires automobile manufacturers to build a single light-duty national fleet that meets all requirements under both federal programs and the standards of California and other states. This program would increase fuel economy to the equivalent of 54.5 miles per gallon, limiting vehicle emissions to 163 grams of CO_2 per mile for the fleet of cars and light-duty trucks by model year 2025 (77 *Federal Register* 62630).

On March 21, 2020, the USEPA and NHTSA finalized the *Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021–2026 Passenger Cars and Light Trucks* (SAFE Vehicles Rule). The

SAFE Vehicles Rule amends certain existing CAFE and tailpipe CO_2 emissions standards for passenger cars and light trucks and establish new standards, all covering model years 2021 through 2026. More specifically, NHTSA set new CAFE standards for model years 2022 through 2026 and amended its 2021 model year CAFE standards, and the USEPA amended its CO_2 emissions standards for model years 2021 and later. On May 12, 2021, the NHTSA published a notice of proposed rulemaking in the *Federal Register*, proposing to repeal key portions of the SAFE Vehicles Rule that would have reduced CAFE standards. The final rule repealing portions of the SAFE Vehicles Rule was published on December 29, 2021. The repeal will allow California to set its own GHG standards if it chooses, even if the emissions standards conflict with CAFE standards enacted by the U.S. Department of Transportation.

State Regulations

The CARB is the lead agency for implementing climate change regulations in the State. Since its formation, the CARB has worked with the public, the business sector, and local governments to find solutions to California's air pollution problems. Key efforts by the State are described below.

Assembly Bill 1493 (2002)

In a response to the transportation sector's significant contribution to California's CO_2 emissions, AB 1493 was enacted on July 22, 2002. AB 1493 requires the CARB to set GHG emission standards for passenger vehicles and light duty trucks (and other vehicles whose primary use is noncommercial personal transportation in the State) manufactured in 2009 and all subsequent model years. These standards (starting in model years 2009 to 2016) were approved by the CARB in 2004, but the needed waiver of CCAA Preemption was not granted by the USEPA until June 30, 2009. The CARB responded by amending its original regulation, now referred to as Low Emission Vehicle III, to take effect for model years starting in 2017 to 2025. The Trump administration revoked California's waiver in 2019, but the Biden administration restored California's waiver in 2021.

Executive Order S-3-05 (2005)

Governor Arnold Schwarzenegger signed Executive Order (EO) S-3-05 on June 1, 2005, which proclaimed that California is vulnerable to the impacts of climate change. To combat those concerns, the executive order established California's GHG emissions reduction targets, which established the following goals:

- GHG emissions should be reduced to 2000 levels by 2010;
- GHG emissions should be reduced to 1990 levels by 2020; and
- GHG emissions should be reduced to 80 percent below 1990 levels by 2050.

The Secretary of the California Environmental Protection Agency (CalEPA) is required to coordinate efforts of various State agencies in order to collectively and efficiently reduce GHGs. A biannual progress report must be submitted to the Governor and State Legislature disclosing the progress made toward GHG emission reduction targets. In addition, another biannual report must be submitted illustrating the impacts of global warming on California's water supply, public health, agriculture, the coastline, and forestry, and report possible mitigation and adaptation plans to address these impacts.

The Secretary of CalEPA leads this CAT made up of representatives from State agencies as well as numerous other boards and departments. The CAT members work to coordinate statewide efforts to implement global warming emission reduction programs and the State's Climate Adaptation Strategy. The CAT is also responsible for reporting on the progress made toward meeting the statewide GHG targets that were established in the executive order and further defined under AB 32, the "Global Warming Solutions Act of 2006." The first CAT Report to the Governor and the Legislature was released in March 2006, which it laid out 46 specific emission reduction strategies for reducing GHG emissions and reaching the targets established in the Executive Order. The most recent report was released in December 2020.

Assembly Bill 32 (2006), California Global Warming Solutions Act

California's major initiative for reducing GHG emissions is AB 32, passed by the State legislature on August 31, 2006. This effort aims at reducing GHG emissions to 1990 levels by 2020. The CARB has established the level of GHG emissions in 1990 at 427 million metric tons (MMT) of CO_2e. The emissions target of 427 MMT requires the reduction of 169 MMT from the State's projected business-as-usual 2020 emissions of 596 MMT. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The Scoping Plan was approved by the CARB on December 11, 2008, and contains the main strategies California will implement to achieve the reduction of approximately 169 MMT CO_2e, or approximately 30 percent, from the State's projected 2020 emissions level of 596 MMT CO_2e under a business-as-usual scenario (this is a reduction of 42 MMT CO_2e, or almost 10 percent from 2002–2004 average emissions). The Scoping Plan also includes CARB-recommended GHG reductions for each emissions sector of the State's GHG inventory. The Scoping Plan calls for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO_2e);
- The Low-Carbon Fuel Standard (15.0 MMT CO_2e);
- Energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO_2e); and
- A renewable portfolio standard for electricity production (21.3 MMT CO_2e).

The Scoping Plan identifies 18 emission reduction measures that address cap-and-trade programs, vehicle gas standards, energy efficiency, low carbon fuel standards, renewable energy, regional transportation-related GHG targets, vehicle efficiency measures, goods movement, solar roof programs, industrial emissions, high speed rail, green building strategies, recycling, sustainable forests, water, and air. The measures would result in a total reduction of 174 MMT CO_2e by 2020.

On August 24, 2011, the CARB unanimously approved both the new supplemental assessment and reapproved its Scoping Plan, which provides the overall roadmap and rule measures to carry out AB 32. The CARB also approved a more robust CEQA equivalent document supporting the supplemental analysis of the cap-and-trade program. The cap-and-trade took effect on January 1, 2012, with an enforceable compliance obligation that began January 1, 2013.

CARB has not yet determined what amount of GHG reductions it recommends from local government operations and local land use decisions; however, the Scoping Plan states that land use planning and urban growth decisions will play an important role in the State's GHG reductions because local governments have primary authority to plan, zone, approve, and permit how land is developed to accommodate population growth and the changing needs of their jurisdictions (meanwhile, CARB is also developing an additional protocol for community emissions). CARB further acknowledges that decisions on how land is used will have large impacts on the GHG emissions that will result from the transportation, housing, industry, forestry, water, agriculture, electricity, and natural gas emission sectors. The Scoping Plan states that the ultimate GHG reduction assignment to local government operations is to be determined. With regard to land use planning, the Scoping Plan expects an approximately 5.0 MMT CO_2e reduction due to implementation of SB 375.

In addition to reducing GHG emissions to 1990 levels by 2020, AB 32 directed the CARB and the CAT to identify a list of "discrete early action GHG reduction measures" that could be adopted and made enforceable by January 1, 2010. On January 18, 2007, Governor Schwarzenegger signed EO S-1-07, further solidifying California's dedication to reducing GHGs by setting a new Low Carbon Fuel Standard (LCFS). This executive order sets a target to reduce the carbon intensity of California transportation fuels by at least 10 percent by 2020 and directs the CARB to consider the LCFS as a discrete early action measure. In 2011, U.S. District Court Judge Lawrence O'Neil issued an injunction preventing implementation of the LCFS, ruling that it is unconstitutional. In 2012, the Ninth Circuit Court of Appeal stayed the District Court's injunction, allowing implementation of the LCFS. The Ninth Circuit decided to uphold the LCFS.

In June 2007, the CARB approved a list of 37 early action measures, including three discrete early action measures (LCFS, Restrictions on GWP Refrigerants, and Landfill CH_4 Capture).[40] Discrete early action measures are measures that were required to be adopted as regulations and made effective no later than January 1, 2010, the date established by Health and Safety Code Section 38560.5. The CARB adopted additional early action measures in October 2007 that tripled the number of discrete early action measures. These measures relate to truck efficiency, port electrification, reduction of PFCs from the semiconductor industry, reduction of propellants in consumer products, proper tire inflation, and SF_6 reductions from the non-electricity sector. The combination of early action measures is estimated to reduce statewide GHG emissions by nearly 16 MMT.[41]

The CARB approved the First Update to the Climate Change Scoping Plan on May 22, 2014. The First Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The First Update defines CARB climate change priorities until 2020, and also sets the groundwork to reach long-term goals set forth in EOs S-3-05 and B-16-2012. The Update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals as defined in the initial Scoping Plan. It also evaluates how to align the State's "longer-term" GHG reduction strategies with other State policy priorities for water, waste, natural resources, clean energy, transportation, and land use.

40 CARB. 2007. *Expanded List of Early Action Measures to Reduce Greenhouse Gas Emissions in California Recommended for Board Consideration*. October.

41 CARB. 2007. "ARB approves tripling of early action measures required under AB 32" News Release 07-46. October 25.

CARB released a second update to the Scoping Plan, the 2017 Scoping Plan,[42] to reflect the 2030 target set by EO B-30-15 and codified by SB 32.

CARB is currently working on an update to the 2017 Scoping Plan, which will be released this year. The 2022 Scoping Plan Update will assess progress towards achieving the SB 32 2030 target and lay out a path to achieve carbon neutrality no later than 2045.

Senate Bill 97 (2007)

SB 97, signed by the Governor in August 2007 (Chapter 185, Statutes of 2007; Public Resources Code [PRC], Sections 21083.05 and 21097), acknowledges climate change is a prominent environmental issue that requires analysis under CEQA. This bill directed the Governor's Office of Planning and Research (OPR) to prepare, develop, and transmit to the California Resources Agency guidelines for mitigating GHG emissions or the effects of GHG emissions, as required by CEQA.

The California Natural Resources Agency adopted the amendments to the *State CEQA Guidelines* in November 2018, which went into effect in December 2018. The amendments do not identify a threshold of significance for GHG emissions, nor do they prescribe assessment methodologies or specific mitigation measures. The amendments encourage lead agencies to consider many factors in performing a CEQA analysis, but preserve the discretion granted by CEQA to lead agencies in making their own determinations based on substantial evidence. The amendments also encourage public agencies to make use of programmatic mitigation plans and programs when they perform individual project analyses.

Senate Bill 375 (2008)

SB 375, the Sustainable Communities and Climate Protection Act, which establishes mechanisms for the development of regional targets for reducing passenger vehicle GHG emissions, was adopted by the State on September 30, 2008. On September 23, 2010, the CARB adopted the vehicular GHG emissions reduction targets that had been developed in consultation with the Metropolitan Planning Organization (MPOs); the targets require a 6 to 15 percent reduction by 2020 and between 13 to 19 percent reduction by 2035 for each MPO. SB 375 recognizes the importance of achieving significant GHG reductions by working with cities and counties to change land use patterns and improve transportation alternatives. Through the SB 375 process, MPOs such as the Fresno Council of Governments will work with local jurisdictions in the development of Sustainable Communities Strategy (SCS) designed to integrate development patterns and the transportation network in a way that reduces GHG emissions while meeting housing needs and other regional planning objectives. Pursuant to SB 375, the Central Valley/San Joaquin reduction targets for per capita vehicular emissions were 6-13 percent by 2020 and are 13-16 percent by 2035 as shown in Table E.

[42] CARB. 2017. *California's 2017 Climate Change Scoping Plan*. November.

Table E: Senate Bill 375 Regional Greenhouse Gas Emissions Reduction Targets

Metropolitan Planning Organization	By 2020 (percent)	By 2035 (percent)
San Francisco Bay Area	10	19
San Diego	15	19
Sacramento	7	19
Central Valley/San Joaquin	6-13	13-16
Los Angeles/Southern California	8	19

Source: California Air Resources Board (2018).

Executive Order B-30-15 (2015)

Governor Jerry Brown signed EO B-30-15 on April 29, 2015, which added the immediate target of:

- GHG emissions should be reduced to 40 percent below 1990 levels by 2030.

All State agencies with jurisdiction over sources of GHG emissions were directed to implement measures to achieve reductions of GHG emissions to meet the 2030 and 2050 targets. CARB was directed to update the AB 32 Scoping Plan to reflect the 2030 target, and therefore, is moving forward with the update process. The mid-term target is critical to help frame the suite of policy measures, regulations, planning efforts, and investments in clean technologies and infrastructure needed to continue reducing emissions.

Senate Bill 350 (2015) Clean Energy and Pollution Reduction Act

SB 350, signed by Governor Jerry Brown on October 7, 2015, updates and enhances AB 32 by introducing the following set of objectives in clean energy, clean air, and pollution reduction for 2030:

- Raise California's renewable portfolio standard from 33 percent to 50 percent; and
- Increasing energy efficiency in buildings by 50 percent by the year 2030.

The 50 percent renewable energy standard will be implemented by the CPUC for the private utilities and by the CEC for municipal utilities. Each utility must submit a procurement plan showing it will purchase clean energy to displace other non-renewable resources. The 50 percent increase in energy efficiency in buildings must be achieved through the use of existing energy efficiency retrofit funding and regulatory tools already available to state energy agencies under existing law. The addition made by this legislation requires state energy agencies to plan for, and implement those programs in a manner that achieves the energy efficiency target.

Senate Bill 32, California Global Warming Solutions Act of 2016, and Assembly Bill 197

In summer 2016 the Legislature passed, and the Governor signed, SB 32, and AB 197. SB 32 affirms the importance of addressing climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in Governor Brown's April 2015 EO B-30-15. SB 32 builds on AB 32 and keeps us on the path toward achieving the State's 2050 objective of reducing emissions to 80 percent below 1990 levels, consistent with an IPCC analysis of

the emissions trajectory that would stabilize atmospheric GHG concentrations at 450 parts per million CO_2e and reduce the likelihood of catastrophic impacts from climate change.

The companion bill to SB 32, AB 197, provides additional direction to CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 meant to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's Renewables Portfolio Standard (RPS) requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a state policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all State agencies by December 31, 2045. Under the bill, the State cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

EO B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." EO B-55-18 directs CARB to work with relevant state agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Title 24, Part 11, Building Standards Code and CALGreen Code

In November 2008, the California Building Standards Commission established the California Green Building Standards Code (CALGreen Code), which sets performance standards for residential and non-residential development to reduce environmental impacts and encourage sustainable construction practices. The CALGreen Code addresses energy efficiency, water conservation, material conservation, planning and design, and overall environmental quality. The CALGreen Code is updated every 3 years and was most recently updated in 2019 to include new mandatory measures for residential as well as non-residential uses; the new measures took effect on January 1, 2020. The next set of standards will be adopted in 2022 and apply to projects seeking building permits on or after January 1, 2023.

California Building Efficiency Standards (Title 24, Part 6)

The California Building Standards Code, or Title 24 of the California Code of Regulations (CCR) contains the regulations that govern the construction of buildings in California. Within the Building Standards Code, two parts pertain to the incorporation of both energy efficient and green building elements into land use development. Part 6 is California's Energy Efficiency Standards for Residential and Non-Residential Buildings. These standards were first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption and are updated on an

approximately 3-year cycle to allow consideration and possible incorporation of new energy efficient technologies and methods. All buildings for which an application for a building permit is submitted on or after January 1, 2020, must follow the 2019 standards. The next set of standards is anticipated for release in 2022. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions.

Cap and Trade

The development of a cap-and-trade program was included as a key reduction measure of the CARB AB 32 Climate Change Scoping Plan. The cap-and-trade program will help put California on the path to meet its goal of reducing GHG emissions to 1990 levels by 2020 and ultimately achieving an 80 percent reduction from 1990 levels by 2050. The cap-and-trade emissions trading program developed by the CARB took effect on January 1, 2012, with enforceable compliance obligations beginning January 1, 2013. The cap-and-trade program aims to regulate GHG emissions from the largest producers in the State by setting a statewide firm limit, or cap, on allowable annual GHG emissions. The cap was set in 2013 at approximately 2 percent below the emissions forecast for 2020. In 2014, the cap declined approximately 2 percent. Beginning in 2015 and continuing through 2020, the cap has been declining approximately 3 percent annually. The CARB administered the first auction on November 14, 2012, with many of the qualified bidders representing corporations or organizations that produce large amounts of GHG emissions, including energy companies, agriculture and food industries, steel mills, cement companies, and universities. On January 1, 2015, compliance obligation began for distributors of transportation fuels, natural gas, and other fuels. The cap-and-trade program was initially slated to sunset in 2020 but the passage of SB 398 in 2017 extended the program through 2030.

Executive Order N-79-20

EO N-79-20, which was signed by the Governor on September 23, 2020, sets the following goals for the State: 100 percent of in-state sales of new passenger cars and trucks shall be zero-emission by 2035; 100 percent of medium- and heavy-duty vehicles in the State shall be zero-emission by 2045 for all operations where feasible and by 2035 for drayage trucks; and 100 percent of off-road vehicles and equipment in the State shall be zero-emission by 2035, where feasible.

California Integrated Waste Management Act

To minimize the amount of solid waste that must be disposed of in landfills, the State Legislature passed the California Integrated Waste Management Act of 1989 (AB 939), effective January 1990. According to AB 939, all cities and counties were required to divert 25 percent of all solid waste from landfill facilities by January 1, 1995, and 50 percent by January 1, 2000. Through other statutes and regulations, this 50 percent diversion rate also applies to State agencies. In order of priority, waste reduction efforts must promote source reduction, recycling and composting, and environmentally safe transformation and land disposal. In 2011, AB 341 modified the California Integrated Waste Management Act and directed the California Department of Resources Recycling and Recovery (CalRecycle) to develop and adopt regulations for mandatory commercial recycling. The resulting 2012 Mandatory Commercial Recycling Regulation requires that on and after July 1, 2012, certain businesses that generate four cubic yards or more of commercial solid waste per week shall arrange recycling services. To comply with this requirement, businesses may either separate

recyclables and self-haul them or subscribe to a recycling service that includes mixed waste processing. AB 341 also established a statewide recycling goal of 75 percent; the 50 percent disposal reduction mandate still applies for cities and counties under AB 939, the Integrated Waste Management Act. In April 2016, AB 1826 further modified the California Integrated Waste Management Act, requiring businesses that generate a specified amount of organic waste per week to arrange for recycling services for that organic waste in a specified manner. If CalRecycle determines that statewide disposal of organic waste has not been reduced by 50 percent below 2014 levels by 2020, businesses generating more than two cubic yards of organic waste per week would be subject to these waste collection requirements. CalRecycle plans to make this assessment in the fall of 2020. Diverting organic waste from landfills reduces emissions of CH_4. This is equivalent to reducing anaerobic decomposition of organic waste that would have otherwise occurred in landfills where organic waste is often buried with other inorganic waste.

Low Carbon Fuel Standard

In January 2007, EO S-01-07 established an LCFS. This executive order calls for a statewide goal to be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020, and that an LCFS for transportation fuels be established for California. The LCFS applies to all refiners, blenders, producers, or importers ("Providers") of transportation fuels in California, including fuels used by off-road construction equipment. In June 2007, CARB adopted the LCFS under AB 32 pursuant to Health and Safety Code Section 38560.5, and, in April 2009, CARB approved the new rules and carbon intensity reference values with new regulatory requirements taking effect in January 2011. The standards require providers of transportation fuels to report on the mix of fuels they provide and demonstrate they meet the LCFS intensity standards annually. This is accomplished by ensuring that the number of "credits" earned by providing fuels with a lower carbon intensity than the established baseline (or obtained from another party) is equal to or greater than the "deficits" earned from selling higher intensity fuels. In response to certain court rulings, CARB re-adopted the LCFS regulation in September 2015, and the LCFS went into effect on January 1, 2016. In 2018, CARB approved amendments to the regulation to readjust carbon intensity benchmarks to meet California's 2030 GHG reductions targets under SB 32. These amendments include opportunities to promote zero emission vehicle (ZEV) adoption, carbon capture and sequestration, and advanced technologies for decarbonization of the transportation sector.

Advanced Clean Cars Program

In January 2012, CARB approved the Advanced Clean Cars program, which combines the control of GHG emissions and criteria air pollutants, as well as requirements for greater numbers of ZEVs, into a single package of regulatory standards for vehicle model years 2017 through 2025. The new regulations strengthen the GHG standard for 2017 models and beyond. This will be achieved through existing technologies, the use of stronger and lighter materials, and more efficient drivetrains and engines. The program's ZEVs regulation requires battery, fuel cell, and/or plug-in hybrid electric vehicles to account for up to 15 percent of California's new vehicle sales by 2025. The program also includes a clean fuels outlet regulation designed to support the commercialization of zero-emission hydrogen fuel cell vehicles planned by vehicle manufacturers by 2015 by requiring increased numbers of hydrogen fueling stations throughout the State. The number of stations will grow as vehicle manufacturers sell more fuel cell vehicles. By 2025, when the rules will be fully

implemented, the statewide fleet of new cars and light trucks will emit 40 percent fewer GHGs and 75 percent fewer smog-forming emissions than 2012 model year vehicles.

Executive Order B-48-18

In January 2018, Governor Brown signed EO B-48-18 requiring all State entities to work with the private sector to have at least 5 million ZEVs on the road by 2030, as well as install 200 hydrogen fueling stations and 250,000 electric vehicle charging stations by 2025. It specifies that 10,000 of the electric vehicle charging stations should be direct current fast chargers. This order also requires all State entities to continue to partner with local and regional governments to streamline the installation of ZEV infrastructure. The Governor's Office of Business and Economic Development is required to publish a Plug-in Charging Station Design Guidebook and update the 2015 Hydrogen Station Permitting Guidebook to aid in these efforts. All State entities are required to participate in updating the 2016 Zero-Emissions Vehicle Action Plan to help expand private investment in ZEV infrastructure with a focus on serving low-income and disadvantaged communities. Additionally, all State entities are to support and recommend policies and actions to expand ZEV infrastructure at residential land uses, through the LCFS Program, and recommend how to ensure affordability and accessibility for all drivers.

Regional Regulations

The SJVAPCD has regulatory authority over certain stationary and industrial GHG emission sources and provides voluntary technical guidance on addressing GHGs for other emission sources in a CEQA context. SJVAPCD initiatives were developed in 2008 and do not reflect the latest targets from the State.

Climate Change Action Plan

The San Joaquin Valley Air Pollution Control District Climate Change Action Plan (CCAP) was adopted on August 21, 2008. The CCAP includes suggested best performance standards (BPS) for proposed development projects. However, the SJVAPCD's CCAP was adopted in 2009 and was prepared based on the State's 2020 GHG targets, which are now superseded by State policies (i.e., the 2019 California Green Building Code) and the 2030 GHG targets, established in SB 32.

San Joaquin Valley Carbon Exchange and Rule 2301

The SJVAPCD initiated work on the San Joaquin Valley Carbon Exchange in November 2008. The Exchange was implemented with the adoption of Amendments to Rule 2301 Emission Reduction Credit Banking on January 19, 2012. The purpose of the carbon exchange is to quantify, verify, and track voluntary GHG emissions reductions generated within the San Joaquin Valley.

The SJVAPCD incorporated a method to register voluntary GHG emission reductions with amendments to Rule 2301. The purposes of the amendments to the rule include the following:

- Provide an administrative mechanism for sources to bank voluntary GHG emission reductions for later use.

- Provide an administrative mechanism for sources to transfer banked GHG emission reductions to others for any use.

- Define eligibility standards, quantitative procedures, and administrative practices to ensure that banked GHG emission reductions are real, permanent, quantifiable, surplus, and enforceable.

The SJVAPCD is participating in a new program developed by the California Air Pollution Control Officers Association (CAPCOA) to encourage banking and use of GHG reduction credits referred to as the CAPCOA Greenhouse Gas Reduction Exchange (GHGRx). The GHGRx provides information on GHG credit projects within participating air districts. The SJVAPCD is one of the first to have offsets available for trading on the Exchange.

Local Regulations

The City of Fresno's first GHG Reduction Plan was adopted in December 2014 to reduce local community GHG emissions to 1990 levels by the year 2020, consistent with the State objectives set forth in AB 32. In 2020, the City of Fresno updated its 2014 GHG Reduction Plan (GHG Reduction Plan Update) to conform with existing applicable State climate change policies and regulations to reduce local community GHG emissions to 40 percent below 1990 levels by the year 2030, consistent with the State objectives set by SB 32 and the 2017 Scoping Plan. The GHG Plan Update outlines strategies that the City will undertake to achieve its proportional share of GHG emission reductions. The GHG Reduction Plan Update includes a Consistency Checklist to help the City provide a streamlined review process for new development projects that are subject to discretionary review pursuant to CEQA.

SETTING

This section provides the current SJVAPCD attainment status, climate and air quality, ambient air quality monitoring results, and GHG emissions inventory.

EXISTING CLIMATE AND AIR QUALITY

Air quality is a function of both local climate and local sources of air pollution. The amount of a given pollutant in the atmosphere is determined by the amount of the pollutant released and the atmosphere's ability to transport and dilute the pollutant. The major determinants of transport and dilution are wind, atmospheric stability, terrain, and for photochemical pollutants, sunshine.

The proposed project is located within the San Joaquin Valley Air Basin (SJVAB) and is under the jurisdiction of the SJVAPCD. A region's topographic features have a direct correlation with air pollution flow and therefore are used to determine the boundary of air basins. The SJVAB is comprised of approximately 25,000 square miles and covers of eight counties including Fresno, Kings, Madera, Merced, San Joaquin, Stanislaus and Tulare, and the western portion of Kern. The SJVAB is defined by the Sierra Nevada mountains in the east (8,000 to 14,000 feet in elevation), the Coast Ranges in the west (averaging 3,000 feet in elevation), and the Tehachapi mountains in the south (6,000 to 8,000 feet in elevation). The valley is basically flat with a slight downward gradient to the northwest. The valley opens to the sea at the Carquinez Straits where the San Joaquin-Sacramento Delta empties into San Francisco Bay. An aerial view of the SJVAB would simulate a "bowl" opening only to the north. These topographic features restrict air movement through and out of the basin.

Although marine air generally flows into the basin from the San Joaquin River Delta, the Coast Range hinders wind access into the SJVAB from the west, the Tehachapi Mountains prevent southerly passage of air flow, and the high Sierra Nevada range is a significant barrier to the east. These topographic features result in weak air flow which becomes blocked vertically by high barometric pressure over the SJVAB. As a result, the SJVAB is highly susceptible to pollutant accumulation over time. Most of the surrounding mountains are above the normal height of summer inversion layers (1,500 to 3,000 feet).

Local climatological effects, including wind speed and direction, temperature, inversion layers, precipitation and fog, can exacerbate the air quality in the SJVAB. Wind speed and direction play an important role in dispersion and transport of air pollutants. Wind at the surface and aloft can disperse pollution by mixing vertically and by transporting it to other locations. For example, in the summer, wind usually originates at the north end of the SJVAB and flows in a south-southeasterly direction through the SJVAB, through Tehachapi pass, into the Southeast Desert Air Basin. In the winter, wind direction is reversed and flows in a north-northwesterly direction. In addition to the seasonal wind flow, a sea breeze flows into SJVAB during the day and a land breeze flowing out of the SJVAB at night. The diversified wind flow enhances the pollutant transport capability within SJVAB.

The annual average temperature varies throughout the SJVAB, ranging from the low 40s to high 90s, measured in degrees Fahrenheit (°F). With a more pronounced valley influence, inland areas show more variability in annual minimum and maximum temperatures than coastal areas. The climatological station closest to the site is the Fresno Yosemite International Airport Station (043257). The monthly average maximum temperature recorded at this station from January 1948 to June 2016 ranged from 54.6°F in January to 98.3°F in July, with an annual average maximum of 76.5°F. The monthly average minimum temperature recorded at this station ranged from 37.3°F in December to 65.7°F in July, with an annual average minimum of 50.4°F.[43] These levels are still representative of the project area. January and December are typically the coldest months and July and August are typically the warmest month in this area of the SJVAB.

The majority of annual rainfall in the SJVAB occurs between November and April. Summer rainfall is minimal and is generally limited to scattered thundershowers in desert regions and slightly heavier showers near the lower portion of the Basin and along the Sierra Nevada mountains to the east. Average monthly rainfall during that period varied from 0.01 inches in July and August to 2.09 inches in January, with an annual total of 10.89 inches.[44] Patterns in monthly and yearly rainfall totals are predictable due to the recognizable differences in seasons within the valley.

The vertical dispersion of air pollutants in the SJVAB is limited by the presence of persistent temperature inversions. Because of cooling of the atmosphere, air temperature usually decreases with altitude. A reversal of this atmospheric state, where the air temperature increases with height, is termed an inversion. Inversions can exist at the surface, or at any height above the ground. The height of the base of the inversion is known as the "mixing height." This is the level within which pollutants can mix vertically. Air above and below the inversion base does not mix because of the differences in air density. Semi-permanent systems of high barometric pressure fronts frequently establish themselves over the SJVAB, preventing low pressure systems that might otherwise bring rain and winds that clean the air.

Inversion layers are significant in determining ozone formation, and CO and PM_{10} concentrations. O_3 and its precursors will mix and react to produce higher ozone concentrations under an inversion. The inversion will also simultaneously trap and hold directly emitted pollutants such as carbon monoxide. PM_{10} is both directly emitted and created in the atmosphere as a chemical reaction. Concentration levels of pollutants are directly related to inversion layers due to the limitation of mixing space.

Surface or radiation inversions are formed when the ground surface becomes cooler than the air above it during the night. The earth's surface goes through a radiative process on clear nights, where heat energy is transferred from the ground to a cooler night sky. As the earth's surface cools during the evening hours, the air directly above it also cools, while air higher up remains relatively warm. The inversion is destroyed when heat from the sun warms the ground, which in turn heats

43 Western Regional Climate Center. n.d. Fresno Yosemite International Airport, California (043257), Period of Record Monthly Climate Summary. Website: https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca3257 (accessed April 2022).

44 Ibid.

the lower layers of air; this heating stimulates the ground level air to float up through the inversion layer.

The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are lowest. Periods of low inversions and low wind speeds are conditions favorable to high concentrations of CO and PM_{10}. In the winter, the greatest pollution problems are CO and NO_x because of extremely low inversions and air stagnation during the night and early morning hours. In the summer, the longer daylight hours and the brighter sunshine combine to cause a reaction between hydrocarbons and oxides of nitrogen to form photochemical smog.

ATTAINMENT STATUS

The CARB is required to designate areas of the State as attainment, nonattainment or unclassified for all State standards. An *attainment* designation for an area signifies that pollutant concentrations did not violate the standard for that pollutant in that area. A *nonattainment* designation indicates that a pollutant concentration violated the standard at least once, excluding those occasions when a violation was caused by an exceptional event, as defined in the criteria. An *unclassified* designation signifies that data does not support either an attainment or nonattainment status. The California Clean Air Act divides districts into moderate, serious, and severe air pollution categories, with increasingly stringent control requirements mandated for each category.

The USEPA also designates areas as attainment, nonattainment, or classified. The air quality data are also used to monitor progress in attaining air quality standards. Table F provides a summary of the attainment status for the SJVAB with respect to the NAAQC and CAAQS.

AIR QUALITY MONITORING RESULTS

Air quality monitoring stations are located throughout the nation and are maintained by the local air pollution control district and State air quality regulating agencies. The SJVAPCD, together with the CARB, maintains ambient air quality monitoring stations in the Basin. The air quality monitoring stations closest to the project site located at 4706 Drummond Street, 1716 Winery, and 3727 First Street in the City of Fresno.

Pollutant monitoring results for years 2019 to 2021 at the Fresno ambient air quality monitoring stations are shown in Table G. As indicated in the monitoring results, the federal PM_{10} standard had one exceedance in 2019 and 2020 and no exceedances in 2021. The State PM_{10} standard was exceeded 13 times in 2019, 25 times in 2020, and an unknown number of times in 2021. $PM_{2.5}$ levels exceeded the federal standard three times in 2019, 13 times in 2019, and an unknown number of times in 2021. State 1-hour ozone standards were exceeded once in 2019, 11 times in 2020, and once in 2021. In addition, the State 8-hour ozone standards were exceeded 10 times in 2019, 27 times in 2020, and 37 times in 2021 and the federal 8-hour ozone standards were exceeded 11 times in 2019, 27 times in 2020, and 37 times in 2021. The CO, SO_2, and NO_2 standards were not exceeded in this area during the 3-year period.

Table F: Attainment Status of the San Joaquin Valley Air Basin

Pollutant	State	Federal
O_3 1-hour	Nonattainment/Severe	No Federal Standard[1]
O_3 8-hour	Nonattainment	Extreme Nonattainment[2]
PM_{10}	Nonattainment	Attainment[3]
$PM_{2.5}$	Nonattainment	Nonattainment[4]
CO	Attainment/Unclassified	Attainment/Unclassified
NO_2	Attainment	Attainment/Unclassified
SO_2	Attainment	Attainment/Unclassified
Lead	Attainment	No Designation/Classification
All others	Attainment/Unclassified	N/A

Source: Ambient Air Quality Standards and Valley Attainment Status (SJVAPCD 2020).

[1] Effective June 15, 2005, the U.S. Environmental Protection Agency (USEPA) revoked the federal 1-hour ozone standard, including associated designations and classifications. USEPA had previously classified the SJVAB as extreme nonattainment for this standard. USEPA approved the 2004 Extreme Ozone Attainment Demonstration Plan on March 8, 2010 (effective April 7, 2010). Many applicable requirements for extreme 1-hour ozone nonattainment areas continue to apply to the SJVAB.

[2] Though the Valley was initially classified as serious nonattainment for the 1997 8-hour ozone standard, USEPA approved Valley reclassification to extreme nonattainment in the Federal Register on May 5, 2010 (effective June 4, 2010).

[3] On September 25, 2008, USEPA re-designated the San Joaquin Valley to attainment for the PM_{10} NAAQS and approved the PM_{10} Maintenance Plan.

[4] The Valley is designated nonattainment for the 1997 $PM_{2.5}$ NAAQS. USEPA designated the San Joaquin Valley as nonattainment for the 2006 $PM_{2.5}$ NAAQS on November 13, 2009 (effective December 14, 2009).

CO = carbon monoxide
N/A = not applicable
NAAQS = National Ambient Air Quality Standards
NO_2 = nitrogen dioxide
O_3 = ozone
PM_{10} = particulate matter less than 10 microns in size
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
SJVAB = San Joaquin Valley Air Basin
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_2 = sulfur dioxide
USEPA = United States Environmental Protection Agency

Table G: Ambient Air Quality at Nearby Monitoring Stations

Pollutant	Standard	2019	2020	2021
Carbon Monoxide (CO)[2]				
Maximum 1-hour concentration (ppm)		1.9	5.0	1.9
Number of days exceeded:	State: > 20 ppm	0	0	0
	Federal: > 35 ppm	0	0	0
Maximum 8-hour concentration (ppm)		1.5	2.5	1.7
Number of days exceeded:	State: > 9 ppm	0	0	0
	Federal: > 9 ppm	0	0	0
Ozone (O_3)				
Maximum 1-hour concentration (ppm)		0.099	0.123	0.125
Number of days exceeded:	State: > 0.09 ppm	1	11	1
Maximum 8-hour concentration (ppm)		0.080	0.092	0.099
Number of days exceeded:	State: > 0.07 ppm	10	27	37
	Federal: > 0.07 ppm	11	27	37
Coarse Particulates (PM_{10})				
Maximum 24-hour concentration (µg/m^3)		181.3	350.4	149.0
Number of days exceeded:	State: > 50 µg/m^3	13	25	ND
	Federal: > 150 µg/m^3	1	1	0
Annual arithmetic average concentration (µg/m^3)		39.6	59.9	ND
Exceeded for the year:	State: > 20 µg/m^3	Yes	Yes	ND
	Federal: > 50 µg/m^3	No	Yes	ND
Fine Particulates ($PM_{2.5}$)[1]				
Maximum 24-hour concentration (µg/m^3)		44.7	143.3	81.3
Number of days exceeded:	Federal: > 35 µg/m^3	3	13	ND
Annual arithmetic average concentration (µg/m^3)		11.2	18.5	13.8
Exceeded for the year:	State: > 12 µg/m^3	No	No	Yes
	Federal: > 15 µg/m^3	No	No	No
Nitrogen Dioxide (NO_2)				
Maximum 1-hour concentration (ppm)		0.042	0.067	0.055
Number of days exceeded:	State: > 0.250 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.013	0.013	0.010
Exceeded for the year:	Federal: > 0.053 ppm	No	No	No
Sulfur Dioxide (SO_2)				
Maximum 1-hour concentration (ppm)		0.009	0.016	0.008
Number of days exceeded:	State: > 0.25 ppm	0	0	0
Maximum 24-hour concentration (ppm)		0.002	0.002	0.003
Number of days exceeded:	State: > 0.04 ppm	0	0	0
	Federal: > 0.14 ppm	0	0	0
Annual arithmetic average concentration (ppm)		0.0004	0.0005	0.0004
Exceeded for the year:	Federal: > 0.030 ppm	No	No	No

Sources: CARB (2021) and USEPA (2022).

[1] Data were taken from the 1716 Winery, Fresno monitoring station.

[2] Data were taken from the 3727 First Street, Fresno monitoring station.

µg/m^3 = micrograms per cubic meter

CARB = California Air Resources Board

ND = No data. There were insufficient (or no) data to determine the value.

ppm = parts per million

USEPA = United States Environmental Protection Agency

GREENHOUSE GAS EMISSIONS INVENTORY

An emissions inventory that identifies and quantifies the primary human-generated sources and sinks of GHGs is a well-recognized and useful tool for addressing climate change. This section summarizes the latest information on global, United States, and California GHG emission inventories.

Global Emissions

Worldwide emissions of GHGs in 2018 totaled 25.6 billion metric tons of CO_2e. Global estimates are based on country inventories developed as part of the programs of the United Nations Framework Convention on Climate Change.[45]

United States Emissions

In 2019, the year for which the most recent data are available, the United States emitted about 6,558 million metric tons of CO_2e (MMT CO_2e). Overall, emissions in 2019 decreased by 1.7 percent since 2018 and were 13 percent 2005 levels. This decrease was driven largely by a decrease in emissions from fossil fuel combustion resulting from a decrease in total energy use in 2019 compared to 2018 and a continued shift from coal to natural gas and renewables in the electric power sector. Of the six major sectors – residential, commercial, agricultural, industry, transportation, and electricity generation – transportation accounted for the highest amount of GHG emissions in 2019 (approximately 29 percent), with electricity generation second at 25 percent and emissions from industry third at 23 percent.[46]

State of California Emissions

The State emitted approximately 418.2 MMT CO_2e emissions in 2019, 7.2 MMT CO_2e lower than 2018 levels and almost 13 MMT CO_2e below the 2020 GHG Limit of 431 MMT CO_2e.[47] The CARB estimates that transportation was the source of approximately 40 percent of the State's GHG emissions in 2019, followed by industrial sources at approximately 21 percent and electricity generation at 14 percent. The remaining sources of GHG emissions were agriculture at 8 percent, residential activities at 7 percent, commercial activities at 4 percent, high GWP at 5 percent, and waste at 2 percent.[48]

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45 United Nations Framework Convention on Climate Change (UNFCCC). 2021. GHG Data from UNFCCC. Website: unfccc.int/process-and-meetings/transparency-and-reporting/greenhouse-gas-data/ghg-data-unfccc/ghg-data-from-unfccc (accessed April 2022).

46 USEPA. 2021. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2019. Website: https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks-1990-2019 (accessed April 2022).

47 CARB. 2021. *California Greenhouse Gas Emissions for 2000 to 2019, Trends of Emissions and Other Indicators Report*. Website: https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2019/ghg_inventory_trends_00-19.pdf (accessed April 2022).

48 Ibid.

City of Fresno Emissions

As shown in Table H, in 2016, the City of Fresno emitted approximately 2,923,633 metric tons of CO_2e. As shown in Table H, motor vehicles were the largest source at approximately 52 percent of the City's GHG emissions in 2016, followed by commercial and residential energy at 18 and 16 percent, respectively. The remaining sources included fugitive emissions at 9 percent and solid waste sources at 4 percent. Agriculture and industrial energy emissions each account for less than 1 percent of total emissions.

Table H: City of Fresno GHG Emissions by Sector for 2016

Sector	2016 (MT CO_2e)	Percent of Total Emissions
Motor Vehicles	1,520,052	52
Residential Energy	479,371	16
Commercial Energy	524,838	18
Fugitive Emissions	270,130	9
Solid Waste	119,167	4
Industrial Energy	10,055	<1
Agriculture Energy	20	<1
Total	**2,923,633**	**100**

Source: ICLEI Local Governments for Sustainability, City of Fresno 2016 Inventory Update (2018).
GHG = greenhouse gas
MT CO_2e = metric tons of carbon dioxide equivalent

METHODOLOGY

The methodology used to estimate air quality, health risk, GHG, and energy impacts is described below.

CONSTRUCTION EMISSIONS

Construction activities can generate a substantial amount of air pollution. Construction activities are considered temporary; however, short-term impacts can contribute to exceedances of air quality standards. Construction activities include demolition, site preparation, earthmoving, and general construction. The emissions generated from these common construction activities include fugitive dust from soil disturbance, fuel combustion from mobile heavy-duty diesel and gasoline powered equipment, portable auxiliary equipment, and worker commute trips.

The California Emissions Estimator Model version 2020.4.0 (CalEEMod) computer program was used to calculate emissions from on-site construction equipment and emissions from worker and vehicle trips to the site. This analysis assumes that construction would begin September 2022 and end March 2024. The proposed project would require the import of approximately 5,458 cubic yards of material, which was included in this analysis. This analysis also assumes the use of Tier 2 construction equipment and that the proposed project would comply with SJVAPCD Regulation VIII (Fugitive PM_{10} Prohibitions). All other construction details are not yet known; therefore, default assumptions (e.g., construction worker and truck trips and fleet activities) from CalEEMod were used.

OPERATIONAL EMISSIONS

The air quality analysis includes estimating emissions associated with long-term operation of the proposed project. Consistent with the SJVAPCD guidance for estimating emissions associated with land use development projects, the CalEEMod computer program was used to calculate the long-term operational emissions associated with the project. As discussed in the Project Description section, the proposed project would develop a 205,264 sf warehouse building with ancillary office space and a future expansion option of 40,300 sf of warehouse, as well as associated parking, landscaping, and infrastructure improvements. The proposed project analysis was conducted using land use codes *Unrefrigerated Warehouse-No Rail*, *City Park*, *Parking Lot,* and *Other Non-Asphalt Surfaces*. Trip generation rates used in CalEEMod for the project were based on the project's *Trip Generation and Traffic Impact Study Screening Analysis* [49], which identifies that the proposed project would generate approximately 481 average daily trips, including 321 vehicle trips and 160 truck trips. This analysis assumes that 20 daily truck trips would travel to and from Sacramento, 40 truck trips would travel to and from San Leandro, and 100 daily truck trips would make local deliveries. To be conservative, separate CalEEMod analyses were prepared for the operational analysis. One CalEEMod run evaluated operational and vehicle trip emissions and another CalEEMod run evaluated truck trip emissions. In addition, the proposed project would utilize 32 electric forklifts, which were also included in CalEEMod. When project-specific data were not available, default assumptions from CalEEMod were used to estimate project emissions.

[49] Environment Planning Development Solutions, Inc., 2022. op. cit.

CONSTRUCTION HEALTH RISK ASSESSMENT

A construction health risk assessment (HRA), which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. To estimate the potential cancer risk associated with construction of the proposed project from equipment exhaust (including diesel particulate matter), a dispersion model was used to translate an emission rate from the source location to a concentration at the receptor location of interest (i.e., a nearby residence and worksites). Dispersion modeling varies from a simpler, more conservative screening-level analysis to a more complex and refined detailed analysis. This refined assessment was conducted using the CARB exposure methodology with the air dispersion modeling performed using the USEPA dispersion model AERMOD. The model provides a detailed estimate of exhaust concentrations based on site and source geometry, source emissions strength, distance from the source to the receptor, and meteorological data.

OPERATIONAL HEALTH RISK ASSESSMENT

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. This HRA has been conducted using three models: (1) EMFAC2021 for on-road vehicle emissions factors and percentages of fuel type within the overall vehicle fleet; (2) the USEPA AERMOD air dispersion model to determine how the TACs would move through the atmosphere after release from sources both on site and on surrounding roadways; and (3) CARB's HARP2 model to translate the pollutant concentrations from AERMOD into individual health risks at any sensitive receptor locations surrounding the project site.

The first step of an HRA is to characterize the project-related emissions of TACs. The proposed project would generate approximately 481 average daily trips, including 321 vehicle trips and 160 truck trips. The trucks would access the site by E. North Avenue and S. East Avenue. The proposed project would provide 29 dock-high doors; as the project would contain multiple loading docks, offsite queuing of trucks is not anticipated. While the TAC emissions from gasoline-powered vehicles have a small health effect compared to diesel particulate matter (DPM), this HRA includes both gasoline- and diesel-powered vehicle emissions. For the diesel exhaust emissions, it is sufficient to only consider the DPM (PM_{10} and $PM_{2.5}$) portions of the exhaust; all the TACs for the gasoline exhaust emissions are contained in the ROG emissions. Using speciation data from CARB, the emission rates of the TAC components are derived from the total ROG emissions. These data are attached.

Project trucks would operate in two modes: stationary idling and moving on and off the site. The emissions from trucks while idling result in a much higher concentration of TACs at nearby sensitive receptors compared to the emissions from moving trucks. This is due to the dispersion of emissions that occurs with distance and with travel of the vehicle. For this HRA, the truck travel emissions were modeled as a series of volume sources along the on-site driveway, along E. North Avenue going east and west of the site driveway, and S. East Avenue going north and south of the site driveway. LSA assumed vehicles traveling on site would maneuver slowly, averaging approximately 5-15 miles per hour (mph), and that vehicles traveling on roadways would average 5–55 mph.

The idling emissions of trucks operating on the project site were modeled as point sources within the area sources representing the planned loading docks. EMFAC2021 was used to determine the emissions factors of idling and operating diesel trucks to determine the total emissions of DPM. While it is expected that the truck emissions rate will continue to reduce over time, an HRA only allows for a single emission rate to represent the entire 70-year exposure period. The use of emissions factors for the year 2022, was used as a conservative estimate of emissions, although, the project is not expected to be fully operational until 2024.

ENERGY USE

The analysis of electricity/natural gas usage is based on the CalEEMod modeling, which quantifies energy use for project operations. Fuel consumption (diesel fuel and gasoline) from vehicle trips during operation was estimated for the opening year (2025) of the proposed project based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB's EMission FACtor Model (EMFAC2021) model. Estimates of fuel consumption (diesel fuel and gasoline) from construction trucks and construction worker vehicles were based on trip estimates from the CalEEMod model and fuel efficiencies from the CARB EMFAC2021 model.

The analysis focuses on the four sources of energy that are relevant to the proposed project: electricity, natural gas, the equipment fuel necessary for project construction, and vehicle fuel necessary for project operations. For the purposes of this analysis, the amount of electricity, natural gas, construction fuel, and fuel use from operations are quantified and compared to that consumed in Fresno County. The electricity/natural gas use of the proposed project is analyzed as a whole on an annual basis.

GREENHOUSE GAS ANALYSIS

Recognizing that the field of global climate change analysis is rapidly evolving, the approaches advocated most recently indicate that for determining a project's contribution to GHG emissions, lead agencies should calculate, or estimate, emissions from vehicular traffic, energy consumption, water conveyance and treatment, waste generation, construction activities, and any other significant source of emissions within the project area. The CalEEMod results were used to quantify GHG emissions generated by the project.

THRESHOLDS OF SIGNIFICANCE

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse air quality impact if project-generated pollutant emissions would:

- Conflict with or obstruct implementation of the applicable air quality plan;
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under applicable federal or state ambient air quality standards;
- Expose sensitive receptors to substantial pollutant concentrations; or
- Result in other emissions (such as those leading to odors) affecting a substantial number of people.

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse energy impact if the project would:

- Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation.
- Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse greenhouse gas emission impact if the project would:

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

Certain air districts (e.g., SJVAPCD) have created guidelines and requirements to conduct air quality analysis. The SJVAPCD's current guidelines, the GAMAQI, were followed in this assessment of air quality and GHG impacts for the proposed project.

CRITERIA POLLUANT THRESHOLDS

The SJVAPCD has established thresholds of significance for criteria pollutant emissions generated during construction and operation of projects as shown in Table I.

The emissions thresholds in the SJVAPCD GAMAQI were established based on the attainment status of the air basin in regard to air quality standards for specific criteria pollutants. Because the concentration standards were set at a level that protects public health with an adequate margin of safety, these emission thresholds are regarded as conservative and would overstate an individual project's contribution to health risks.

Table I: SJVAPCD Construction and Operation Thresholds of Significance (Tons per Year)

	CO	NO_x	ROG	SO_x	PM_{10}	$PM_{2.5}$
Construction Thresholds	100.0	10.0	10.0	27.0	15.0	15.0
Operation Thresholds	100.0	10.0	10.0	27.0	15.0	15.0

Source: SJVAPCD. 2015. Guidance for Assessing and Mitigating Air Quality Impacts (March 2018).
CO = carbon monoxide
NO_X = nitrogen oxides
PM_{10} = particulate matter less than 10 microns in diameter
$PM_{2.5}$ = particulate matter less than 2.5 microns in diameter
ROG = reactive organic gases
SJVAPCD =San Joaquin Valley Air Pollution Control District
SO_X = sulfur oxides

HEALTH RISK THRESHOLDS

The following limits for maximum individual cancer risk (MICR) and noncancer acute and chronic Hazard Index (HI) from project emissions of TACs are considered appropriate for use in determining the health risk for projects in the Basin:

- **MICR:** MICR is the estimated probability of a maximally exposed individual (MEI) contracting cancer as a result of exposure to TACs over a period of 70 years for adults and 9 years for children in residential locations, 350 days per year. As a conservative measure, the SJVAPCD does not recognize indoor adjustments for residents. However, the typical person spends the majority of their time indoors versus remaining outdoors 24 hours per day, 350 days per year.[50] The MICR calculations include multi-pathway consideration, when applicable.

  The SJVAPCD's *Update to the District's Risk Management Policy to Address the OEHHA Revised Risk Assessment Guidance Document*[51] states that emissions of TACs are considered significant if an HRA shows an increased risk of greater than 20 in 1 million. Thus, the cumulative increase in MICR that is the sum of the calculated MICR values for all TACs would be considered significant if it would result in an increased MICR greater than 20 in 1 million (2.0×10^{-5}) at any receptor location.

- **Chronic HI:** Chronic HI is the ratio of the estimated long-term level of exposure to a TAC for a potential MEI to its chronic reference exposure level. The chronic HI calculations include multi-pathway consideration when applicable. The project would be considered significant if the cumulative increase in total chronic HI for any target organ system would exceed 1.0 at any receptor location.

50 In May 1991, the California Air Resources Board Research Division, in association with the University of California, Berkeley, published research findings entitled: *Activity Patterns of California Residents*. The findings of that study indicate that on average, adults and adolescents in California spent almost 15 hours per day inside their homes, and 6 hours in other indoor locations, for a total of 21 hours (87 percent of the day). About 2 hours per day were spent in transit, and just over 1 hour per day was spent in outdoor locations.

51 San Joaquin Valley Air Pollution Control District. 2015. *Update to District's Risk Management Policy to Address OEHHA's Revised Risk Assessment Guidance Document*. Website: www.valleyair.org/busind/pto/staff-report-5-28-15.pdf (accessed April 2022).

- **Acute HI:** Acute HI is the ratio of the estimated maximum 1-hour concentration of a TAC for a potential MEI to its acute reference exposure level. The project would be considered significant if the cumulative increase in total acute HI for any target organ system would exceed 1.0 at any receptor location.

The SJVAPCD Governing Board first adopted thresholds for land use projects in 1995 in the *Guide for Assessing and Mitigating Air Quality Impacts* (GAMAQI).[52] The GAMAQI was revised in 2002 and 2015 but retained the original health risk thresholds. The previous project TAC threshold of 10 in 1 million was revised to 20 in 1 million, with the update to the SJVAPCD Risk Management Policy effective July 1, 2015.

GREENHOUSE GAS EMISSIONS

The *State CEQA Guidelines* indicate that a project would normally have a significant adverse GHG emission impact if the project would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or

- Conflict with an applicable plan, policy or regulation adopted for the purpose of reduction the emissions of GHGs.

Section 15064.4 of the *State CEQA Guidelines* states that: "A lead agency should make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate the amount of greenhouse gas emissions resulting from a project." In performing that analysis, the lead agency has discretion to determine whether to use a model or methodology to quantify GHG emissions, or to rely on a qualitative analysis or performance-based standards. In making a determination as to the significance of potential impacts, the lead agency then considers the extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting, whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project, and the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

Therefore, consistent with the *State CEQA Guidelines*, Section 15183.5, if a project is consistent with an adopted qualified Greenhouse Gas Reduction Strategy that meets the standards, it can be presumed that the project would not have significant greenhouse gas emission impacts.

The City of Fresno updated its 2014 GHG Reduction Plan in the year 2020 to conform with existing applicable State climate change policies and regulations to reduce local community GHG emissions to 40 percent below 1990 levels by the year 2030, consistent with the State objectives set by SB 32. The GHG Plan Update outlines strategies that the City will undertake to achieve its proportional share of GHG emission reductions and is consistent with *State CEQA Guidelines* Section 15183.5. The

[52] San Joaquin Valley Air Pollution Control District. 2015. *Guidance for Assessing and Mitigating Air Quality Impacts.* Website: www.valleyair.org/transportation/GAMAQI_3-19-15.pdf (accessed April 2022).

GHG Reduction Plan Update includes a Consistency Checklist to help the City provide a streamlined review process for new development projects that are subject to discretionary review pursuant to CEQA. This analysis evaluates the proposed project's consistency with the City's GHG Reduction Plan Update.

IMPACTS ANALYSIS

This section identifies the air quality, energy, and GHG emissions impacts associated with implementation of the proposed project.

AIR QUALITY IMPACTS

Air pollutant emissions associated with the project would occur over the short term from construction activities and over the long term from operational activities associated with the proposed land uses.

Consistency with Applicable Air Quality Plans

An air quality plan describes air pollution control strategies to be implemented by a city, county, or region classified as a nonattainment area. The main purpose of the air quality plan is to bring the area into compliance with the requirements of the federal and State air quality standards. To bring the San Joaquin Valley into attainment, the SJVAPCD has developed the 2013 Plan for the Revoked 1-Hour O_3 Standard (Ozone Plan), adopted on September 19, 2013. The SJVAPCD also adopted the 2016 Plan for the 2008 8-Hour O_3 Standard in June 2016 to satisfy Clean Air Act requirements and ensure attainment of the 75 parts per billion (ppb) 8-hour O_3 standard.

To assure the SJVAB's continued attainment of the USEPA PM_{10} standard, the SJVAPCD adopted the 2007 PM_{10} Maintenance Plan in September 2007. SJVAPCD Regulation VIII (Fugitive PM_{10} Prohibitions) is designed to reduce PM_{10} emissions generated by human activity. The SJVAPCD adopted the 2018 Plan for the 1997, 2006, and 2012 $PM_{2.5}$ Standards in November 2018 to address the USEPA 1997 annual $PM_{2.5}$ standard of 15 µg/m^3 and 24-hour $PM_{2.5}$ standard of 65 µg/m^3, the 2006 24-hour $PM_{2.5}$ standard of 35 µg/m^3, and the 2012 annual $PM_{2.5}$ standard of 12 µg/m^3.

CEQA requires that certain projects be analyzed for consistency with the applicable air quality plan. For a project to be consistent with SJVAPCD air quality plans, the pollutants emitted from a project should not exceed the SJVAPCD emission thresholds or cause a significant impact on air quality. In addition, emission reductions achieved through implementation of offset requirements are a major component of the SJVAPCD air quality plans. As discussed below, construction of the project would not result in the generation of criteria air pollutants that would exceed SJVAPCD thresholds of significance. Implementation of SJVAPCD Regulation VIII would further reduce construction dust impacts. Operational emissions associated with the project would not exceed SJVAPCD established significance thresholds for ROG, NO_x, CO, sulfur oxides (SO_x), PM_{10}, or $PM_{2.5}$ emissions. With implementation of Rule 9510, NO_x and PM_{10} emissions would further be reduced. Therefore, the project would not conflict with or obstruct implementation of SJVAPCD air quality plans.

Criteria Pollutant Analysis

The SJVAB is designated as nonattainment for O_3 and $PM_{2.5}$ for federal standards and non-attainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards. The SJVAPCD's nonattainment status is attributed to the region's development history. Past, present, and future development projects contribute to the region's adverse air quality impacts on a cumulative basis. By its very nature, air

pollution is largely a cumulative impact. No single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's contribution to the cumulative impact is considerable, then the project's impact on air quality would be considered significant.

In developing thresholds of significance for air pollutants, the SJVAPCD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be cumulatively considerable, resulting in significant adverse air quality impacts to the region's existing air quality conditions. Therefore, additional analysis to assess cumulative impacts is unnecessary. The following analysis assesses the potential project-level construction- and operation-related air quality impacts.

Construction Emissions

During construction, short-term degradation of air quality may occur due to the release of particulate emissions generated by grading, paving, building, and other activities. Emissions from construction equipment are also anticipated and would include CO, NO_x, ROG, directly-emitted particulate matter ($PM_{2.5}$ and PM_{10}), and TACs such as diesel exhaust particulate matter.

Project construction activities would include grading, paving, and building activities. Construction-related effects on air quality from the proposed project would be greatest during the site preparation phase due to the disturbance of soils. If not properly controlled, these activities would temporarily generate particulate emissions. Sources of fugitive dust would include disturbed soils at the construction site. Unless properly controlled, vehicles leaving the site would deposit dirt and mud on local streets, which could be an additional source of airborne dust after it dries. PM_{10} emissions would vary from day to day, depending on the nature and magnitude of construction activity and local weather conditions. PM_{10} emissions would depend on soil moisture, silt content of soil, wind speed, and the amount of operating equipment. Larger dust particles would settle near the source, while fine particles would be dispersed over greater distances from the construction site.

Fugitive dust emissions are generally associated with land clearing and exposure of soils to the air and wind, as well as cut-and-fill grading operations. Dust generated during construction varies substantially on a project-by-project basis, depending on the level of activity, the specific operations, and weather conditions at the time of construction. The project would be required to comply with Regulation VIII (Fugitive PM_{10} Prohibition) to control fugitive dust. SJVAPCD Rule 8011, General Requirements, and Rule 8021, Construction, Demolition Excavation, Extraction, and Other Earthmoving Activities, would also be applicable. With compliance with Regulation VIII measures and Rules 8011 and 8021, fugitive dust emissions from construction activities would not result in adverse air quality impacts.

In addition to dust-related PM_{10} emissions, heavy trucks and construction equipment powered by gasoline and diesel engines would generate CO, SO_2, NO_x, volatile organic compounds (VOCs) and some soot particulate ($PM_{2.5}$ and PM_{10}) in exhaust emissions. If construction activities were to increase traffic congestion in the area, CO and other emissions from traffic would increase slightly

while those vehicles idle in traffic. These emissions would be temporary in nature and limited to the immediate area surrounding the construction site.

Construction emissions were estimated for the project using the California Emissions Estimator Model (CalEEMod) Version 2020.4.0, consistent with SJVAPCD recommendations. Table J lists the tentative construction schedule starting in September 2022 and completing construction in March 2024. Table K lists the potential construction equipment to be used during project construction under each phase of construction.

Table J: Tentative Project Construction Schedule

Phase Number	Phase Name	Phase Start Date	Phase End Date	Number of Days/Week	Number of Days
1	Site Preparation	9/26/2022	10/7/2022	5	10
2	Grading	10/8/2022	11/18/2022	5	30
3	Building Construction	11/19/2022	1/12/2024	5	300
4	Paving	1/13/2024	2/9/2024	5	20
5	Architectural Coating	2/10/2024	3/8/2024	5	20

Source: Compiled by LSA (April 2022).

Table K: Diesel Construction Equipment Utilized by Construction Phase

Construction Phase	Off-Road Equipment Type	Off-Road Equipment Unit Amount	Hours Used per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	3	8	247	0.40
	Tractors/Loaders/Backhoes	4	8	97	0.37
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.40
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	8	231	0.29
	Forklifts	3	8	89	0.20
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	8	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	8	78	0.48

Source: Compiled by LSA using CalEEMod defaults (April 2022).
CalEEMod = California Emissions Estimator Model

Other precise details of construction activities are unknown at this time; therefore, default settings (e.g., construction equipment) from CalEEMod were assumed. Table L identifies the total annual emissions associated with construction activities. Appendix A provides CalEEMod output sheets.

Table L: Project Construction Emissions

Construction Year	Total Regional Pollutant Emissions[1] (tons/year)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
2022	0.1	1.5	1.1	<0.1	0.2	0.1
2023	0.3	4.0	3.6	<0.1	0.5	0.2
2024	0.8	0.4	0.3	<0.1	<0.1	<0.1
Maximum	**0.8**	**4.0**	**3.6**	**<0.1**	**0.5**	**0.2**
SJVAPCD Thresholds	**10.0**	**10.0**	**100.0**	**27.0**	**15.0**	**15.0**
Significant Emissions?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (April 2022).
[1] All on-site and off-site emissions are presented as construction mitigation in the CalEEMod model output files.
CO = carbon monoxide
NO_X = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_X = sulfur oxides
ROG = reactive organic gases

As shown in Table L, construction emissions associated with the project would not exceed the SJVAPCD's thresholds for ROG, NO_x, CO, SO_x, $PM_{2.5,}$ or PM_{10} emissions. As shown in Table L, construction emissions associated with the project would not exceed the significance criteria for annual ROG, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ emissions. Therefore, construction of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or State AAQS.

Operational Air Quality Impacts

Long-term air pollutant emission impacts are those associated with mobile sources (e.g., vehicle trips), energy sources (e.g., electricity and natural gas), area sources (e.g., architectural coatings and the use of landscape maintenance equipment), and off-road sources (e.g., forklifts) related to the proposed project.

PM_{10} emissions result from running exhaust, tire and brake wear, and the entrainment of dust into the atmosphere from vehicles traveling on paved roadways. Entrainment of PM_{10} occurs when vehicle tires pulverize small rocks and pavement and the vehicle wakes generate airborne dust. The contribution of tire and brake wear is small compared to the other PM emission processes. Gasoline-powered engines have small rates of particulate matter emissions compared with diesel-powered vehicles.

Energy source emissions result from activities in buildings for which electricity and natural gas are used. The quantity of emissions is the product of usage intensity (i.e., the amount of electricity or natural gas) and the emission factor of the fuel source. Major sources of energy demand for the proposed project could include building mechanical systems, such as heating and air conditioning, lighting, and plug-in electronics, such as refrigerators or computers. Greater building or appliance efficiency reduces the amount of energy for a given activity and thus lowers the resultant emissions.

The emission factor is determined by the fuel source, with cleaner energy sources, like renewable energy, producing fewer emissions than conventional sources.

Typically, area source emissions consist of direct sources of air emissions located at the project site, including architectural coatings, consumer products, and the use of landscape maintenance equipment. Off-road source emissions would be associated with the use of forklifts.

Emission estimates for operation of the project were calculated using CalEEMod. The primary emissions associated with the project are regional in nature, meaning that air pollutants are rapidly dispersed on release or, in the case of vehicle emissions associated with the project; emissions are released in other areas of the SJVAB. The annual emissions associated with project operational trip generation, energy, and area sources are identified in Table M. CalEEMod output sheets are included in Appendix A.

Table M: Project Operational Emissions

Emission Type	Pollutant Emissions (tons/year)					
	ROG	NO_X	CO	SO_X	PM_{10}	$PM_{2.5}$
Area Sources	1.1	<0.1	<0.1	0.0	<0.1	<0.1
Energy Sources	<0.1	0.2	0.2	<0.1	<0.1	<0.1
Mobile Sources – Vehicles	0.4	0.6	5.5	<0.1	1.6	0.4
Mobile Sources – Trucks	0.1	8.2	1.1	0.1	2.1	0.7
Off-Road Sources	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Project Emissions	**1.6**	**9.0**	**6.8**	**0.1**	**3.7**	**1.1**
SJVAPCD Thresholds	**10.0**	**10.0**	**100.0**	**27.0**	**15.0**	**15.0**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Compiled by LSA (April 2022).
CO = carbon monoxide
NO_x = nitrogen oxides
$PM_{2.5}$ = particulate matter less than 2.5 microns in size
PM_{10} = particulate matter less than 10 microns in size
SJVAPCD = San Joaquin Valley Air Pollution Control District
SO_X = sulfur oxides
ROG = reactive organic gases

The results shown in Table M indicate the project would not exceed the significance criteria for annual ROG, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ emissions; therefore, the proposed project would not have a significant effect on regional air quality. As shown in Table M, SJVAPCD emissions of ROG, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ would be below the thresholds. Therefore, operation of the project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project is nonattainment under applicable CAAQS or NAAQS.

In addition, the project would be required to implement District Rule 9510 Indirect Source Review as the project would develop more than the 100,000 sf of industrial space threshold. Implementation of Rule 9510 would reduce operational emissions of NO_x and PM_{10} by 33.3 percent and 50 percent, respectively. The Project Applicant must submit an Air Impact Assessment to the SJVAPCD consistent with Rule 9510 prior to obtaining building permits.

Health Risk on Nearby Sensitive Receptors

Sensitive receptors are defined as people that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include schools, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential dwelling units. The closest sensitive receptors are located more than 1,500 feet from the project site along S. Cherry Avenue and the

nearest worker receptors are located adjacent to the north, east, south, and west borders of the project site.

The following section describes the potential impacts on sensitive receptors from construction and operation of the proposed project. The HRA analysis and results are presented below; data outputs are included in Appendix B.

Construction Health Risk Assessment

A construction HRA, which evaluates construction-period health risk to off-site receptors, was performed for the proposed project. Table N, below, identifies the results of the analysis assuming the use of Tier 2 construction equipment, as proposed by the project, at the MEI, which is the nearest sensitive receptor. Model snap shots of the sources are shown in Appendix B of this EIR.

Table N: Health Risks from Project Construction to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	1.07	0.059	0.000
Sensitive Receptor Risk	5.21	0.005	0.000
SJVAPCD Significance Threshold	**20**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (April 2022).
SJVAPCD = San Joaquin Valley Air Pollution Control District

As shown in Table N, the maximum cancer risk for the sensitive receptor MEI would be 5.21 in one million, less than the threshold of 20 in one million. The worker receptor risk would be lower at 1.07 in one million. The total chronic hazard index would be 0.059 for the worker receptor MEI and 0.005 for the sensitive receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from construction-related emissions of TACs would be well below the SJVAPCD's HRA thresholds. No significant health risk would occur from project construction emissions.

Operational Health Risk Assessment

To determine the potential health risk to people living and working near the proposed project associated with the exhaust of diesel-powered trucks and equipment, an operational HRA was conducted for the proposed project. The carcinogenic and chronic health risks from the proposed project are shown in Table O. The residential risk incorporates both the risk for a child living in a nearby residence for 9 years (the standard period of time for child risk) and an adult living in a nearby residence for 70 years (considered a conservative period of time for an individual to live in any one residence).

Table O: Health Risks from Project Operation to Off-Site Receptors

Location	Carcinogenic Inhalation Health Risk in One Million	Chronic Inhalation Hazard Index	Acute Inhalation Hazard Index
Worker Receptor Risk	3.04	0.006	0.000
Sensitive Receptor Risk	1.39	0.000	0.000
SJVAPCD Significance Threshold	**20**	**1.0**	**1.0**
Significant?	**No**	**No**	**No**

Source: LSA (April 2022).
SJVAPCD = San Joaquin Valley Air Pollution Control District

As shown in Table O, the maximum cancer risk for the sensitive receptor MEI would be 3.04 in one million, less than the threshold of 20 in one million. The worker receptor risk would be lower at 1.39 in one million. The total chronic hazard index would be 0.006 for the worker receptor MEI and nominal (0.000) for the sensitive receptor MEI, which is below the threshold of 1.0. In addition, the total acute hazard index would be nominal (0.000), which would also not exceed the threshold of 1.0. As these results show, all health risk levels to nearby residents from operation-related emissions of TACs would be well below the SJVAPCD's HRA thresholds. No significant health risk would occur from project operation emissions.

Odors

Heavy-duty equipment in the project area during construction would emit odors, primarily from the equipment exhaust. However, the construction activity would cease to occur after individual construction is completed. No other sources of objectionable odors have been identified for the project, and no mitigation measures are required.

The SJVAPCD addresses odor criteria within the GAMAQI. The district has not established a rule standard regarding odor emissions, rather, the district has a nuisance rule "Any project with the potential to frequently expose members of the public to object able odors to be deemed to have a significant impact." The proposed uses are not anticipated to emit any objectionable odors. Therefore, objectionable odors affecting a substantial number of people would not occur as a result of the project.

ENERGY IMPACTS

The following describes the potential impacts regarding energy resources that could result from implementation of the proposed project.

Energy Consumption

The proposed project would increase the demand for energy through day-to-day operations and fuel consumption associated with project construction. This section discusses energy use resulting from implementation of the proposed project and evaluates whether the proposed project would result in the wasteful, inefficient, or unnecessary consumption of energy resources or conflict with any applicable plans for renewable energy and energy efficiency.

Construction Energy Use

Construction of the proposed project is anticipated to begin in September 2022 and end in March 2024, and would require energy for activities such as the manufacture and transportation of building materials, grading activities, and building construction. Construction of the proposed project would require electricity to power construction-related equipment. Construction of the proposed project would not involve the consumption of natural gas. The construction-related equipment would not be powered by natural gas, and no natural gas demand is anticipated during construction.

Transportation energy represents the largest energy use during construction and would occur from the transport and use of construction equipment, delivery vehicles and haul trucks, and construction worker vehicles that would use petroleum fuels (e.g., diesel fuel and/or gasoline). Therefore, the analysis of energy use during construction focuses on fuel consumption. Construction trucks and vendor trucks hauling materials to and from the project site would be anticipated to use diesel fuel, whereas construction workers traveling to and from the project site would be anticipated to use gasoline-powered vehicles. Fuel consumption from transportation uses depends on the type and number of trips, VMT, the fuel efficiency of the vehicles, and the travel mode.

Estimates of fuel consumption (diesel fuel and gasoline) from construction equipment, construction trucks, and construction worker vehicles were based on default construction equipment assumptions and trip estimates from CalEEMod and fuel efficiencies from EMFAC2021. Fuel consumption estimates are presented in Table P. CalEEMod output sheets are included in Appendix A and detailed energy calculations are included in Appendix C.

Table P: Proposed Project Energy Consumption Estimates during Construction

Energy Type	Total Energy Consumption	Percentage Increase Countywide
Diesel Fuel (total gallons)	291,240	0.19
Gasoline (total gallons)	74,964	0.02

Source: Compiled by LSA (April 2022).

As indicated in Table P, the project would consume approximately 291,240 gallons of diesel fuel and approximately 74,964 gallons of gasoline during construction. Based on fuel consumption obtained from EMFAC2021, approximately 376.0 million gallons of gasoline and approximately 157.0 million gallons of diesel will be consumed from vehicle trips in Fresno County in 2022. Therefore, construction of the proposed project would increase the annual construction generated fuel use in Fresno County by approximately 0.19 percent for diesel fuel usage and 0.02 percent for gasoline fuel usage. As such, project construction would have a negligible effect on local and regional energy supplies. Furthermore, impacts related to energy use during construction would be temporary and relatively small in comparison to Fresno County's overall use of the State's available energy resources. No unusual project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the State. In addition, construction activities are not anticipated to result in an inefficient use of energy as gasoline and diesel fuel would be supplied by construction contractors who would conserve the use of their supplies to minimize their costs on the project. The project would not cause or result in the

need for additional energy facilities or an additional or expanded delivery system. For these reasons, fuel consumption during construction would not be inefficient, wasteful, or unnecessary.

Operational Energy Usage

Operational energy use is typically associated with natural gas use, electricity consumption, and fuel used for vehicle trips associated with a project. Energy consumption was estimated for the proposed project using default energy intensities by land use type in CalEEMod.

The proposed project would also result in energy usage associated with gasoline and diesel fuel consumed by project-related vehicle and truck trips. Fuel use associated with vehicle and truck trips generated by the proposed project was calculated based on the project's Trip Generation and Traffic Impact Study Screening Analysis [53], which identifies that the proposed project would generate approximately 481 average daily trips, including 321 vehicle trips and 160 truck trips. The amount of operational fuel use was estimated using CARB's EMFAC2021 model, which provided projections for typical daily fuel usage in Fresno County.

Electricity, natural gas, and fuel usage estimates associated with the proposed project are shown in Table Q.

Table Q: Proposed Project Energy Consumption Estimates during Operation

Energy Type	Annual Energy Consumption	Percentage Increase Countywide
Electricity Consumption (kWh/year)	2,492,730	0.03
Natural Gas Consumption (therms/year)	43,991	0.01
Automotive Fuel Consumption		
Gasoline (gallons/year)	134,448	0.04
Diesel Fuel (gallons/year)	545,668	0.35

Source: Compiled by LSA (April 2022).
kWh = kilowatt-hours

As shown in Table Q, the estimated potential increase in electricity demand associated with the operation of the proposed project is 2,492,730 kilowatt-hours (kWh) per year. Total electricity demand in Fresno County in 2020 was approximately 8,018 GWh (8,017,830,742 kWh). Therefore, operation of the proposed project would increase the annual electricity consumption in Fresno County by approximately 0.03 percent.

As shown in Table Q, the estimated potential increase in natural gas demand associated with the proposed project is 43,991 therms per year. Total natural gas consumption in Fresno County in 2020 was approximately 326 million therms (325,915,257 therms). Therefore, operation of the proposed project would negligibly increase the annual natural gas consumption in Fresno County by approximately 0.01 percent.

Electrical and natural gas demand associated with project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region.

[53] Environment Planning Development Solutions, Inc. 2022. op. cit.

Furthermore, the proposed project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. The project would be required to adhere to all federal, State, and local requirements for energy efficiency, including the Title 24 standards. Title 24 building energy efficiency standards establish minimum efficiency standards related to various building features, including appliances, water and space heating and cooling equipment, building insulation and roofing, and lighting, which would reduce energy usage.

In addition, as shown in Table Q, fuel use associated with the vehicle trips generated by the proposed project is estimated at 134,448 gallons of gasoline and 545,668 gallons of diesel fuel per year. This analysis conservatively assumes that all vehicle trips generated as a result of project operation would be new to Fresno County. Based on fuel consumption obtained from EMFAC2021, approximately 376.0 million gallons of gasoline and approximately 157.0 million gallons of diesel will be consumed from vehicle trips in Fresno County in 2022. Therefore, vehicle and truck trips associated with the proposed project would increase the annual fuel use in Fresno County by approximately 0.04 percent for gasoline fuel usage and approximately 0.35 for diesel fuel usage. Fuel consumption associated with vehicle trips generated by project operations would not be considered inefficient, wasteful, or unnecessary in comparison to other similar developments in the region.

Conflict with Renewable Energy or Energy Efficiency Plans

In 2002, the Legislature passed SB 1389, which required the CEC to develop an integrated energy plan every two years for electricity, natural gas, and transportation fuels for the Integrated Energy Policy Report. The plan calls for the State to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for ZEVs and their infrastructure needs, and encouragement of urban designs that reduce VMT and accommodate pedestrian and bicycle access.

The CEC recently adopted the *2021 Integrated Energy Policy Report*.[54] The Integrated Energy Policy Report provides the results of the CEC's assessments of a variety of energy issues facing California. The City of Fairfield relies on the State integrated energy plan and does not have its own local plan to address renewable energy or energy efficiency.

As indicated above, energy usage on the project site during construction would be temporary in nature and would be relatively small in comparison to the overall use in the County. In addition, energy usage associated with operation of the proposed project would be relatively small in comparison to the overall use in Fresno County, and the State's available energy resources. Therefore, energy impacts at the regional level would be negligible. Because California's energy conservation planning actions are conducted at a regional level, and because the proposed project's total impact on regional energy supplies would be minor, the proposed project would not conflict with or obstruct California's energy conservation plans as described in the CEC's Integrated Energy Policy Report. Additionally, as demonstrated above, the proposed project would not result in the

[54] CEC. 2021g. *2021 Integrated Energy Policy Report*. Docket No. 21-IEPR-01.

inefficient, wasteful, and unnecessary consumption of energy. Potential impacts related to conflict with or obstruction of a State or local plan for renewable energy or energy efficiency would be less than significant, and no mitigation is required.

GREENHOUSE GAS IMPACTS

This section describes the potential GHG impacts associated with implementation the proposed project.

Generate Greenhouse Gas Emissions

An evaluation of the project's impacts related to the release of GHG emissions for both construction and operational phases of the project is described below.

Short-Term Greenhouse Gas Emissions

Construction activities associated with the proposed project would produce combustion emissions from various sources. During construction, GHGs would be emitted through the operation of construction equipment and from worker and builder supply vendor vehicles, each of which typically use fossil-based fuels to operate. The combustion of fossil-based fuels creates GHGs such as CO_2, CH_4, and N_2O. Furthermore, CH_4 is emitted during the fueling of heavy equipment. Exhaust emissions from on-site construction activities would vary daily as construction activity levels change.

The City of Fresno does not have an adopted threshold of significance for construction-related GHG emissions. However, emissions that would occur during construction were quantified and are disclosed for informational purposes. Using CalEEMod, it is estimated that construction of the proposed project would generate approximately 1,148.7 metric tons of CO_2e. Table R lists the annual GHG emissions (details are provided in the CalEEMod output in Appendix A).

Table R: Construction Greenhouse Gas Emissions

Construction Year	Annual Emissions (metric tons per year)			
	CO_2	CH_4	N_2O	CO_2e
2022	220.8	<0.1	<0.1	224.6
2023	846.3	0.1	<0.1	863.2
2024	30.1	<0.1	<0.1	60.9
			Total Construction Emissions	**1,148.7**

Source: Compiled by LSA (April 2022).
CH_4 = methane
CO_2 = carbon dioxide
CO_2e = carbon dioxide equivalent
N_2O = nitrous oxide

Even though the City of Fresno does not have any adopted GHG emission thresholds, the emission results shown in Table R would be temporary in nature, and would only occur for the duration construction.

Long-Term Greenhouse Gas Emissions

Long-term GHG emissions are typically generated from mobile sources (e.g., vehicle trips), area sources (e.g., maintenance activities and landscaping), indirect emissions from sources associated

with energy consumption, waste sources (land filling and waste disposal), and water sources (water supply and conveyance, treatment, and distribution). Mobile-source GHG emissions would include project-generated vehicle trips to and from the project. Area-source emissions would be associated with activities such as landscaping and maintenance on the project site. Energy source emissions would be generated at off-site utility providers as a result of increased electricity demand generated by the project. Waste source emissions generated by the proposed project include energy generated by land filling and other methods of disposal related to transporting and managing project-generated waste. In addition, water source emissions associated with the proposed project are generated by water supply and conveyance, water treatment, water distribution, and wastewater treatment.

As identified above, the City's GHG Reduction Plan Update meets the requirements for a Qualified Greenhouse Gas Reduction Strategy. Therefore, this analysis evaluates the proposed project's consistency with the City's GHG Reduction Plan Update.

The GHG Reduction Plan Update requires an analysis of GHG emissions to ensure that the change in land use designation would not result in a significant increase in GHG emissions compared to the existing land use designation. The proposed project would not require a change to the General Plan land use designation or the current zoning and would be consistent with the City's General Plan and Zoning Ordinance. Therefore, an analysis of the proposed project's estimated GHG emissions compared to maximum buildout of the existing designation would not be required.

The GHG Reduction Plan Update includes a Consistency Checklist to help the City provide a streamlined review process for new development projects that are subject to discretionary review pursuant to CEQA. The project's Consistency Checklist is included in Appendix D. As shown in the Consistency Checklist, the proposed project would be consistent with the applicable strategies from the GHG Reduction Plan Update. Therefore, the proposed project would not generate GHG emissions, either directly or indirectly, that may have a significant effect on the environment.

Consistency with Greenhouse Gas Emissions Reduction Plans

As discussed above, the proposed project is consistent with the City's GHG Reduction Plan Update. In addition, the proposed project was analyzed for consistency with the goals of AB 32 and the AB 32 Scoping Plan. The following discussion evaluates the proposed project according to the goals of AB 32, the AB 32 Scoping Plan, EO B-30-15, SB 32, and AB 197.

AB 32 is aimed at reducing GHG emissions to 1990 levels by 2020. AB 32 requires the CARB to prepare a Scoping Plan that outlines the main State strategies for meeting the 2020 deadline and to reduce GHGs that contribute to global climate change. The AB 32 Scoping Plan has a range of GHG reduction actions, which includes direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, market-based mechanisms such as a cap-and-trade system, and an AB 32 implementation fee to fund the program.

EO B-30-15 added the immediate target of reducing GHG emissions to 40 percent below 1990 levels by 2030. CARB released a second update to the Scoping Plan, the 2017 Scoping Plan, to reflect the 2030 target set by EO B-30-15 and codified by SB 32. SB 32 affirms the importance of addressing

climate change by codifying into statute the GHG emissions reductions target of at least 40 percent below 1990 levels by 2030 contained in EO B-30-15. SB 32 builds on AB 32 and keeps the State on the path toward achieving the 2050 objective of reducing emissions to 80 percent below 1990 levels. The companion bill to SB 32, AB 197, provides additional direction to the CARB related to the adoption of strategies to reduce GHG emissions. Additional direction in AB 197 intended to provide easier public access to air emissions data that are collected by CARB was posted in December 2016.

As identified above, the AB 32 Scoping Plan contains GHG reduction measures that work towards reducing GHG emissions, consistent with the targets set by AB 32 and EO B-30-15 and codified by SB 32 and AB 197. The measures applicable to the proposed project include energy efficiency measures, water conservation and efficiency measures, and transportation and motor vehicle measures, as discussed below.

Energy efficient measures are intended to maximize energy efficiency building and appliance standards, pursue additional efficiency efforts including new technologies and new policy and implementation mechanisms, and pursue comparable investment in energy efficiency from all retail providers of electricity in California. In addition, these measures are designed to expand the use of green building practices to reduce the carbon footprint of California's new and existing inventory of buildings. The proposed project would be required to comply with the latest Title 24 standards of the CCR, established by the CEC, regarding energy conservation and green building standards. Therefore, the proposed project would comply with applicable energy measures.

Water conservation and efficiency measures are intended to continue efficiency programs and use cleaner energy sources to move and treat water. Increasing the efficiency of water transport and reducing water use would reduce GHG emissions. As noted above, the proposed project would be required to comply with the latest Title 24 standards of the CCR, which includes a variety of different measures, including reduction of wastewater and water use. Therefore, the proposed project would not conflict with any of the water conservation and efficiency measures.

The goal of transportation and motor vehicle measures is to develop regional GHG emissions reduction targets for passenger vehicles. The second phase of Pavley standards will reduce GHG emissions from new cars by 34 percent from 2016 levels by 2025, resulting in a 3 percent decrease in average vehicle emissions for all vehicles by 2020. Vehicles traveling to the project site would comply with the Pavley II (LEV III) Advanced Clean Cars Program. Therefore, the proposed project would not conflict with the identified transportation and motor vehicle measures.

As such, the proposed project would comply with existing State regulations adopted to achieve the overall GHG emissions reduction goals identified in AB 32 and would be consistent with applicable plans and programs designed to reduce GHG emissions. Therefore, the proposed project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

CONCLUSIONS

Based on the analysis presented above, the proposed project would not conflict with or obstruct implementation of SJVAPCD air quality plans. In addition, construction and operation of the proposed project would not result in the generation of criteria air pollutants that would exceed SJVAPCD thresholds of significance. The proposed project is not expected to produce significant emissions that would affect nearby sensitive receptors. The project would also not result in objectionable odors affecting a substantial number of people. In addition, the project would not result in substantial GHG emissions during construction or operation. Additionally, the proposed project would not conflict with the City's GHG Reduction Plan Update or the objectives embodied in AB 32, EO B-30-15, SB 32, or AB 197. Therefore, the proposed project's incremental contribution to cumulative GHG emissions would not be cumulatively considerable.

APPENDIX A

CALEEMOD OUTPUT SHEETS

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Reyes Fresno Warehouse - Construction Analysis

Fresno County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	245.56	1000sqft	4.69	245,564.00	0
Other Asphalt Surfaces	3.96	Acre	3.96	172,497.60	0
Parking Lot	285.00	Space	2.46	114,000.00	0
Parking Lot	58.26	1000sqft	1.34	58,260.00	0
City Park	2.33	Acre	2.33	101,494.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Auto parking stalls based on space, Trailer and dock door stalls based on 1000sqft (Trailer stalls: 55x12, Dock door stalls: 65x12). City Park in place of landscaping. Total project site is 14.78 acres.

Construction Phase -

Off-road Equipment - Assumed 8hr work day

Off-road Equipment - Assumed 8hr work day.

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 Applied

Off-road Equipment - Crawler Tractors in place of Tractors/Loaders/Backhoes

Grading - 5,458 cubic yards of material import.

Architectural Coating - SJVAPCD Rule 4601

Vehicle Trips - Construction Analysis only

Consumer Products - Construction Analysis Only

Area Coating - Construction Analysis Only

Landscape Equipment - Construction Analysis Only

Energy Use - Construction Analysis Only

Water And Wastewater - Construction Analysis Only

Solid Waste - Construction Analysis Only

Construction Off-road Equipment Mitigation - SJVAPCD Rule 8021 Fugitive Dust and assuming use of Tier 2 construction equipment.

Area Mitigation - SJVAPCD Rule 4601 Architectural Coatings

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	65.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	65.00
tblArchitecturalCoating	EF_Parking	150.00	65.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblConstEquipMitigation	Tier	No Change	Tier 2
tblGrading	MaterialImported	0.00	5,458.00
tblLandUse	LandUseSquareFeet	245,560.00	245,564.00
tblLandUse	LotAcreage	5.64	4.69
tblLandUse	LotAcreage	2.56	2.46
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

2.0 Emissions Summary

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1182	1.1541	0.9544	2.4500e-003	0.2917	0.0473	0.3390	0.1203	0.0438	0.1641	0.0000	220.8355	220.8355	0.0424	9.2100e-003	224.6411
2023	0.3505	2.7283	3.3382	9.2900e-003	0.3998	0.1029	0.5027	0.1085	0.0967	0.2052	0.0000	846.2760	846.2760	0.0874	0.0494	863.1899
2024	0.8081	0.2123	0.3115	6.7000e-004	0.0212	9.0200e-003	0.0302	5.7300e-003	8.4300e-003	0.0142	0.0000	60.0933	60.0933	0.0101	1.9800e-003	60.9350
Maximum	**0.8081**	**2.7283**	**3.3382**	**9.2900e-003**	**0.3998**	**0.1029**	**0.5027**	**0.1203**	**0.0967**	**0.2052**	**0.0000**	**846.2760**	**846.2760**	**0.0874**	**0.0494**	**863.1899**

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	0.0713	1.4711	1.1114	2.4500e-003	0.1474	0.0409	0.1882	0.0561	0.0408	0.0968	0.0000	220.8353	220.8353	0.0424	9.2100e-003	224.6409
2023	0.2829	4.0097	3.5756	9.2900e-003	0.3998	0.1307	0.5305	0.1085	0.1304	0.2389	0.0000	846.2756	846.2756	0.0874	0.0494	863.1895
2024	0.8046	0.3877	0.3480	6.7000e-004	0.0212	0.0130	0.0342	5.7300e-003	0.0130	0.0187	0.0000	60.0933	60.0933	0.0101	1.9800e-003	60.9349
Maximum	**0.8046**	**4.0097**	**3.5756**	**9.2900e-003**	**0.3998**	**0.1307**	**0.5305**	**0.1085**	**0.1304**	**0.2389**	**0.0000**	**846.2756**	**846.2756**	**0.0874**	**0.0494**	**863.1895**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.25**	**-43.32**	**-9.36**	**0.00**	**20.25**	**-15.97**	**13.64**	**27.40**	**-23.68**	**7.57**	**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	**9-26-2022**	**12-25-2022**	1.2028	1.4598
2	**12-26-2022**	**3-25-2023**	0.7736	1.0706
3	**3-26-2023**	**6-25-2023**	0.7753	1.0820
4	**6-26-2023**	**9-25-2023**	0.7746	1.0814
5	**9-26-2023**	**12-25-2023**	0.7754	1.0789
6	**12-26-2023**	**3-25-2024**	1.0566	1.2409
		Highest	1.2028	1.4598

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.2108	0.3560	1.9935	4.7500e-003	0.4698	3.9000e-003	0.4737	0.1257	3.6600e-003	0.1294	0.0000	446.6485	446.6485	0.0232	0.0242	454.4529
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.3952**	**0.5717**	**2.1800**	**6.0400e-003**	**0.4698**	**0.0203**	**0.4901**	**0.1257**	**0.0201**	**0.1458**	**64.9125**	**927.1091**	**992.0216**	**4.6894**	**0.0771**	**1,132.2189**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.2108	0.3560	1.9935	4.7500e-003	0.4698	3.9000e-003	0.4737	0.1257	3.6600e-003	0.1294	0.0000	446.6485	446.6485	0.0232	0.0242	454.4529
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.3952**	**0.5717**	**2.1800**	**6.0400e-003**	**0.4698**	**0.0203**	**0.4901**	**0.1257**	**0.0201**	**0.1458**	**64.9125**	**927.1091**	**992.0216**	**4.6894**	**0.0771**	**1,132.2189**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	9/26/2022	10/7/2022	5	10	
2	Grading	Grading	10/8/2022	11/18/2022	5	30	
3	Building Construction	Building Construction	11/19/2022	1/12/2024	5	300	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Paving	Paving	1/13/2024	2/9/2024	5	20	
5	Architectural Coating	Architectural Coating	2/10/2024	3/8/2024	5	20	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 90

Acres of Paving: 7.76

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 368,346; Non-Residential Outdoor: 122,782; Striped Parking Area: 20,685 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
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	8.00	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	8.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
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
Architectural Coating	Air Compressors	1	8.00	78	0.48

Trips and VMT

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	682.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	291.00	113.00	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
Architectural Coating	1	58.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0159	0.1654	0.0985	1.9000e-004		8.0600e-003	8.0600e-003		7.4200e-003	7.4200e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	**0.0159**	**0.1654**	**0.0985**	**1.9000e-004**	**0.0983**	**8.0600e-003**	**0.1064**	**0.0505**	**7.4200e-003**	**0.0579**	**0.0000**	**16.7197**	**16.7197**	**5.4100e-003**	**0.0000**	**16.8549**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.3300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5883	0.5883	2.0000e-005	2.0000e-005	0.5941
Total	**3.0000e-004**	**2.1000e-004**	**2.3300e-003**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5883**	**0.5883**	**2.0000e-005**	**2.0000e-005**	**0.5941**

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					0.0383	0.0000	0.0383	0.0197	0.0000	0.0197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0500e-003	0.1686	0.1148	1.9000e-004		4.7300e-003	4.7300e-003		4.7300e-003	4.7300e-003	0.0000	16.7197	16.7197	5.4100e-003	0.0000	16.8549
Total	**6.0500e-003**	**0.1686**	**0.1148**	**1.9000e-004**	**0.0383**	**4.7300e-003**	**0.0431**	**0.0197**	**4.7300e-003**	**0.0244**	**0.0000**	**16.7197**	**16.7197**	**5.4100e-003**	**0.0000**	**16.8549**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-004	2.1000e-004	2.3300e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5883	0.5883	2.0000e-005	2.0000e-005	0.5941
Total	**3.0000e-004**	**2.1000e-004**	**2.3300e-003**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**7.2000e-004**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.5883**	**0.5883**	**2.0000e-005**	**2.0000e-005**	**0.5941**

3.3 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					0.1384	0.0000	0.1384	0.0549	0.0000	0.0549	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0544	0.5827	0.4356	9.3000e-004		0.0245	0.0245		0.0226	0.0226	0.0000	81.8019	81.8019	0.0265	0.0000	82.4633
Total	**0.0544**	**0.5827**	**0.4356**	**9.3000e-004**	**0.1384**	**0.0245**	**0.1629**	**0.0549**	**0.0226**	**0.0774**	**0.0000**	**81.8019**	**81.8019**	**0.0265**	**0.0000**	**82.4633**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2900e-003	0.0522	9.9300e-003	2.1000e-004	5.8400e-003	5.2000e-004	6.3600e-003	1.6000e-003	5.0000e-004	2.1000e-003	0.0000	20.1399	20.1399	1.6000e-004	3.1700e-003	21.0877
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	6.9000e-004	7.7500e-003	2.0000e-005	2.4000e-003	1.0000e-005	2.4100e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9609	1.9609	6.0000e-005	6.0000e-005	1.9802
Total	**2.3000e-003**	**0.0529**	**0.0177**	**2.3000e-004**	**8.2400e-003**	**5.3000e-004**	**8.7700e-003**	**2.2400e-003**	**5.1000e-004**	**2.7500e-003**	**0.0000**	**22.1008**	**22.1008**	**2.2000e-004**	**3.2300e-003**	**23.0680**

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					0.0540	0.0000	0.0540	0.0214	0.0000	0.0214	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0272	0.7686	0.5508	9.3000e-004		0.0200	0.0200		0.0200	0.0200	0.0000	81.8018	81.8018	0.0265	0.0000	82.4632
Total	**0.0272**	**0.7686**	**0.5508**	**9.3000e-004**	**0.0540**	**0.0200**	**0.0740**	**0.0214**	**0.0200**	**0.0414**	**0.0000**	**81.8018**	**81.8018**	**0.0265**	**0.0000**	**82.4632**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2900e-003	0.0522	9.9300e-003	2.1000e-004	5.8400e-003	5.2000e-004	6.3600e-003	1.6000e-003	5.0000e-004	2.1000e-003	0.0000	20.1399	20.1399	1.6000e-004	3.1700e-003	21.0877
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0100e-003	6.9000e-004	7.7500e-003	2.0000e-005	2.4000e-003	1.0000e-005	2.4100e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9609	1.9609	6.0000e-005	6.0000e-005	1.9802
Total	**2.3000e-003**	**0.0529**	**0.0177**	**2.3000e-004**	**8.2400e-003**	**5.3000e-004**	**8.7700e-003**	**2.2400e-003**	**5.1000e-004**	**2.7500e-003**	**0.0000**	**22.1008**	**22.1008**	**2.2000e-004**	**3.2300e-003**	**23.0680**

3.4 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	0.0272	0.2515	0.2616	4.3000e-004		0.0130	0.0130		0.0122	0.0122	0.0000	37.2465	37.2465	9.1300e-003	0.0000	37.4748
Total	**0.0272**	**0.2515**	**0.2616**	**4.3000e-004**		**0.0130**	**0.0130**		**0.0122**	**0.0122**	**0.0000**	**37.2465**	**37.2465**	**9.1300e-003**	**0.0000**	**37.4748**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4900e-003	0.0914	0.0259	3.5000e-004	0.0112	9.8000e-004	0.0122	3.2500e-003	9.4000e-004	4.1900e-003	0.0000	33.8473	33.8473	2.6000e-004	5.1000e-003	35.3735
Worker	0.0147	0.0100	0.1128	3.1000e-004	0.0349	1.8000e-004	0.0351	9.2800e-003	1.6000e-004	9.4400e-003	0.0000	28.5310	28.5310	9.3000e-004	8.7000e-004	28.8125
Total	**0.0182**	**0.1014**	**0.1387**	**6.6000e-004**	**0.0461**	**1.1600e-003**	**0.0473**	**0.0125**	**1.1000e-003**	**0.0136**	**0.0000**	**62.3783**	**62.3783**	**1.1900e-003**	**5.9700e-003**	**64.1860**

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	0.0173	0.3794	0.2870	4.3000e-004		0.0144	0.0144		0.0144	0.0144	0.0000	37.2465	37.2465	9.1300e-003	0.0000	37.4748
Total	**0.0173**	**0.3794**	**0.2870**	**4.3000e-004**		**0.0144**	**0.0144**		**0.0144**	**0.0144**	**0.0000**	**37.2465**	**37.2465**	**9.1300e-003**	**0.0000**	**37.4748**

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3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4900e-003	0.0914	0.0259	3.5000e-004	0.0112	9.8000e-004	0.0122	3.2500e-003	9.4000e-004	4.1900e-003	0.0000	33.8473	33.8473	2.6000e-004	5.1000e-003	35.3735
Worker	0.0147	0.0100	0.1128	3.1000e-004	0.0349	1.8000e-004	0.0351	9.2800e-003	1.6000e-004	9.4400e-003	0.0000	28.5310	28.5310	9.3000e-004	8.7000e-004	28.8125
Total	**0.0182**	**0.1014**	**0.1387**	**6.6000e-004**	**0.0461**	**1.1600e-003**	**0.0473**	**0.0125**	**1.1000e-003**	**0.0136**	**0.0000**	**62.3783**	**62.3783**	**1.1900e-003**	**5.9700e-003**	**64.1860**

3.4 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	0.2176	2.0069	2.2503	3.7500e-003		0.0973	0.0973		0.0914	0.0914	0.0000	322.9214	322.9214	0.0787	0.0000	324.8880
Total	**0.2176**	**2.0069**	**2.2503**	**3.7500e-003**		**0.0973**	**0.0973**		**0.0914**	**0.0914**	**0.0000**	**322.9214**	**322.9214**	**0.0787**	**0.0000**	**324.8880**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2023

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	0.0158	0.6455	0.1934	2.9400e-003	0.0974	4.1300e-003	0.1015	0.0281	3.9600e-003	0.0321	0.0000	282.5268	282.5268	1.5300e-003	0.0425	295.2378
Worker	0.1172	0.0759	0.8945	2.5900e-003	0.3024	1.4700e-003	0.3039	0.0804	1.3500e-003	0.0817	0.0000	240.8277	240.8277	7.2400e-003	6.9000e-003	243.0640
Total	**0.1330**	**0.7214**	**1.0879**	**5.5300e-003**	**0.3998**	**5.6000e-003**	**0.4054**	**0.1085**	**5.3100e-003**	**0.1138**	**0.0000**	**523.3545**	**523.3545**	**8.7700e-003**	**0.0494**	**538.3018**

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	0.1499	3.2883	2.4877	3.7500e-003		0.1251	0.1251		0.1251	0.1251	0.0000	322.9211	322.9211	0.0787	0.0000	324.8876
Total	**0.1499**	**3.2883**	**2.4877**	**3.7500e-003**		**0.1251**	**0.1251**		**0.1251**	**0.1251**	**0.0000**	**322.9211**	**322.9211**	**0.0787**	**0.0000**	**324.8876**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2023

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	0.0158	0.6455	0.1934	2.9400e-003	0.0974	4.1300e-003	0.1015	0.0281	3.9600e-003	0.0321	0.0000	282.5268	282.5268	1.5300e-003	0.0425	295.2378
Worker	0.1172	0.0759	0.8945	2.5900e-003	0.3024	1.4700e-003	0.3039	0.0804	1.3500e-003	0.0817	0.0000	240.8277	240.8277	7.2400e-003	6.9000e-003	243.0640
Total	**0.1330**	**0.7214**	**1.0879**	**5.5300e-003**	**0.3998**	**5.6000e-003**	**0.4054**	**0.1085**	**5.3100e-003**	**0.1138**	**0.0000**	**523.3545**	**523.3545**	**8.7700e-003**	**0.0494**	**538.3018**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.8400e-003	0.0721	0.0861	1.4000e-004		3.2800e-003	3.2800e-003		3.0800e-003	3.0800e-003	0.0000	12.4226	12.4226	3.0100e-003	0.0000	12.4978
Total	**7.8400e-003**	**0.0721**	**0.0861**	**1.4000e-004**		**3.2800e-003**	**3.2800e-003**		**3.0800e-003**	**3.0800e-003**	**0.0000**	**12.4226**	**12.4226**	**3.0100e-003**	**0.0000**	**12.4978**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9000e-004	0.0248	7.2600e-003	1.1000e-004	3.7500e-003	1.6000e-004	3.9100e-003	1.0800e-003	1.5000e-004	1.2400e-003	0.0000	10.6810	10.6810	6.0000e-005	1.6100e-003	11.1615
Worker	4.1700e-003	2.5700e-003	0.0318	1.0000e-004	0.0116	5.0000e-005	0.0117	3.0900e-003	5.0000e-005	3.1400e-003	0.0000	9.0289	9.0289	2.5000e-004	2.5000e-004	9.1083
Total	**4.7600e-003**	**0.0274**	**0.0390**	**2.1000e-004**	**0.0154**	**2.1000e-004**	**0.0156**	**4.1700e-003**	**2.0000e-004**	**4.3800e-003**	**0.0000**	**19.7099**	**19.7099**	**3.1000e-004**	**1.8600e-003**	**20.2698**

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	5.7700e-003	0.1265	0.0957	1.4000e-004		4.8100e-003	4.8100e-003		4.8100e-003	4.8100e-003	0.0000	12.4226	12.4226	3.0100e-003	0.0000	12.4978
Total	**5.7700e-003**	**0.1265**	**0.0957**	**1.4000e-004**		**4.8100e-003**	**4.8100e-003**		**4.8100e-003**	**4.8100e-003**	**0.0000**	**12.4226**	**12.4226**	**3.0100e-003**	**0.0000**	**12.4978**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9000e-004	0.0248	7.2600e-003	1.1000e-004	3.7500e-003	1.6000e-004	3.9100e-003	1.0800e-003	1.5000e-004	1.2400e-003	0.0000	10.6810	10.6810	6.0000e-005	1.6100e-003	11.1615
Worker	4.1700e-003	2.5700e-003	0.0318	1.0000e-004	0.0116	5.0000e-005	0.0117	3.0900e-003	5.0000e-005	3.1400e-003	0.0000	9.0289	9.0289	2.5000e-004	2.5000e-004	9.1083
Total	**4.7600e-003**	**0.0274**	**0.0390**	**2.1000e-004**	**0.0154**	**2.1000e-004**	**0.0156**	**4.1700e-003**	**2.0000e-004**	**4.3800e-003**	**0.0000**	**19.7099**	**19.7099**	**3.1000e-004**	**1.8600e-003**	**20.2698**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	0.0102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0201**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1885**

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.2800e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9308	0.9308	3.0000e-005	3.0000e-005	0.9390
Total	**4.3000e-004**	**2.7000e-004**	**3.2800e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**0.9308**	**0.9308**	**3.0000e-005**	**3.0000e-005**	**0.9390**

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	9.3100e-003	0.2012	0.1730	2.3000e-004		6.6700e-003	6.6700e-003		6.6700e-003	6.6700e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	0.0102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0195**	**0.2012**	**0.1730**	**2.3000e-004**		**6.6700e-003**	**6.6700e-003**		**6.6700e-003**	**6.6700e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1884**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3000e-004	2.7000e-004	3.2800e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9308	0.9308	3.0000e-005	3.0000e-005	0.9390
Total	**4.3000e-004**	**2.7000e-004**	**3.2800e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2000e-003**	**3.2000e-004**	**1.0000e-005**	**3.2000e-004**	**0.0000**	**0.9308**	**0.9308**	**3.0000e-005**	**3.0000e-005**	**0.9390**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4100e-003	0.0163	0.0241	4.0000e-005		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4091
Total	**0.7734**	**0.0163**	**0.0241**	**4.0000e-005**		**8.1000e-004**	**8.1000e-004**		**8.1000e-004**	**8.1000e-004**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4091**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.0300e-003	0.0127	4.0000e-005	4.6400e-003	2.0000e-005	4.6600e-003	1.2300e-003	2.0000e-005	1.2500e-003	0.0000	3.5992	3.5992	1.0000e-004	1.0000e-004	3.6308
Total	**1.6600e-003**	**1.0300e-003**	**0.0127**	**4.0000e-005**	**4.6400e-003**	**2.0000e-005**	**4.6600e-003**	**1.2300e-003**	**2.0000e-005**	**1.2500e-003**	**0.0000**	**3.5992**	**3.5992**	**1.0000e-004**	**1.0000e-004**	**3.6308**

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	0.7710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5200e-003	0.0314	0.0244	4.0000e-005		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	3.4043	3.4043	1.9000e-004	0.0000	3.4091
Total	**0.7725**	**0.0314**	**0.0244**	**4.0000e-005**		**1.2700e-003**	**1.2700e-003**		**1.2700e-003**	**1.2700e-003**	**0.0000**	**3.4043**	**3.4043**	**1.9000e-004**	**0.0000**	**3.4091**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6600e-003	1.0300e-003	0.0127	4.0000e-005	4.6400e-003	2.0000e-005	4.6600e-003	1.2300e-003	2.0000e-005	1.2500e-003	0.0000	3.5992	3.5992	1.0000e-004	1.0000e-004	3.6308
Total	**1.6600e-003**	**1.0300e-003**	**0.0127**	**4.0000e-005**	**4.6400e-003**	**2.0000e-005**	**4.6600e-003**	**1.2300e-003**	**2.0000e-005**	**1.2500e-003**	**0.0000**	**3.5992**	**3.5992**	**1.0000e-004**	**1.0000e-004**	**3.6308**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.2108	0.3560	1.9935	4.7500e-003	0.4698	3.9000e-003	0.4737	0.1257	3.6600e-003	0.1294	0.0000	446.6485	446.6485	0.0232	0.0242	454.4529
Unmitigated	0.2108	0.3560	1.9935	4.7500e-003	0.4698	3.9000e-003	0.4737	0.1257	3.6600e-003	0.1294	0.0000	446.6485	446.6485	0.0232	0.0242	454.4529

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	1.82	4.57	5.10	5,720	5,720
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	427.27	427.27	427.27	1,247,432	1,247,432
Total	429.09	431.84	432.38	1,253,153	1,253,153

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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
City Park	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Other Asphalt Surfaces	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Parking Lot	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Unrefrigerated Warehouse-No Rail	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
NaturalGas Mitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
NaturalGas Unmitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Reyes Fresno Warehouse - Construction Analysis - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Unmitigated	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113

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	0.1779					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Total	**1.1607**	**5.0000e-005**	**5.4600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**3.0000e-005**	**0.0000**	**0.0113**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1779					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Total	**1.1607**	**5.0000e-005**	**5.4600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**3.0000e-005**	**0.0000**	**0.0113**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	47.3441	1.8551	0.0443	106.9132
Unmitigated	47.3441	1.8551	0.0443	106.9132

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

8.0 Waste Detail

8.1 Mitigation Measures Waste

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.8970	2.7715	0.0000	116.1853
Unmitigated	46.8970	2.7715	0.0000	116.1853

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Equipment Type	Number

11.0 Vegetation

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Reyes Fresno Warehouse - Operational Analysis (Automobiles)

Fresno County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	245.56	1000sqft	4.69	245,564.00	0
Other Asphalt Surfaces	3.96	Acre	3.96	172,497.60	0
Parking Lot	285.00	Space	2.46	114,000.00	0
Parking Lot	58.26	1000sqft	1.34	58,260.00	0
City Park	2.33	Acre	2.33	101,494.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Auto parking stalls based on space, Trailer and dock door stalls based on 1000sqft (Trailer stalls: 55x12, Dock door stalls: 65x12). City Park in place of landscaping. Total project site is 14.78 acres.

Construction Phase - Operational Analysis Only.

Off-road Equipment - Operational Analysis Only.

Trips and VMT - Operational Analysis Only.

Vehicle Trips - Trip rates from project trip generation (automobile analysis only), which identifies 321 daily passenger car trips. Trip length from employee data.

Area Mitigation - SJVAPCD Rule 4601 Architectural Coatings

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Operational Off-Road Equipment - Details provided by the client.

Fleet Mix - Auto trips only (no MHD, HHD, or buses).

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	150	65
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	150	65
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.52	0.56
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	7.0700e-004	0.00
tblFleetMix	SBUS	1.4960e-003	0.00
tblFleetMix	UBUS	2.8900e-004	0.00
tblLandUse	LandUseSquareFeet	245,560.00	245,564.00
tblLandUse	LotAcreage	5.64	4.69
tblLandUse	LotAcreage	2.56	2.46
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	32.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	38.20
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	14.70

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	38.20
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	1.31
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	1.31
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	1.31

2.0 Emissions Summary

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1021	0.7832	0.8964	2.4900e-003	0.1077	0.0310	0.1387	0.0292	0.0292	0.0584	0.0000	226.6532	226.6532	0.0222	0.0139	231.3569
2023	0.2985	2.2924	2.8304	8.0000e-003	0.3537	0.0854	0.4391	0.0960	0.0804	0.1764	0.0000	729.5429	729.5429	0.0712	0.0437	744.3509
Maximum	**0.2985**	**2.2924**	**2.8304**	**8.0000e-003**	**0.3537**	**0.0854**	**0.4391**	**0.0960**	**0.0804**	**0.1764**	**0.0000**	**729.5429**	**729.5429**	**0.0712**	**0.0437**	**744.3509**

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	0.1021	0.7832	0.8964	2.4900e-003	0.1077	0.0310	0.1387	0.0292	0.0292	0.0584	0.0000	226.6531	226.6531	0.0222	0.0139	231.3568
2023	0.2985	2.2924	2.8304	8.0000e-003	0.3537	0.0854	0.4391	0.0960	0.0804	0.1764	0.0000	729.5426	729.5426	0.0712	0.0437	744.3506
Maximum	**0.2985**	**2.2924**	**2.8304**	**8.0000e-003**	**0.3537**	**0.0854**	**0.4391**	**0.0960**	**0.0804**	**0.1764**	**0.0000**	**729.5426**	**729.5426**	**0.0712**	**0.0437**	**744.3506**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-26-2022**	**12-25-2022**	0.8283	0.8283
2	**12-26-2022**	**3-25-2023**	0.7363	0.7363
3	**3-26-2023**	**6-25-2023**	0.7374	0.7374
4	**6-26-2023**	**9-25-2023**	0.7367	0.7367
5	**9-26-2023**	**9-30-2023**	0.0400	0.0400
		Highest	0.8283	0.8283

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.3879	0.5724	5.4886	0.0138	1.5469	8.8700e-003	1.5558	0.4117	8.2700e-003	0.4200	0.0000	1,289.5824	1,289.5824	0.0496	0.0388	1,302.3739
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.5724**	**0.7880**	**5.6752**	**0.0151**	**1.5469**	**0.0253**	**1.5722**	**0.4117**	**0.0247**	**0.4364**	**64.9125**	**1,770.0430**	**1,834.9555**	**4.7158**	**0.0916**	**1,980.1399**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.0640	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.3879	0.5724	5.4886	0.0138	1.5469	8.8700e-003	1.5558	0.4117	8.2700e-003	0.4200	0.0000	1,289.5824	1,289.5824	0.0496	0.0388	1,302.3739
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.4756**	**0.7880**	**5.6752**	**0.0151**	**1.5469**	**0.0253**	**1.5722**	**0.4117**	**0.0247**	**0.4364**	**64.9125**	**1,770.0430**	**1,834.9555**	**4.7158**	**0.0916**	**1,980.1399**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**6.15**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Operational Analysis Only	Building Construction	9/26/2022	11/17/2023	5	300	

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.76

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
Operational Analysis Only	Cranes	1	7.00	231	0.29
Operational Analysis Only	Forklifts	3	8.00	89	0.20
Operational Analysis Only	Generator Sets	1	8.00	84	0.74
Operational Analysis Only	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Operational Analysis Only	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Operational Analysis Only	9	291.00	113.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.0597	0.5466	0.5727	9.4000e-004		0.0283	0.0283		0.0266	0.0266	0.0000	81.1038	81.1038	0.0194	0.0000	81.5896
Total	**0.0597**	**0.5466**	**0.5727**	**9.4000e-004**		**0.0283**	**0.0283**		**0.0266**	**0.0266**	**0.0000**	**81.1038**	**81.1038**	**0.0194**	**0.0000**	**81.5896**

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	8.1500e-003	0.2133	0.0604	8.2000e-004	0.0262	2.3000e-003	0.0285	7.5800e-003	2.2000e-003	9.7700e-003	0.0000	78.9770	78.9770	6.0000e-004	0.0119	82.5382
Worker	0.0343	0.0234	0.2633	7.2000e-004	0.0814	4.2000e-004	0.0818	0.0216	3.8000e-004	0.0220	0.0000	66.5724	66.5724	2.1700e-003	2.0200e-003	67.2291
Total	**0.0424**	**0.2366**	**0.3237**	**1.5400e-003**	**0.1077**	**2.7200e-003**	**0.1104**	**0.0292**	**2.5800e-003**	**0.0318**	**0.0000**	**145.5494**	**145.5494**	**2.7700e-003**	**0.0139**	**149.7673**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.0597	0.5466	0.5727	9.4000e-004		0.0283	0.0283		0.0266	0.0266	0.0000	81.1037	81.1037	0.0194	0.0000	81.5895
Total	**0.0597**	**0.5466**	**0.5727**	**9.4000e-004**		**0.0283**	**0.0283**		**0.0266**	**0.0266**	**0.0000**	**81.1037**	**81.1037**	**0.0194**	**0.0000**	**81.5895**

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	8.1500e-003	0.2133	0.0604	8.2000e-004	0.0262	2.3000e-003	0.0285	7.5800e-003	2.2000e-003	9.7700e-003	0.0000	78.9770	78.9770	6.0000e-004	0.0119	82.5382
Worker	0.0343	0.0234	0.2633	7.2000e-004	0.0814	4.2000e-004	0.0818	0.0216	3.8000e-004	0.0220	0.0000	66.5724	66.5724	2.1700e-003	2.0200e-003	67.2291
Total	**0.0424**	**0.2366**	**0.3237**	**1.5400e-003**	**0.1077**	**2.7200e-003**	**0.1104**	**0.0292**	**2.5800e-003**	**0.0318**	**0.0000**	**145.5494**	**145.5494**	**2.7700e-003**	**0.0139**	**149.7673**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.1809	1.6543	1.8681	3.1000e-003		0.0805	0.0805		0.0757	0.0757	0.0000	266.5755	266.5755	0.0634	0.0000	268.1608
Total	**0.1809**	**1.6543**	**1.8681**	**3.1000e-003**		**0.0805**	**0.0805**		**0.0757**	**0.0757**	**0.0000**	**266.5755**	**266.5755**	**0.0634**	**0.0000**	**268.1608**

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	0.0140	0.5710	0.1711	2.6000e-003	0.0862	3.6600e-003	0.0898	0.0249	3.5000e-003	0.0284	0.0000	249.9276	249.9276	1.3500e-003	0.0376	261.1719
Worker	0.1036	0.0671	0.7913	2.2900e-003	0.2675	1.3000e-003	0.2688	0.0711	1.1900e-003	0.0723	0.0000	213.0399	213.0399	6.4000e-003	6.1000e-003	215.0182
Total	**0.1176**	**0.6382**	**0.9624**	**4.8900e-003**	**0.3537**	**4.9600e-003**	**0.3587**	**0.0960**	**4.6900e-003**	**0.1007**	**0.0000**	**462.9675**	**462.9675**	**7.7500e-003**	**0.0437**	**476.1901**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.1809	1.6543	1.8681	3.1000e-003		0.0805	0.0805		0.0757	0.0757	0.0000	266.5751	266.5751	0.0634	0.0000	268.1605
Total	**0.1809**	**1.6543**	**1.8681**	**3.1000e-003**		**0.0805**	**0.0805**		**0.0757**	**0.0757**	**0.0000**	**266.5751**	**266.5751**	**0.0634**	**0.0000**	**268.1605**

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	0.0140	0.5710	0.1711	2.6000e-003	0.0862	3.6600e-003	0.0898	0.0249	3.5000e-003	0.0284	0.0000	249.9276	249.9276	1.3500e-003	0.0376	261.1719
Worker	0.1036	0.0671	0.7913	2.2900e-003	0.2675	1.3000e-003	0.2688	0.0711	1.1900e-003	0.0723	0.0000	213.0399	213.0399	6.4000e-003	6.1000e-003	215.0182
Total	**0.1176**	**0.6382**	**0.9624**	**4.8900e-003**	**0.3537**	**4.9600e-003**	**0.3587**	**0.0960**	**4.6900e-003**	**0.1007**	**0.0000**	**462.9675**	**462.9675**	**7.7500e-003**	**0.0437**	**476.1901**

4.0 Operational Detail - Mobile

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.3879	0.5724	5.4886	0.0138	1.5469	8.8700e-003	1.5558	0.4117	8.2700e-003	0.4200	0.0000	1,289.5824	1,289.5824	0.0496	0.0388	1,302.3739
Unmitigated	0.3879	0.5724	5.4886	0.0138	1.5469	8.8700e-003	1.5558	0.4117	8.2700e-003	0.4200	0.0000	1,289.5824	1,289.5824	0.0496	0.0388	1,302.3739

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	321.68	321.68	321.68	4,171,374	4,171,374
Total	321.68	321.68	321.68	4,171,374	4,171,374

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	38.20	6.60	38.20	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
City Park	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Other Asphalt Surfaces	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Parking Lot	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Unrefrigerated Warehouse-No Rail	0.555025	0.053153	0.175761	0.156529	0.025865	0.006829	0.000000	0.000000	0.000000	0.000000	0.023863	0.000000	0.002975

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
NaturalGas Mitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
NaturalGas Unmitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.0640	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Unmitigated	1.1607	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113

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	0.1779					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Total	**1.1607**	**5.0000e-005**	**5.4600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**3.0000e-005**	**0.0000**	**0.0113**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0812					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0106	0.0106	3.0000e-005	0.0000	0.0113
Total	**1.0640**	**5.0000e-005**	**5.4600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0106**	**0.0106**	**3.0000e-005**	**0.0000**	**0.0113**

7.0 Water Detail

7.1 Mitigation Measures Water

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	47.3441	1.8551	0.0443	106.9132
Unmitigated	47.3441	1.8551	0.0443	106.9132

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.8970	2.7715	0.0000	116.1853
Unmitigated	46.8970	2.7715	0.0000	116.1853

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	32	8.00	260	89	0.20	Electrical

Reyes Fresno Warehouse - Operational Analysis (Automobiles) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Reyes Fresno Warehouse - Operational Analysis (Trucks)

Fresno County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	245.56	1000sqft	4.69	245,564.00	0
User Defined Industrial	1.00	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	3.96	Acre	3.96	172,497.60	0
Parking Lot	285.00	Space	2.46	114,000.00	0
Parking Lot	58.26	1000sqft	1.34	58,260.00	0
City Park	2.33	Acre	2.33	101,494.80	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	45
Climate Zone	3			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - User Defined Industrial to analyze Heavy Heavy Duty Trucks.

Construction Phase - Operational Analysis Only

Off-road Equipment - Operational Analysis Only

Trips and VMT - Operational Analysis Only

Vehicle Trips - Trip rates from Project Trip Gen, distances for Unrefrigerated Warehouse measure distance between project site and San Leandro (C-NW) and daily routes (C-W), and distances for User Defined Industural measure distance between project site and Sacramento (where a majority of 3rd party trips come from).

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Vehicles from San Leandro are standard semi trucks (43') and 3rd party vehicles (User Defined Industrail) are unknown so assumed 50% MHD and 50% HHD.

Table Name	Column Name	Default Value	New Value
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.50
tblFleetMix	LDA	0.52	0.00
tblFleetMix	LDA	0.52	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT1	0.05	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.8290e-003	0.00
tblFleetMix	LHD2	6.8290e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MH	2.9750e-003	0.00
tblFleetMix	MH	2.9750e-003	0.00
tblFleetMix	MHD	0.01	1.00
tblFleetMix	MHD	0.01	0.50
tblFleetMix	OBUS	7.0700e-004	0.00
tblFleetMix	OBUS	7.0700e-004	0.00
tblFleetMix	SBUS	1.4960e-003	0.00
tblFleetMix	SBUS	1.4960e-003	0.00
tblFleetMix	UBUS	2.8900e-004	0.00
tblFleetMix	UBUS	2.8900e-004	0.00

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblLandUse	LandUseSquareFeet	245,560.00	245,564.00
tblLandUse	LotAcreage	5.64	4.69
tblLandUse	LotAcreage	2.56	2.46
tblOperationalOffRoadEquipment	OperFuelType	Diesel	Electrical
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	32.00
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CC_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	6.60
tblVehicleTrips	CNW_TL	7.30	130.00
tblVehicleTrips	CNW_TL	7.30	145.00
tblVehicleTrips	CNW_TTP	41.00	28.00
tblVehicleTrips	CNW_TTP	0.00	41.00
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	14.70
tblVehicleTrips	CW_TL	9.50	41.50
tblVehicleTrips	CW_TL	9.50	145.00
tblVehicleTrips	CW_TTP	59.00	72.00
tblVehicleTrips	CW_TTP	0.00	59.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.96	0.00
tblVehicleTrips	ST_TR	1.74	0.57
tblVehicleTrips	ST_TR	0.00	20.00
tblVehicleTrips	SU_TR	2.19	0.00
tblVehicleTrips	SU_TR	1.74	0.57
tblVehicleTrips	SU_TR	0.00	20.00
tblVehicleTrips	WD_TR	0.78	0.00
tblVehicleTrips	WD_TR	1.74	0.57
tblVehicleTrips	WD_TR	0.00	20.00

2.0 Emissions Summary

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1021	0.7832	0.8964	2.4900e-003	0.1077	0.0310	0.1387	0.0292	0.0292	0.0584	0.0000	226.6532	226.6532	0.0222	0.0139	231.3569
2023	0.2985	2.2924	2.8304	8.0000e-003	0.3537	0.0854	0.4391	0.0960	0.0804	0.1764	0.0000	729.5429	729.5429	0.0712	0.0437	744.3509
Maximum	**0.2985**	**2.2924**	**2.8304**	**8.0000e-003**	**0.3537**	**0.0854**	**0.4391**	**0.0960**	**0.0804**	**0.1764**	**0.0000**	**729.5429**	**729.5429**	**0.0712**	**0.0437**	**744.3509**

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	0.1021	0.7832	0.8964	2.4900e-003	0.1077	0.0310	0.1387	0.0292	0.0292	0.0584	0.0000	226.6531	226.6531	0.0222	0.0139	231.3568
2023	0.2985	2.2924	2.8304	8.0000e-003	0.3537	0.0854	0.4391	0.0960	0.0804	0.1764	0.0000	729.5426	729.5426	0.0712	0.0437	744.3506
Maximum	**0.2985**	**2.2924**	**2.8304**	**8.0000e-003**	**0.3537**	**0.0854**	**0.4391**	**0.0960**	**0.0804**	**0.1764**	**0.0000**	**729.5426**	**729.5426**	**0.0712**	**0.0437**	**744.3506**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**9-26-2022**	**12-25-2022**	0.8283	0.8283
2	**12-26-2022**	**3-25-2023**	0.7363	0.7363
3	**3-26-2023**	**6-25-2023**	0.7374	0.7374
4	**6-26-2023**	**9-25-2023**	0.7367	0.7367
5	**9-26-2023**	**9-30-2023**	0.0400	0.0400
		Highest	0.8283	0.8283

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1607	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.0847	8.2272	1.1070	0.0506	2.0891	0.0485	2.1375	0.6224	0.0464	0.6687	0.0000	4,833.3182	4,833.3182	9.8000e-003	0.6915	5,039.6210
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.2691**	**8.4428**	**1.2936**	**0.0518**	**2.0891**	**0.0649**	**2.1539**	**0.6224**	**0.0628**	**0.6851**	**64.9125**	**5,313.7789**	**5,378.6914**	**4.6760**	**0.7443**	**5,717.3870**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.1607	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114
Energy	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	451.1214	451.1214	0.0395	8.5500e-003	454.6562
Mobile	0.0847	8.2272	1.1070	0.0506	2.0891	0.0485	2.1375	0.6224	0.0464	0.6687	0.0000	4,833.3182	4,833.3182	9.8000e-003	0.6915	5,039.6210
Offroad	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	46.8970	0.0000	46.8970	2.7715	0.0000	116.1853
Water						0.0000	0.0000		0.0000	0.0000	18.0155	29.3286	47.3441	1.8551	0.0443	106.9132
Total	**1.2691**	**8.4428**	**1.2936**	**0.0518**	**2.0891**	**0.0649**	**2.1539**	**0.6224**	**0.0628**	**0.6851**	**64.9125**	**5,313.7789**	**5,378.6914**	**4.6760**	**0.7443**	**5,717.3870**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Operational Analysis Only	Building Construction	9/26/2022	11/17/2023	5	300	

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 7.76

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
Operational Analysis Only	Cranes	1	7.00	231	0.29
Operational Analysis Only	Forklifts	3	8.00	89	0.20
Operational Analysis Only	Generator Sets	1	8.00	84	0.74
Operational Analysis Only	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Operational Analysis Only	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Operational Analysis Only	9	291.00	113.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.0597	0.5466	0.5727	9.4000e-004		0.0283	0.0283		0.0266	0.0266	0.0000	81.1038	81.1038	0.0194	0.0000	81.5896
Total	**0.0597**	**0.5466**	**0.5727**	**9.4000e-004**		**0.0283**	**0.0283**		**0.0266**	**0.0266**	**0.0000**	**81.1038**	**81.1038**	**0.0194**	**0.0000**	**81.5896**

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	8.1500e-003	0.2133	0.0604	8.2000e-004	0.0262	2.3000e-003	0.0285	7.5800e-003	2.2000e-003	9.7700e-003	0.0000	78.9770	78.9770	6.0000e-004	0.0119	82.5382
Worker	0.0343	0.0234	0.2633	7.2000e-004	0.0814	4.2000e-004	0.0818	0.0216	3.8000e-004	0.0220	0.0000	66.5724	66.5724	2.1700e-003	2.0200e-003	67.2291
Total	**0.0424**	**0.2366**	**0.3237**	**1.5400e-003**	**0.1077**	**2.7200e-003**	**0.1104**	**0.0292**	**2.5800e-003**	**0.0318**	**0.0000**	**145.5494**	**145.5494**	**2.7700e-003**	**0.0139**	**149.7673**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.0597	0.5466	0.5727	9.4000e-004		0.0283	0.0283		0.0266	0.0266	0.0000	81.1037	81.1037	0.0194	0.0000	81.5895
Total	**0.0597**	**0.5466**	**0.5727**	**9.4000e-004**		**0.0283**	**0.0283**		**0.0266**	**0.0266**	**0.0000**	**81.1037**	**81.1037**	**0.0194**	**0.0000**	**81.5895**

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	8.1500e-003	0.2133	0.0604	8.2000e-004	0.0262	2.3000e-003	0.0285	7.5800e-003	2.2000e-003	9.7700e-003	0.0000	78.9770	78.9770	6.0000e-004	0.0119	82.5382
Worker	0.0343	0.0234	0.2633	7.2000e-004	0.0814	4.2000e-004	0.0818	0.0216	3.8000e-004	0.0220	0.0000	66.5724	66.5724	2.1700e-003	2.0200e-003	67.2291
Total	**0.0424**	**0.2366**	**0.3237**	**1.5400e-003**	**0.1077**	**2.7200e-003**	**0.1104**	**0.0292**	**2.5800e-003**	**0.0318**	**0.0000**	**145.5494**	**145.5494**	**2.7700e-003**	**0.0139**	**149.7673**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.1809	1.6543	1.8681	3.1000e-003		0.0805	0.0805		0.0757	0.0757	0.0000	266.5755	266.5755	0.0634	0.0000	268.1608
Total	**0.1809**	**1.6543**	**1.8681**	**3.1000e-003**		**0.0805**	**0.0805**		**0.0757**	**0.0757**	**0.0000**	**266.5755**	**266.5755**	**0.0634**	**0.0000**	**268.1608**

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	0.0140	0.5710	0.1711	2.6000e-003	0.0862	3.6600e-003	0.0898	0.0249	3.5000e-003	0.0284	0.0000	249.9276	249.9276	1.3500e-003	0.0376	261.1719
Worker	0.1036	0.0671	0.7913	2.2900e-003	0.2675	1.3000e-003	0.2688	0.0711	1.1900e-003	0.0723	0.0000	213.0399	213.0399	6.4000e-003	6.1000e-003	215.0182
Total	**0.1176**	**0.6382**	**0.9624**	**4.8900e-003**	**0.3537**	**4.9600e-003**	**0.3587**	**0.0960**	**4.6900e-003**	**0.1007**	**0.0000**	**462.9675**	**462.9675**	**7.7500e-003**	**0.0437**	**476.1901**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Operational Analysis Only - 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	0.1809	1.6543	1.8681	3.1000e-003		0.0805	0.0805		0.0757	0.0757	0.0000	266.5751	266.5751	0.0634	0.0000	268.1605
Total	**0.1809**	**1.6543**	**1.8681**	**3.1000e-003**		**0.0805**	**0.0805**		**0.0757**	**0.0757**	**0.0000**	**266.5751**	**266.5751**	**0.0634**	**0.0000**	**268.1605**

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	0.0140	0.5710	0.1711	2.6000e-003	0.0862	3.6600e-003	0.0898	0.0249	3.5000e-003	0.0284	0.0000	249.9276	249.9276	1.3500e-003	0.0376	261.1719
Worker	0.1036	0.0671	0.7913	2.2900e-003	0.2675	1.3000e-003	0.2688	0.0711	1.1900e-003	0.0723	0.0000	213.0399	213.0399	6.4000e-003	6.1000e-003	215.0182
Total	**0.1176**	**0.6382**	**0.9624**	**4.8900e-003**	**0.3537**	**4.9600e-003**	**0.3587**	**0.0960**	**4.6900e-003**	**0.1007**	**0.0000**	**462.9675**	**462.9675**	**7.7500e-003**	**0.0437**	**476.1901**

4.0 Operational Detail - Mobile

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.0847	8.2272	1.1070	0.0506	2.0891	0.0485	2.1375	0.6224	0.0464	0.6687	0.0000	4,833.3182	4,833.3182	9.8000e-003	0.6915	5,039.6210
Unmitigated	0.0847	8.2272	1.1070	0.0506	2.0891	0.0485	2.1375	0.6224	0.0464	0.6687	0.0000	4,833.3182	4,833.3182	9.8000e-003	0.6915	5,039.6210

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	139.97	139.97	139.97	3,376,886	3,376,886
User Defined Industrial	20.00	20.00	20.00	1,055,600	1,055,600
Total	159.97	159.97	159.97	4,432,486	4,432,486

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	14.70	6.60	6.60	33.00	48.00	19.00	66	28	6

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	41.50	6.60	130.00	72.00	0.00	28.00	100	0	0
User Defined Industrial	145.00	6.60	145.00	59.00	0.00	41.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Other Asphalt Surfaces	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Parking Lot	0.515888	0.053153	0.175761	0.156529	0.025865	0.006829	0.014141	0.022504	0.000707	0.000289	0.023863	0.001496	0.002975
Unrefrigerated Warehouse-No Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	216.4247	216.4247	0.0350	4.2400e-003	218.5647
NaturalGas Mitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
NaturalGas Unmitigated	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Unrefrigerated Warehouse-No Rail	4.39805e+006	0.0237	0.2156	0.1811	1.2900e-003		0.0164	0.0164		0.0164	0.0164	0.0000	234.6968	234.6968	4.5000e-003	4.3000e-003	236.0915
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0237**	**0.2156**	**0.1811**	**1.2900e-003**		**0.0164**	**0.0164**		**0.0164**	**0.0164**	**0.0000**	**234.6968**	**234.6968**	**4.5000e-003**	**4.3000e-003**	**236.0915**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	20391	1.8867	3.1000e-004	4.0000e-005	1.9053
Parking Lot	39900	3.6917	6.0000e-004	7.0000e-005	3.7282
Unrefrigerated Warehouse-No Rail	2.27883e+006	210.8463	0.0341	4.1300e-003	212.9312
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**216.4247**	**0.0350**	**4.2400e-003**	**218.5647**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.1607	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114
Unmitigated	1.1607	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114

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	0.1779					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114
Total	**1.1607**	**5.0000e-005**	**5.4700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0107**	**0.0107**	**3.0000e-005**	**0.0000**	**0.0114**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.1779					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9823					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-004	5.0000e-005	5.4700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.0107	0.0107	3.0000e-005	0.0000	0.0114
Total	**1.1607**	**5.0000e-005**	**5.4700e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.0107**	**0.0107**	**3.0000e-005**	**0.0000**	**0.0114**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	47.3441	1.8551	0.0443	106.9132
Unmitigated	47.3441	1.8551	0.0443	106.9132

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.77615	0.8990	1.5000e-004	2.0000e-005	0.9079
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	56.7858 / 0	46.4451	1.8550	0.0443	106.0053
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**47.3441**	**1.8551**	**0.0443**	**106.9132**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	46.8970	2.7715	0.0000	116.1853
Unmitigated	46.8970	2.7715	0.0000	116.1853

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	230.83	46.8564	2.7691	0.0000	116.0848
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**46.8970**	**2.7715**	**0.0000**	**116.1853**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Forklifts	32	8.00	260	89	0.20	Electrical

Reyes Fresno Warehouse - Operational Analysis (Trucks) - Fresno County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Forklifts	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

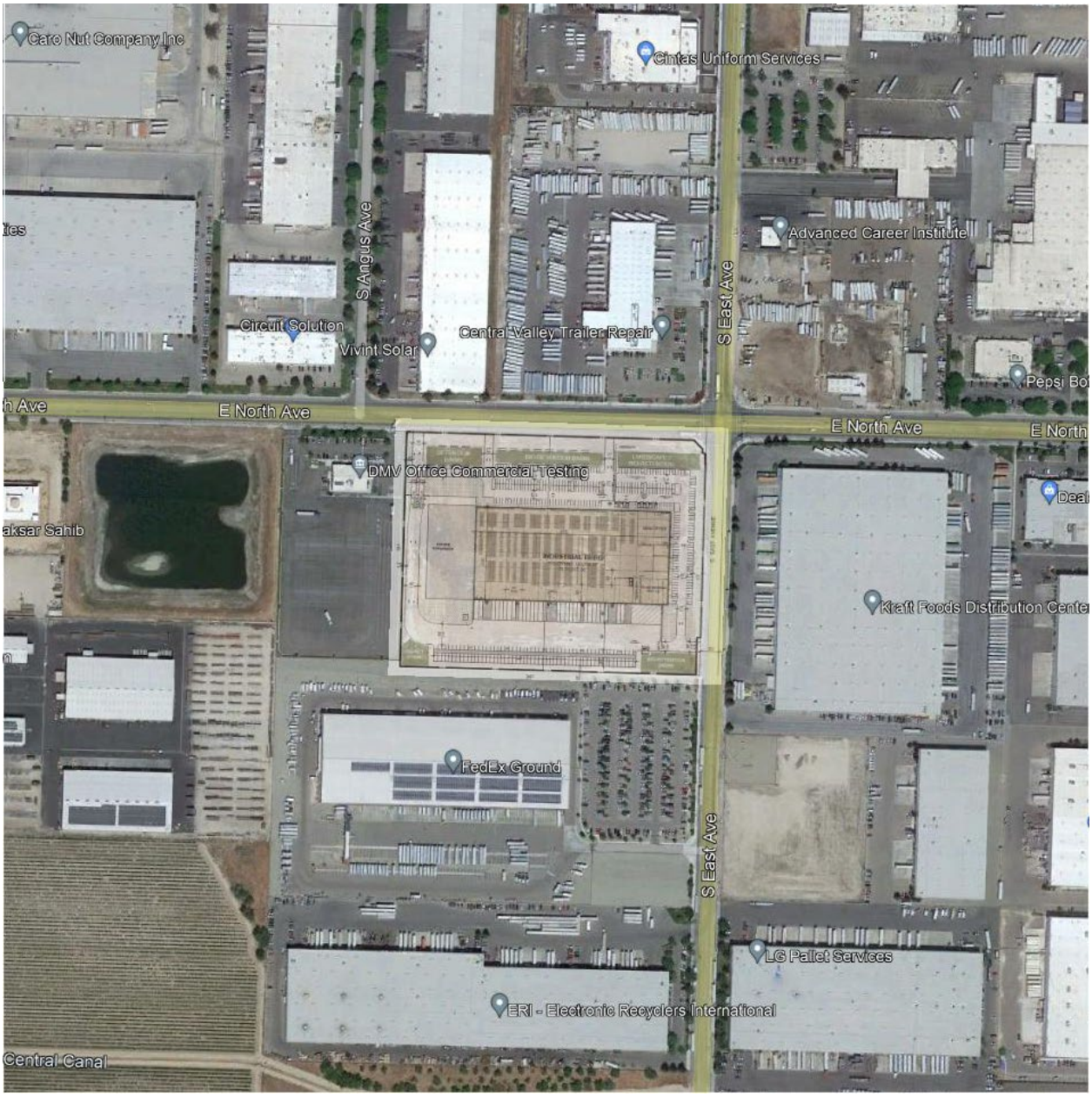
Equipment Type	Number

11.0 Vegetation

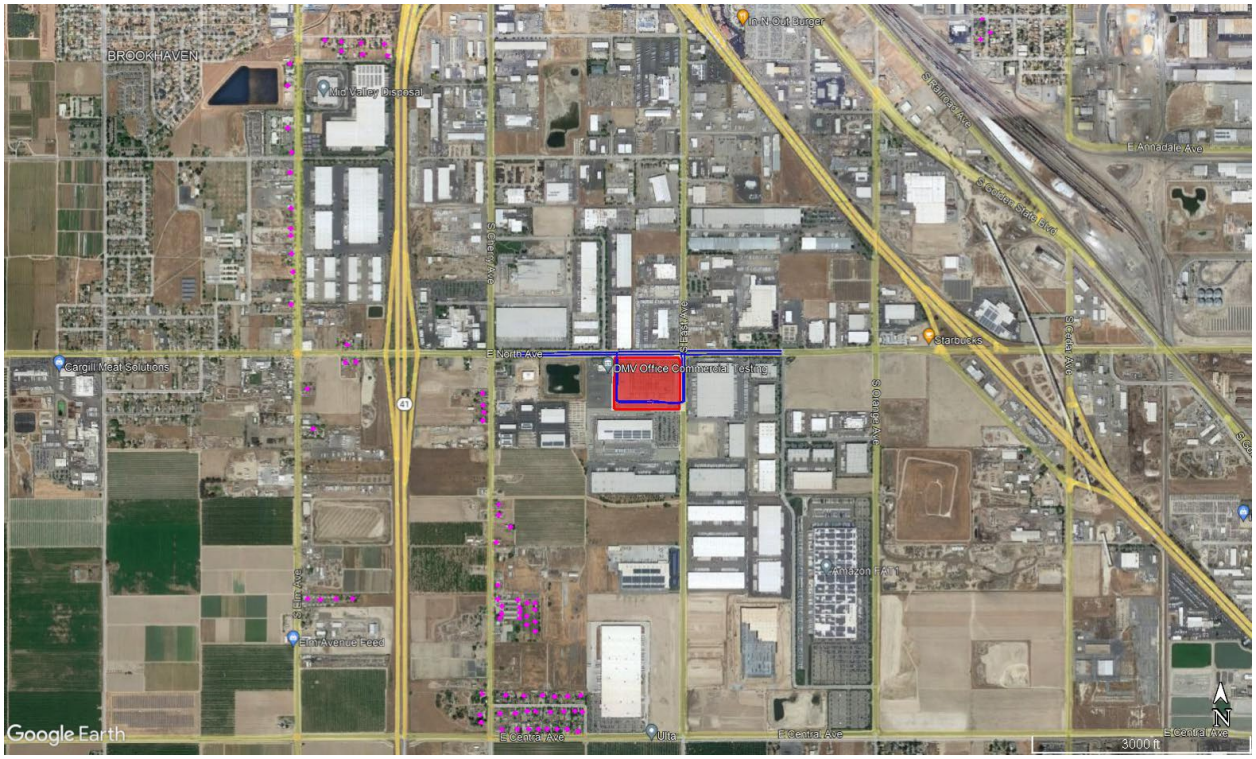
APPENDIX B

HRA MODEL OUTPUTS

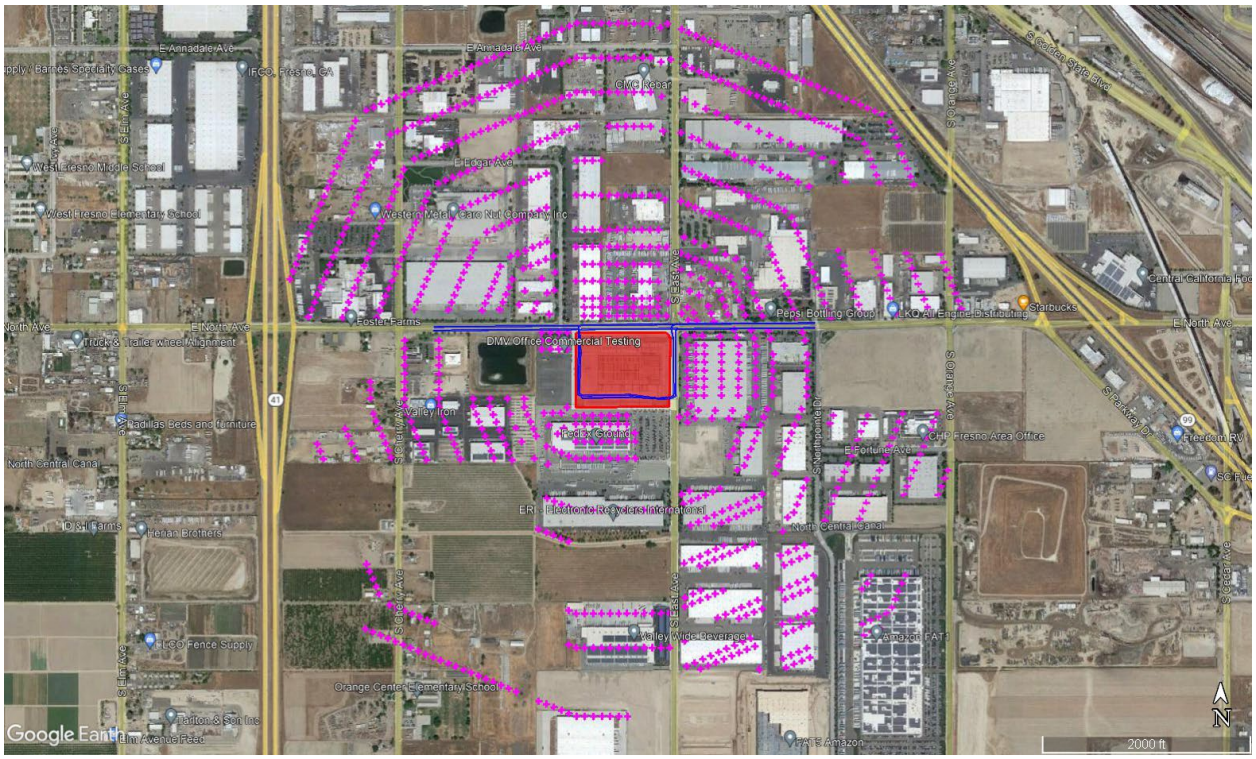
Site Plan


Caro Nut Company Inc
Cintas Uniform Services
S Angus Ave
Advanced Career Institute
S East Ave
Circuit Solution
Vivint Solar
Central Valley Trailer Repair
E North Ave
E North Ave
DMV Office Commercial Testing
Kraft Foods Distribution Center
FedEx Ground
S East Ave
LG Pallet Services
ERI - Electronic Recyclers International
Central Canal

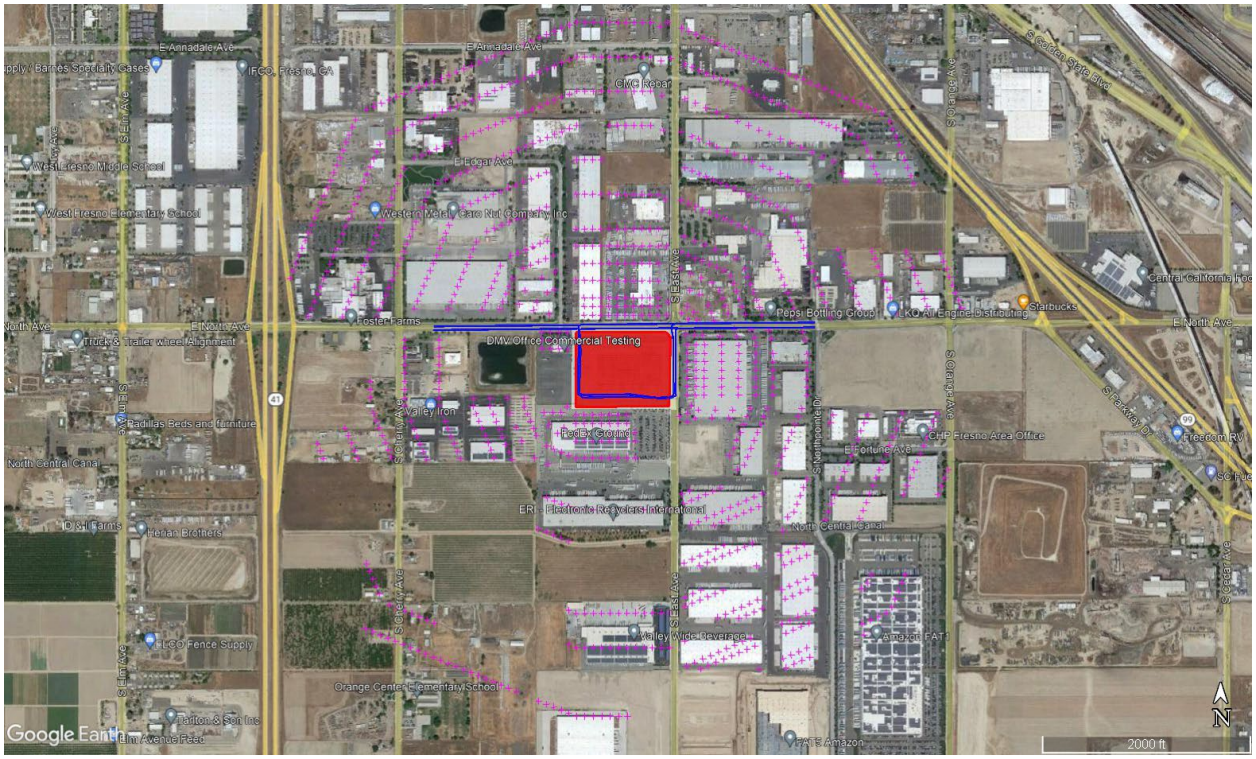
Sensitive Receptors



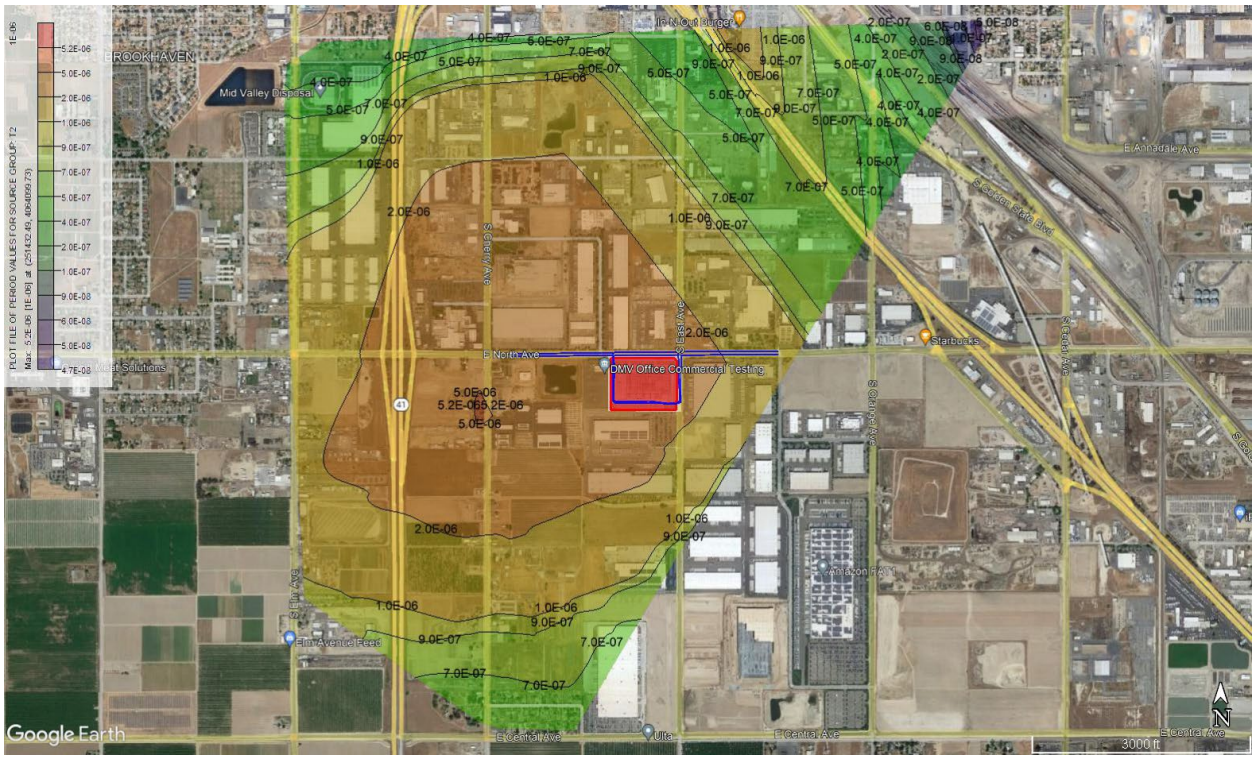
Worker Receptors



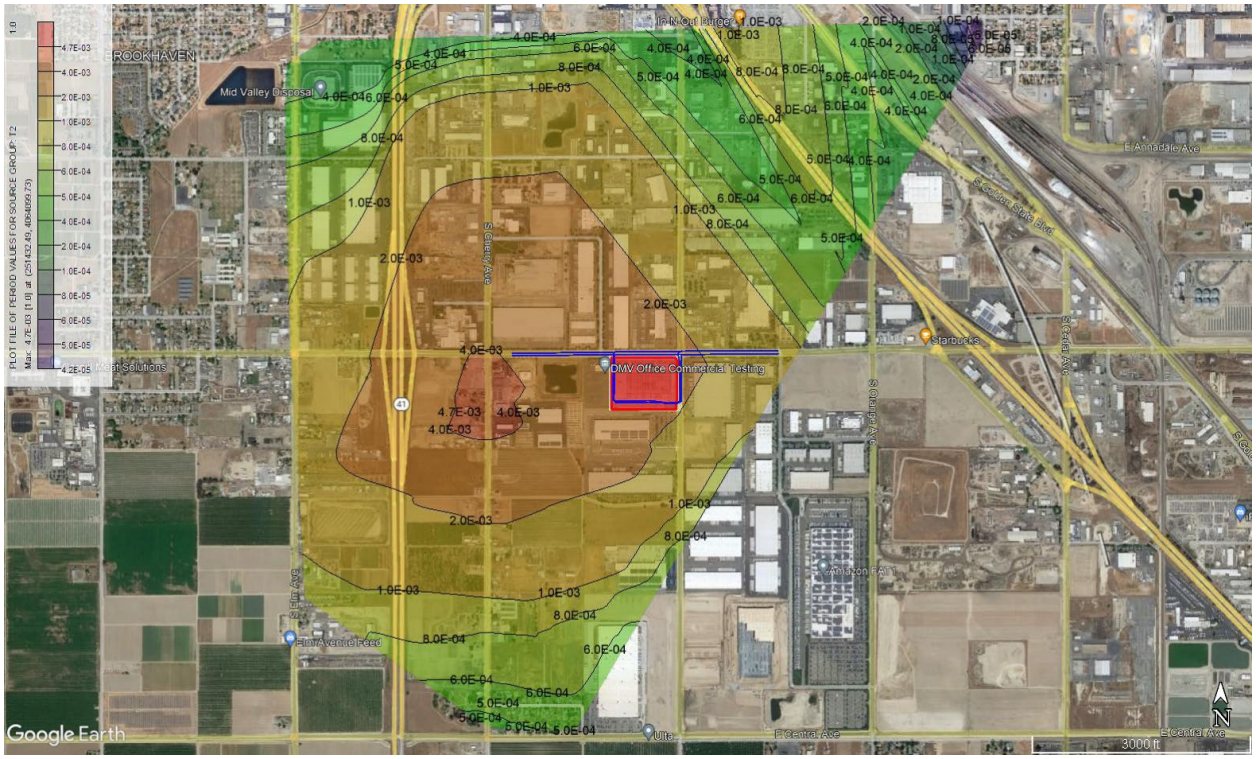
Project Sources



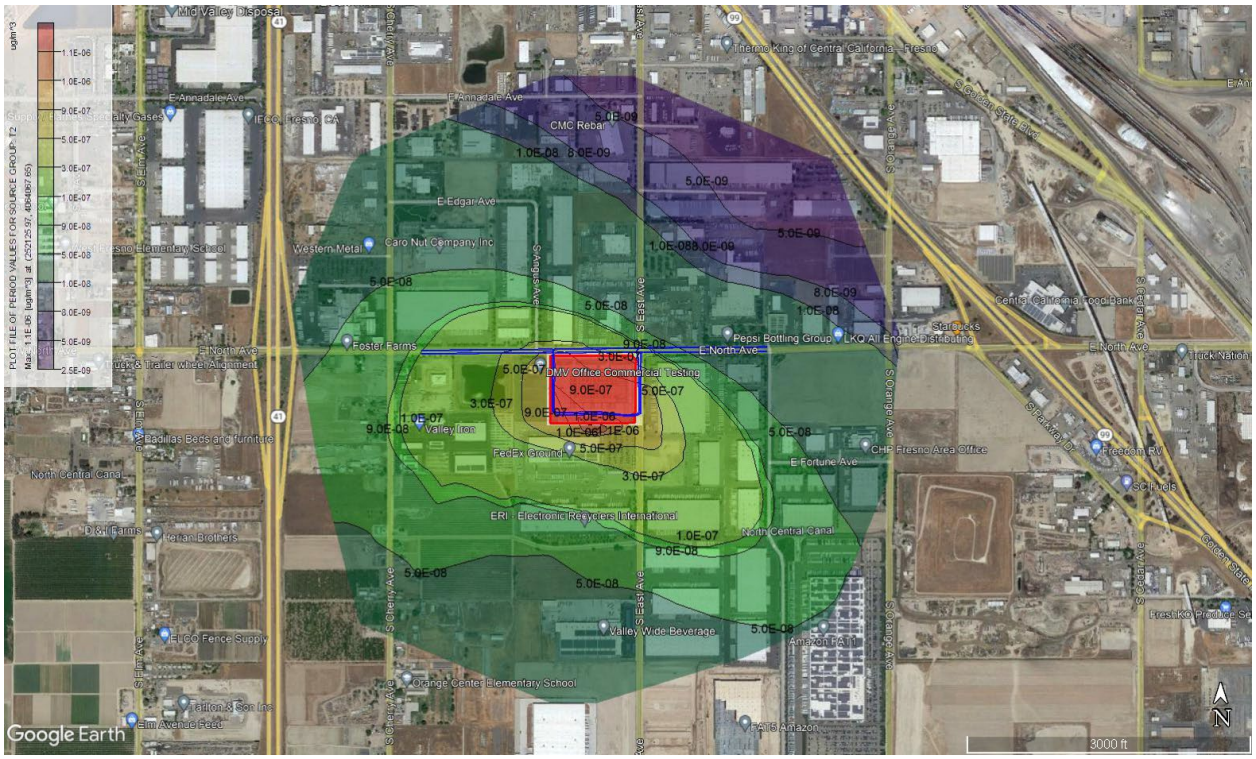
Project Construction – Cancer Risk to Closest Sensitive Receptor



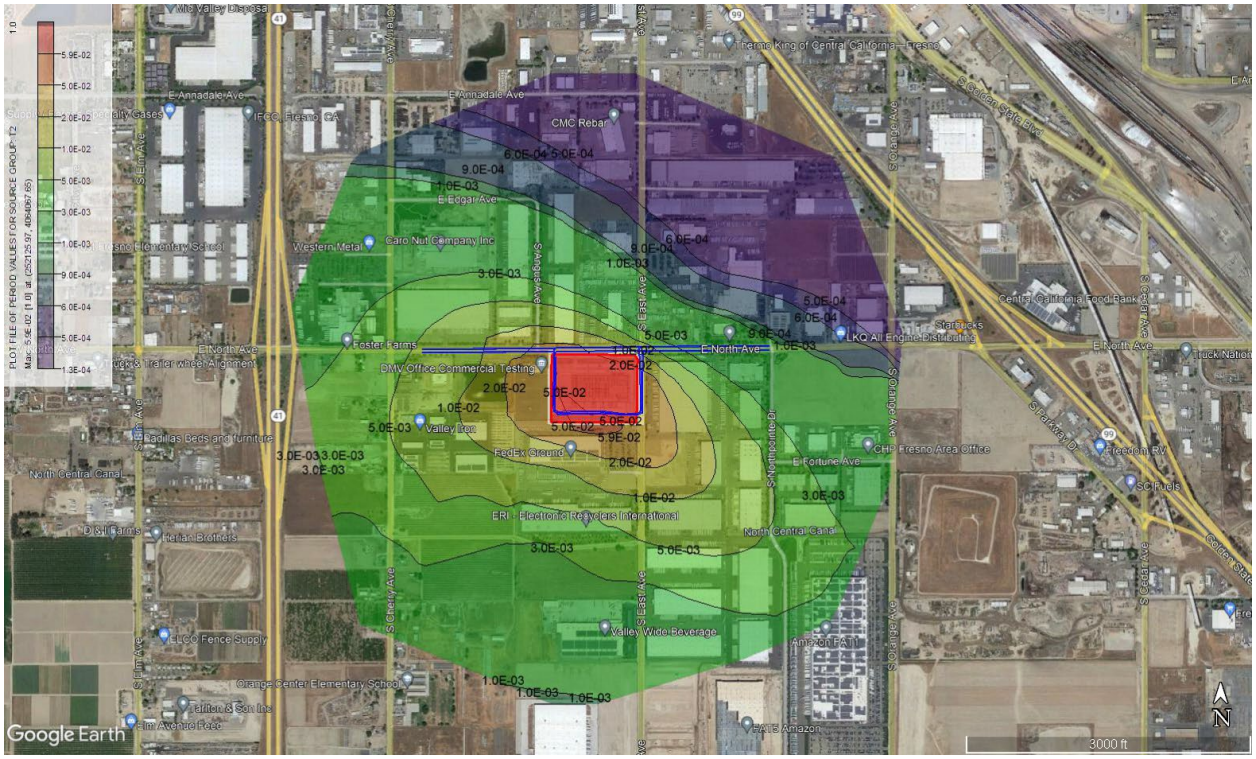
Project Construction – Chronic Hazard Index Risk to Closest Sensitive Receptor



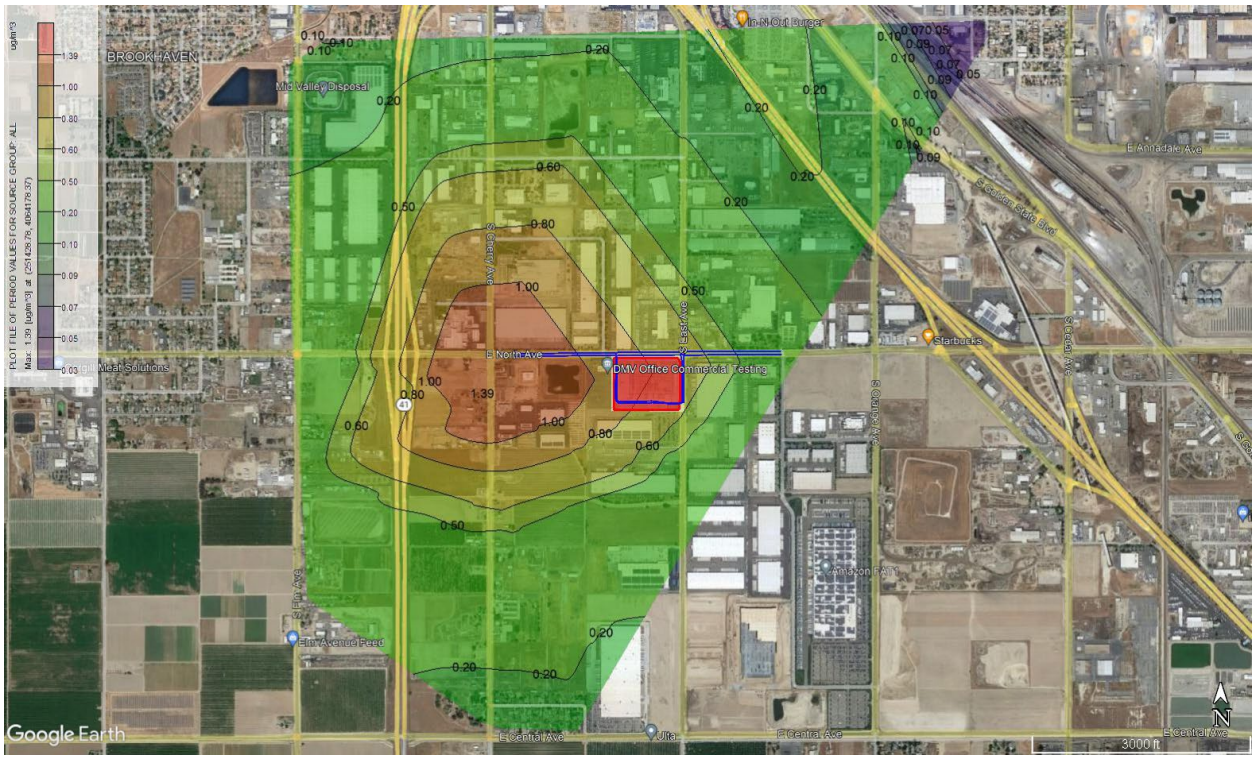
Project Construction – Cancer Risk to Closest Worker Receptor



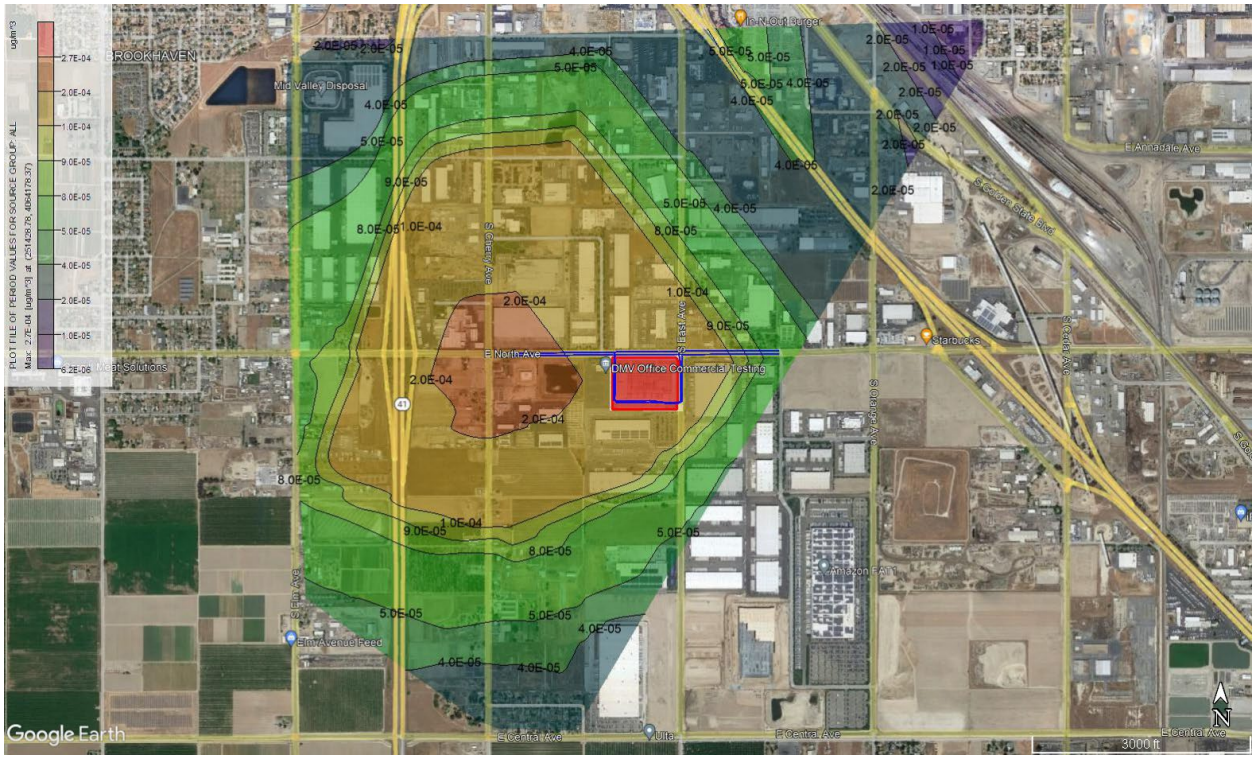
Project Construction – Chronic Hazard Index Risk to Closest Worker Receptor



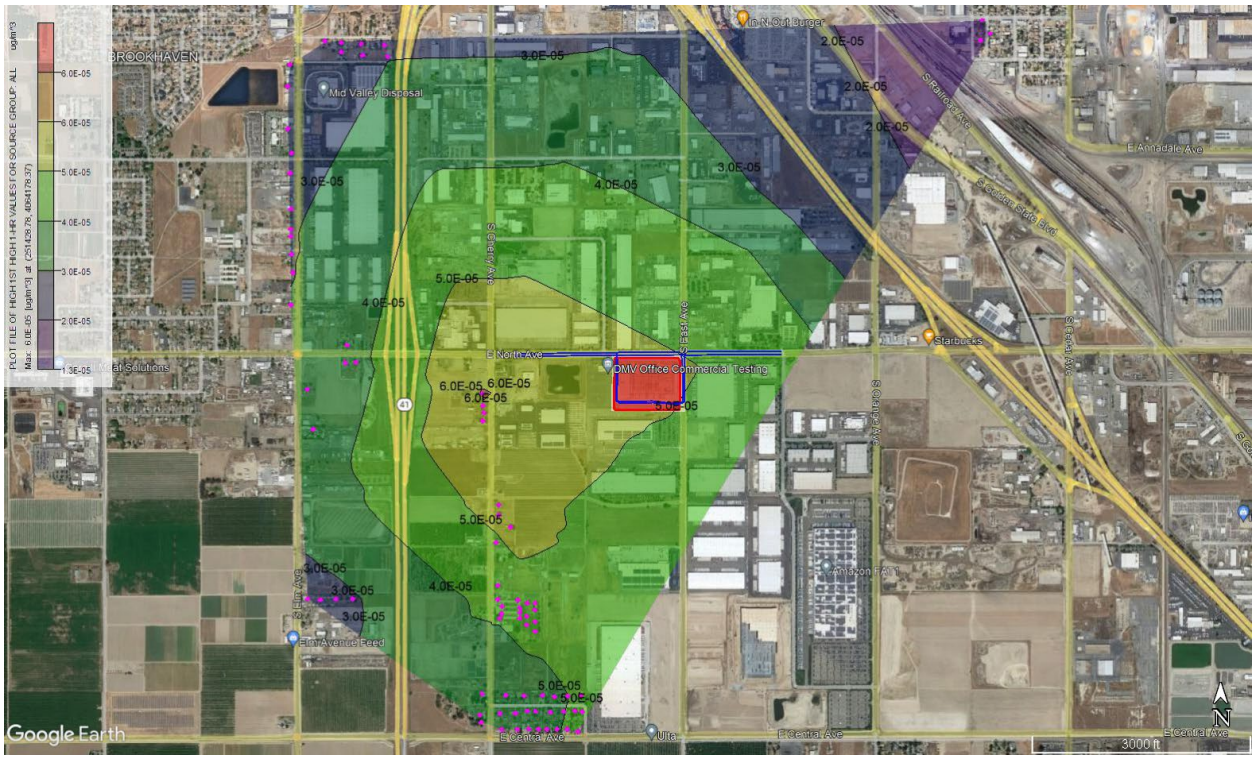
Project Operation – Cancer Risk to Closest Sensitive Receptor



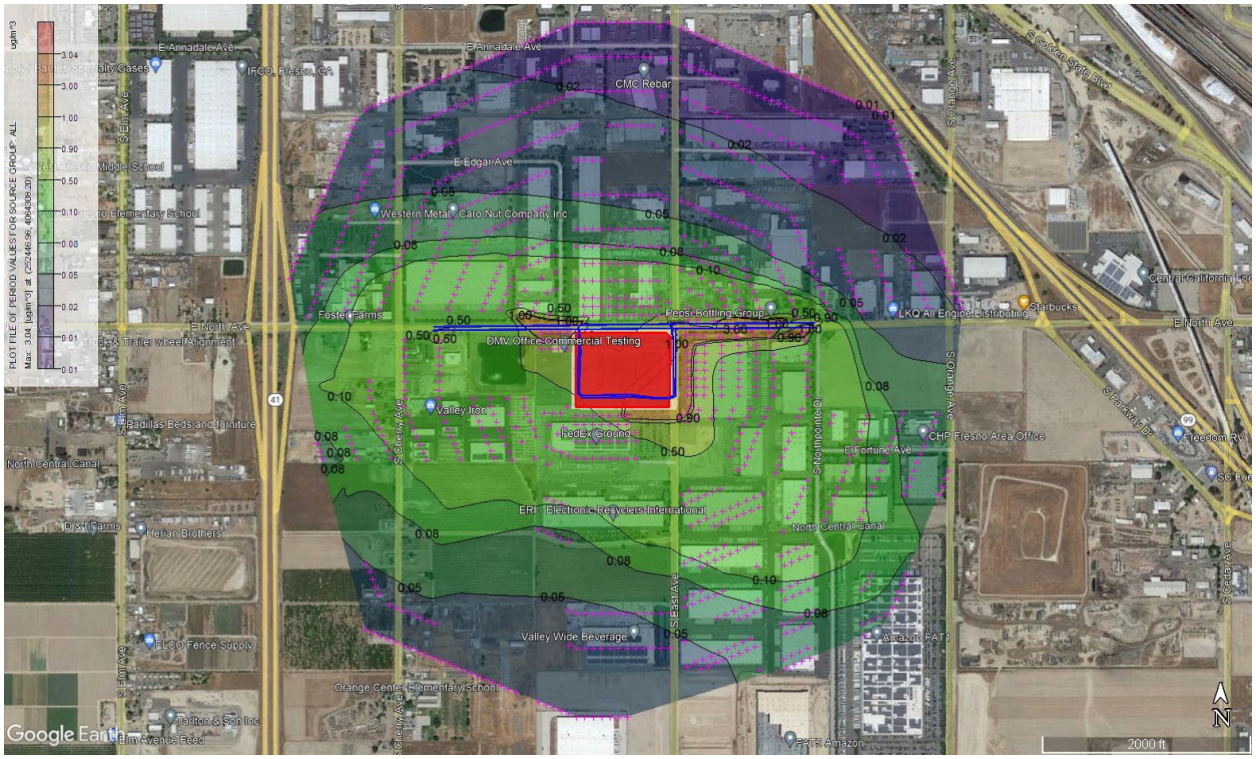
Project Operation – Chronic Hazard Index Risk to Closest Sensitive Receptor



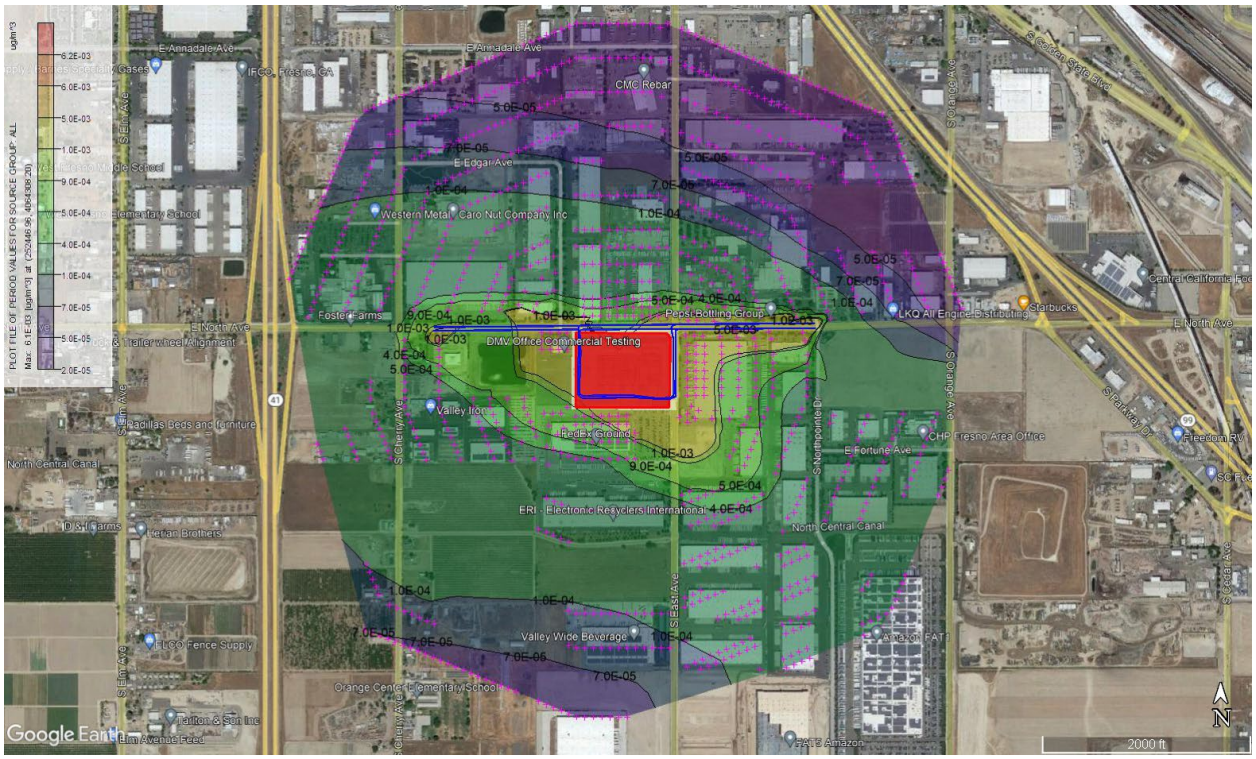
Project Operation – Acute Hazard Index Risk to Closest Sensitive Receptor



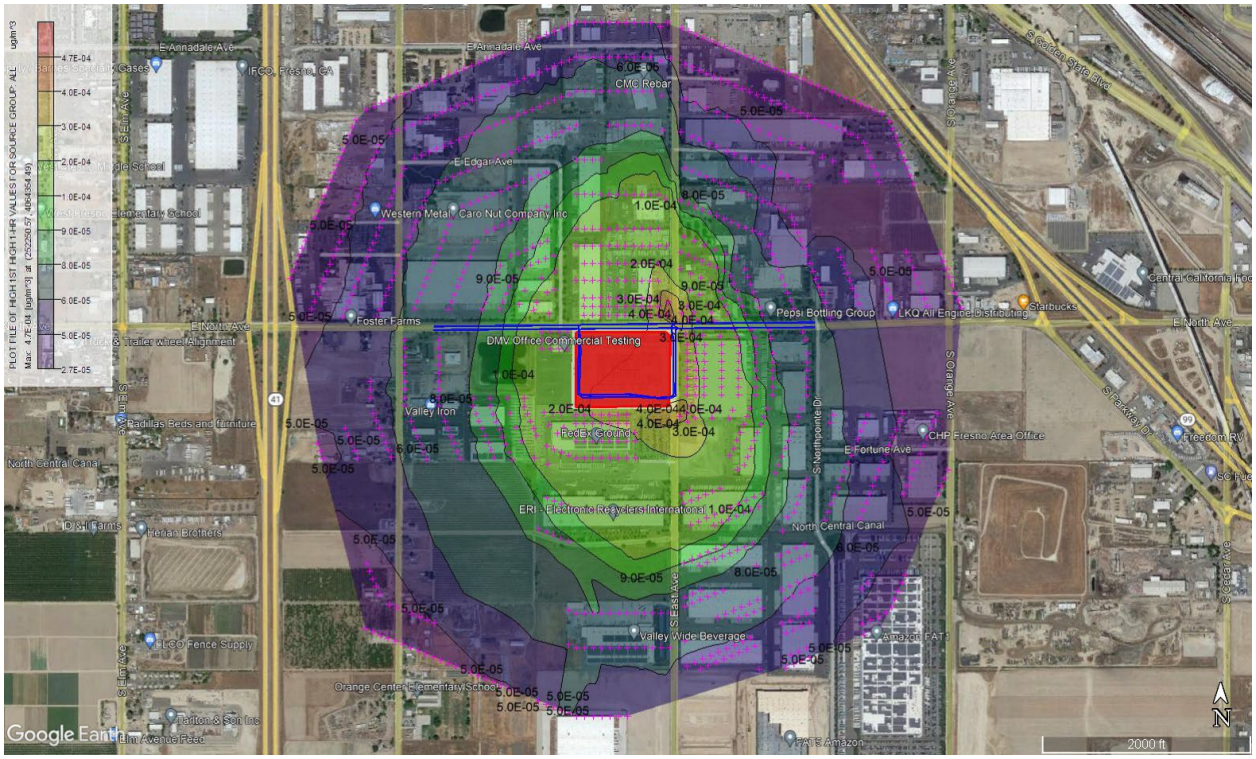
Project Operation – Cancer Risk to Closest Worker Receptor



Project Operation – Chronic Hazard Index Risk to Closest Worker Receptor



Project Operation – Acute Hazard Index Risk to Closest Worker Receptor



Construction Impacts			
	Cancer (In a Million)	Chronic HI	Acute HI
Worker	1.07	0.0589	0.00
Sensitive	5.21	0.0047	0.00
Operational Impacts			
	Cancer (In a Million)	Chronic HI	Acute HI
Worker	3.04	0.0061	0.00047
Sensitive	1.39	0.0003	0.00001

CalEEMod Contruction Exhaust PM10		
	Tons /Yr	Lbs/Yr
Year 1	0.0409	81.8
Year 2	0.131	262
Year 3	0.013	26
		369.8

Offsite Truck Travel			
Source	Travel (m)	Percent	Emissions (lbs/Yr)
EB_NOR	398.9	15.1%	1.23
WB_NOR	400.3	15.1%	1.23
EAST_S	228.7	8.7%	0.70
EAST_N	198.9	7.5%	0.61
NORTH_W	287.7	10.9%	0.88
NORTH_E	288.2	10.9%	0.89
WB	420	15.9%	1.29
EB	420	15.9%	1.29
Total (m)	2642.7	100%	8.12
Total (mi)	1.6424		

Onsite Truck Travel			
Source	Travel (m)	Percent	Emissions (lbs/Yr)
W_IN	352.3	37.4%	2.60
W_OUT	331.2	35.1%	2.45
E_OUT	137.6	14.6%	1.02
E_IN	122.1	12.9%	0.90
Totals	943.2	100.0%	6.97
Total (mi)	0.5862		

Idling Emissions	
Source	Emissions (lbs/Yr)
IDLE1	0.157
IDLE2	0.157
IDLE3	0.157
IDLE4	0.157
IDLE5	0.157
IDLE6	0.157
IDLE7	0.157
IDLE8	0.157
IDLE9	0.157
IDLE10	0.157
Totals	1.565

Car Travel																				
CARB					EB_NOR		WB_NOR		EAST_S		EAST_N		NORTH_W		NORTH_E		WB		EB	
CAS#	Chemical Name	Fraction	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr	Lbs/Yr	Lbs/Hr
75070	Acetaldehyde	2.80E-03	3.99E-02	9.10E-06	6.02E-03	1.37E-06	6.04E-03	1.38E-06	3.45E-03	7.88E-07	3.00E-03	6.85E-07	4.34E-03	9.91E-07	4.35E-03	9.93E-07	6.34E-03	1.45E-06	6.34E-03	1.45E-06
107028	Acrolein	1.30E-03	1.85E-02	4.23E-06	2.79E-03	6.38E-07	2.80E-03	6.40E-07	1.60E-03	3.66E-07	1.39E-03	3.18E-07	2.02E-03	4.60E-07	2.02E-03	4.61E-07	2.94E-03	6.72E-07	2.94E-03	6.72E-07
71432	Benzene	2.47E-02	3.52E-01	8.03E-05	5.31E-02	1.21E-05	5.33E-02	1.22E-05	3.04E-02	6.95E-06	2.65E-02	6.04E-06	3.83E-02	8.74E-06	3.84E-02	8.76E-06	5.59E-02	1.28E-05	5.59E-02	1.28E-05
106990	1,3-Butadiene	5.50E-03	7.83E-02	1.79E-05	1.18E-02	2.70E-06	1.19E-02	2.71E-06	6.78E-03	1.55E-06	5.90E-03	1.35E-06	8.53E-03	1.95E-06	8.54E-03	1.95E-06	1.24E-02	2.84E-06	1.24E-02	2.84E-06
100414	Ethylbenzene	1.05E-02	1.50E-01	3.41E-05	2.26E-02	5.15E-06	2.27E-02	5.17E-06	1.29E-02	2.95E-06	1.13E-02	2.57E-06	1.63E-02	3.72E-06	1.63E-02	3.72E-06	2.38E-02	5.43E-06	2.38E-02	5.43E-06
50000	Formaldehyde	1.58E-02	2.25E-01	5.14E-05	3.40E-02	7.75E-06	3.41E-02	7.78E-06	1.95E-02	4.45E-06	1.69E-02	3.87E-06	2.45E-02	5.59E-06	2.45E-02	5.60E-06	3.58E-02	8.16E-06	3.58E-02	8.16E-06
110543	Hexane	1.60E-02	2.28E-01	5.20E-05	3.44E-02	7.85E-06	3.45E-02	7.88E-06	1.97E-02	4.50E-06	1.71E-02	3.92E-06	2.48E-02	5.66E-06	2.48E-02	5.67E-06	3.62E-02	8.27E-06	3.62E-02	8.27E-06
67561	Methanol	1.20E-03	1.71E-02	3.90E-06	2.58E-03	5.89E-07	2.59E-03	5.91E-07	1.48E-03	3.38E-07	1.29E-03	2.94E-07	1.86E-03	4.25E-07	1.86E-03	4.26E-07	2.72E-03	6.20E-07	2.72E-03	6.20E-07
78933	Methyl Ethyl Ketone	2.00E-04	2.85E-03	6.50E-07	4.30E-04	9.82E-08	4.31E-04	9.85E-08	2.46E-04	5.63E-08	2.14E-04	4.89E-08	3.10E-04	7.08E-08	3.11E-04	7.09E-08	4.53E-04	1.03E-07	4.53E-04	1.03E-07
91203	Naphthalene	5.00E-04	7.12E-03	1.63E-06	1.07E-03	2.45E-07	1.08E-03	2.46E-07	6.16E-04	1.41E-07	5.36E-04	1.22E-07	7.75E-04	1.77E-07	7.77E-04	1.77E-07	1.13E-03	2.58E-07	1.13E-03	2.58E-07
115071	Propylene	3.06E-02	4.36E-01	9.95E-05	6.58E-02	1.50E-05	6.60E-02	1.51E-05	3.77E-02	8.61E-06	3.28E-02	7.49E-06	4.74E-02	1.08E-05	4.75E-02	1.09E-05	6.93E-02	1.58E-05	6.93E-02	1.58E-05
100425	Styrene	1.20E-03	1.71E-02	3.90E-06	2.58E-03	5.89E-07	2.59E-03	5.91E-07	1.48E-03	3.38E-07	1.29E-03	2.94E-07	1.86E-03	4.25E-07	1.86E-03	4.26E-07	2.72E-03	6.20E-07	2.72E-03	6.20E-07
108883	Toluene	5.76E-02	8.20E-01	1.87E-04	1.24E-01	2.83E-05	1.24E-01	2.84E-05	7.10E-02	1.62E-05	6.17E-02	1.41E-05	8.93E-02	2.04E-05	8.95E-02	2.04E-05	1.30E-01	2.98E-05	1.30E-01	2.98E-05
1330207	Xylenes	4.80E-02	6.84E-01	1.56E-04	1.03E-01	2.36E-05	1.04E-01	2.36E-05	5.92E-02	1.35E-05	5.14E-02	1.17E-05	7.44E-02	1.70E-05	7.45E-02	1.70E-05	1.09E-01	2.48E-05	1.09E-01	2.48E-05
Total Diesel Emissions (Cars + Offsite Trucks)																				
99101	Diesel		3.76E-02	8.58E-06	1.23E+00	0.00E+00	1.24E+00	0.00E+00	7.06E-01	0.00E+00	6.14E-01	0.00E+00	8.88E-01	0.00E+00	8.89E-01	0.00E+00	1.30E+00	0.00E+00	1.30E+00	0.00E+00

Inventory Year **2022**

Lbs/yr 1.51E+01

					Running Exhaust										Idling Exhaust										EMFAC Running Exhaust										EMFAC Idling Exhaust									
				Sum Total	2.85E-01	3.88E-03	7.54E-03	1.39E-02	2.02E-03	3.46E-03	3.94E-03	2.76E-02	1.93E+02	1.46E-04	3.05E-02	1.78E+00	7.49E-04	7.83E-04	1.98E+00	3.26E-03	1.40E-01	1.60E-01	0.00E+00	3.13E+02	5.92E-03	4.93E-02																		
		# Vehicles	Miles /	Idling	Tons / Year								MMT/ Year			Tons / Year								MMT/ Year			Grams / Mile									g/vehicle/day									
Vehicle Category	Fuel Type	Per Year	Trip	Minutes	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O
HHDT	Diesel	**73000**	**1.6424**	**15**	0.284615	0.003882	0.004058	0.01386	0.002017	0.003465	0.003945	0.027638	193.3318	0.000146	0.03046	1.783771	0.000749	0.000783	1.976386	0.003264	0.140354	0.159782	0	312.7629	0.005916	0.049276	2.15351	0.029376	0.030705	0.104872	0.015265	0.026217	0.029846	0.209123	1612.031	0.001218	0.253976	88.67053	0.037223	0.038907	98.24533	0.162241	6.976918	7.942691	0	17133.14	0.32406	2.699334
		73000	**0.586203**	**0**	0	0	0.003486	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0.073901																			
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
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		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
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		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
		0	**0**	**0**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					

Inventory Year 2022

					Running Exhaust										
				Sum Total	3.38E-02	5.68E-04	6.17E-04	4.70E-01	1.32E-03	9.00E-03	1.23E-02	1.40E-02	1.21E+02	1.74E-03	2.62E-03
					Tons / Year								MMT/ Year		
Vehicle Category	Fuel Type	# Vehicles Per Year	Miles / Trip	Idling Minutes	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O
LDA	Gasoline	153375.9	1.64	0	0.014572579	0.000341296	0.000371185	0.248986948	0.000806065	0.00313893	0.004578402	0.009028244	73.98896	0.000723693	0.00135043
LDA	Diesel	387.7	1.64	0	0.000203249	1.36847E-05	1.43035E-05	0.00025404	1.56473E-06	2.2517E-05	2.56341E-05	2.17569E-06	0.14985	9.49067E-07	2.36089E-05
LDA	Plug-in Hybrid	3344.8	1.64	0	1.97971E-05	4.19473E-06	4.56215E-06	0.001425193	8.6225E-06	8.54093E-06	1.24629E-05	0.00011866	0.791462	2.49003E-06	3.35536E-06
LDT1	Gasoline	12980.1	1.64	0	0.005570958	5.43645E-05	5.91208E-05	0.057680914	8.18322E-05	0.001213863	0.001770002	0.000892559	7.511405	0.000240237	0.000333871
LDT1	Diesel	3.8	1.64	0	1.10336E-05	1.5244E-06	1.59333E-06	1.26758E-05	2.62922E-08	1.97288E-06	2.246E-06	2.12316E-08	0.002518	8.31548E-08	3.967E-07
LDT1	Plug-in Hybrid	3.1	1.64	0	1.6745E-08	2.28902E-09	2.48952E-09	1.20658E-06	7.30278E-09	7.2096E-09	1.05202E-08	1.12596E-07	0.00067	2.10329E-09	2.84156E-09
LDT2	Gasoline	62701.9	1.64	0	0.011966435	0.000146883	0.000159746	0.128697816	0.000413207	0.001847837	0.002695477	0.00390938	37.92843	0.000407126	0.000816445
LDT2	Diesel	161.5	1.64	0	2.3522E-05	2.7694E-06	2.89462E-06	4.3798E-05	8.74505E-07	5.63197E-06	6.41163E-06	9.06213E-07	0.083749	2.37382E-07	1.31946E-05
LDT2	Plug-in Hybrid	235.2	1.64	0	1.3226E-06	2.32691E-07	2.53073E-07	9.53052E-05	5.7686E-07	5.69308E-07	8.30733E-07	8.86855E-06	0.05295	1.66133E-07	2.24564E-07
MCY	Gasoline	1136.0	1.64	0	0.001411745	3.43956E-06	3.6649E-06	0.032553283	3.888E-06	0.00275884	0.003248536	1.74953E-05	0.356881	0.000363321	8.30645E-05
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0
										0.00712075					

		Idling Exhaust										
		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
		Tons / Year								MMT/ Year		
Vehicle Category	Fuel Type	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O
LDA	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDA	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDA	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
LDT1	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDT1	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDT1	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
LDT2	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDT2	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDT2	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
MCY	Gasoline	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
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		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0

		EMFAC Running Exhaust										
		Grams / Mile										
Vehicle Category	Fuel Type	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O
LDA	Gasoline	0.05248	0.001229	0.001337	0.896666	0.002903	0.011304	0.016488	0.032513	293.6314	0.002872	0.005359
LDA	Diesel	0.289596	0.019499	0.02038	0.361966	0.002229	0.032083	0.036524	0.0031	235.2896	0.00149	0.03707
LDA	Plug-in Hybrid	0.003269	0.000693	0.000753	0.235351	0.001424	0.00141	0.002058	0.019595	144.0301	0.000453	0.000611
LDT1	Gasoline	0.237062	0.002313	0.002516	2.454506	0.003482	0.051654	0.075319	0.037981	352.2368	0.011266	0.015656
LDT1	Diesel	1.610993	0.222575	0.232639	1.850768	0.003839	0.288057	0.327934	0.0031	405.137	0.01338	0.063829
LDT1	Plug-in Hybrid	0.002998	0.00041	0.000446	0.216033	0.001308	0.001291	0.001884	0.02016	132.261	0.000415	0.000561
LDT2	Gasoline	0.105413	0.001294	0.001407	1.133709	0.00364	0.016278	0.023745	0.034438	368.194	0.003952	0.007926
LDT2	Diesel	0.080465	0.009474	0.009902	0.149825	0.002992	0.019266	0.021933	0.0031	315.7123	0.000895	0.049741
LDT2	Plug-in Hybrid	0.003106	0.000546	0.000594	0.223787	0.001355	0.001337	0.001951	0.020824	137.0148	0.00043	0.000581
MCY	Gasoline	0.686421	0.001672	0.001782	15.82812	0.00189	1.341409	1.57951	0.008507	191.2227	0.194674	0.044507

		EMFAC Idling Exhaust										
		g/vehicle/day										
Vehicle Category	Fuel Type	NOx	PM2.5	PM10	CO	SOx	ROG	TOG	NH3	CO2	CH4	N2O
LDA	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDA	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDA	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
LDT1	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDT1	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDT1	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
LDT2	Gasoline	0	0	0	0	0	0	0	0	0	0	0
LDT2	Diesel	0	0	0	0	0	0	0	0	0	0	0
LDT2	Plug-in Hybrid	0	0	0	0	0	0	0	0	0	0	0
MCY	Gasoline	0	0	0	0	0	0	0	0	0	0	0

Vehicle Category	Fuel	Pollutants	Runnning	Idle
HHDT	Diesel	NOx	13	14
LDA	Gasoline	PM2.5	16	17
LDT1	Natural Gas	PM10	21	22
LDT2	Plug-in Hybrid	CO	48	49
LHDT1		SOx	51	52
LHDT2		ROG	35	36
MCY		TOG	41	42
MDV		NH3	47	0
MH		CO2	26	27
MHDT		CH4	29	30
OBUS		N2O	32	33
SBUS				
UBUS				

Table 1. Reyes Fresno Trip Generation

Land Use			Daily	AM Peak Hour In	AM Peak Hour Out	AM Peak Hour Total	PM Peak Hour In	PM Peak Hour Out	PM Peak Hour Total
Trip Generation Based on ITE Trip Rates									
Trip Rates									
Warehouse[1]		Per TSF	1.71	0.13	0.04	0.17	0.05	0.13	0.18
Project Trip Generation (Total Trips)									
Total Project Trip Generation	245.564	TSF	420	32	10	42	12	32	44
Trip Generation Based on Operational Data [2]									
Project Trip Generation (Total Trips)									
Passenger Car Trips									
Delivery Drivers (60 Drivers)[3]			120	0	0	0	0	0	0
On-Site Employees (70 Employees)[4]			158	0	0	0	25	0	25
Part-Time (2 Days/Week) On-Site Employees (15 Employees)[5]			14	14	0	14	0	14	14
Remote Workers On-Site Weekly (55 Employees)[6]			25	25	0	25	0	25	25
Remote Workers On-Site Monthly (50 Employees)[7]			6	6	0	6	0	6	6
Total Passenger Car Trips			321	44	0	44	25	44	69
Truck Trips									
RCCB Fresno Daily Routes (50/day)[8]			100	-	-	-	-	-	-
3rd Party Deliveries[8]			60	3	3	6	3	3	6
Total			160	3	3	6	3	3	6
Total Project Trip Generation			481	47	3	50	28	47	75

TSF = Thousand Square Feet

[1]Trip rates from the Institute of Transporation Engineers, Trip Generation,11th Edition, 2021. Land Use Code 150 - Warehousing.

[2] Estimates of employees, routes and 3rd party deliveries provided by Reyes Holdings LLC.

[3] Delivery drivers would work 5 days per week. There would be 2 shifts per day from 4:00 AM - 2:00 PM and from 5:00 AM - 3:00 PM. Delivery drivers would not arrive or depart during the peak hours.

[*] Daily employee trips assume all employees drive alone and that up to 25 percent of employees will leave work during the day for lunch or other personal reasons. A rate of 2.25 trips per employee is used for all employees in the office on a given day. All employee shifts would start and end outside of peak commute periods except for 25 employees who would work from 5:00 PM - 1:30 AM 5 days per week.

[5] A rate of 0.9 trips per employee per day is used for part time (2 days/week) employees. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 2 days per week/5 day

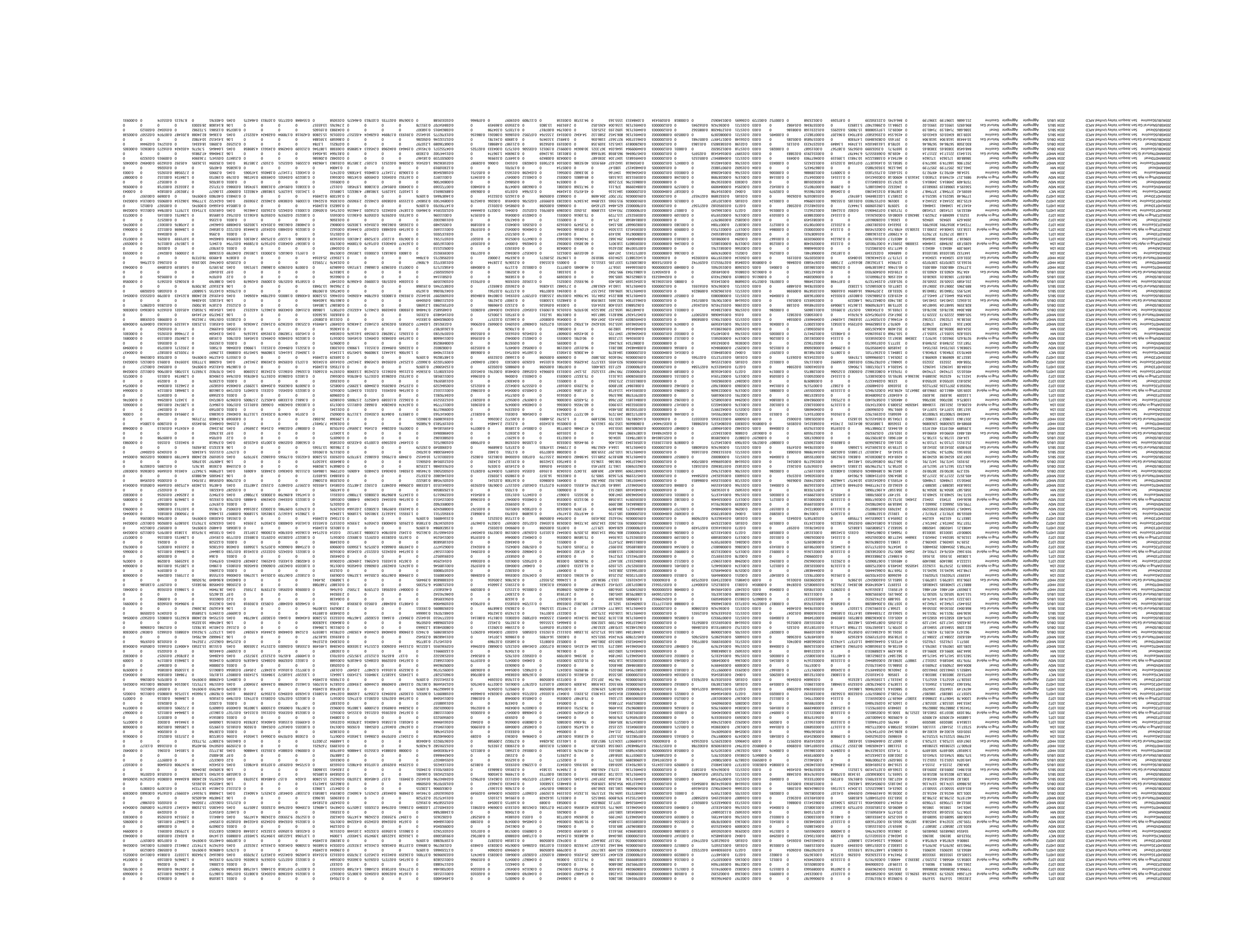
[6] A rate of 0.45 trips per employee per day is used for employees who are on site 1 day per week. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per week/5

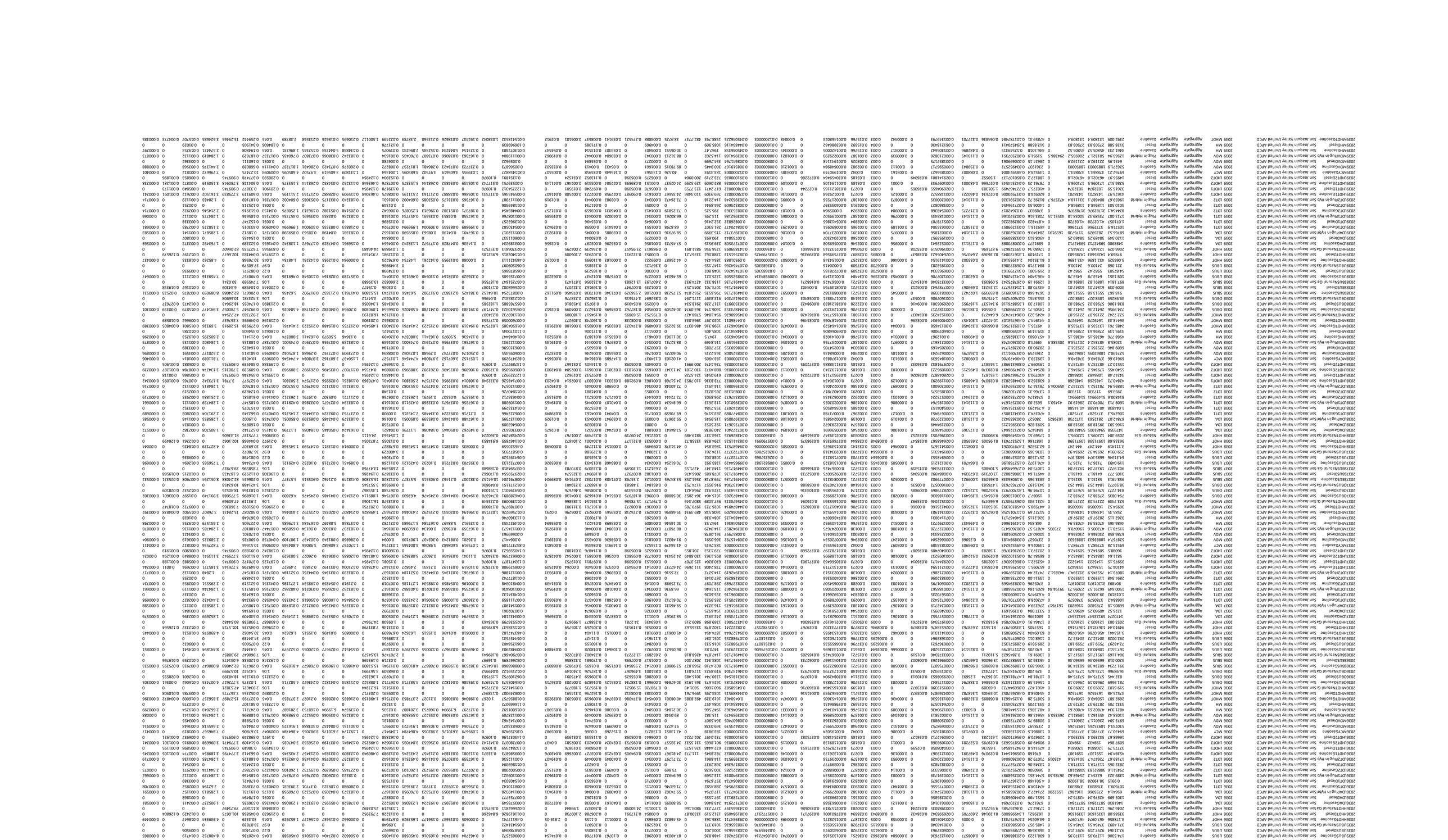
[7] A rate of 0.1125 trips per employee per day is used for employees who are on site 1 day per month. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per

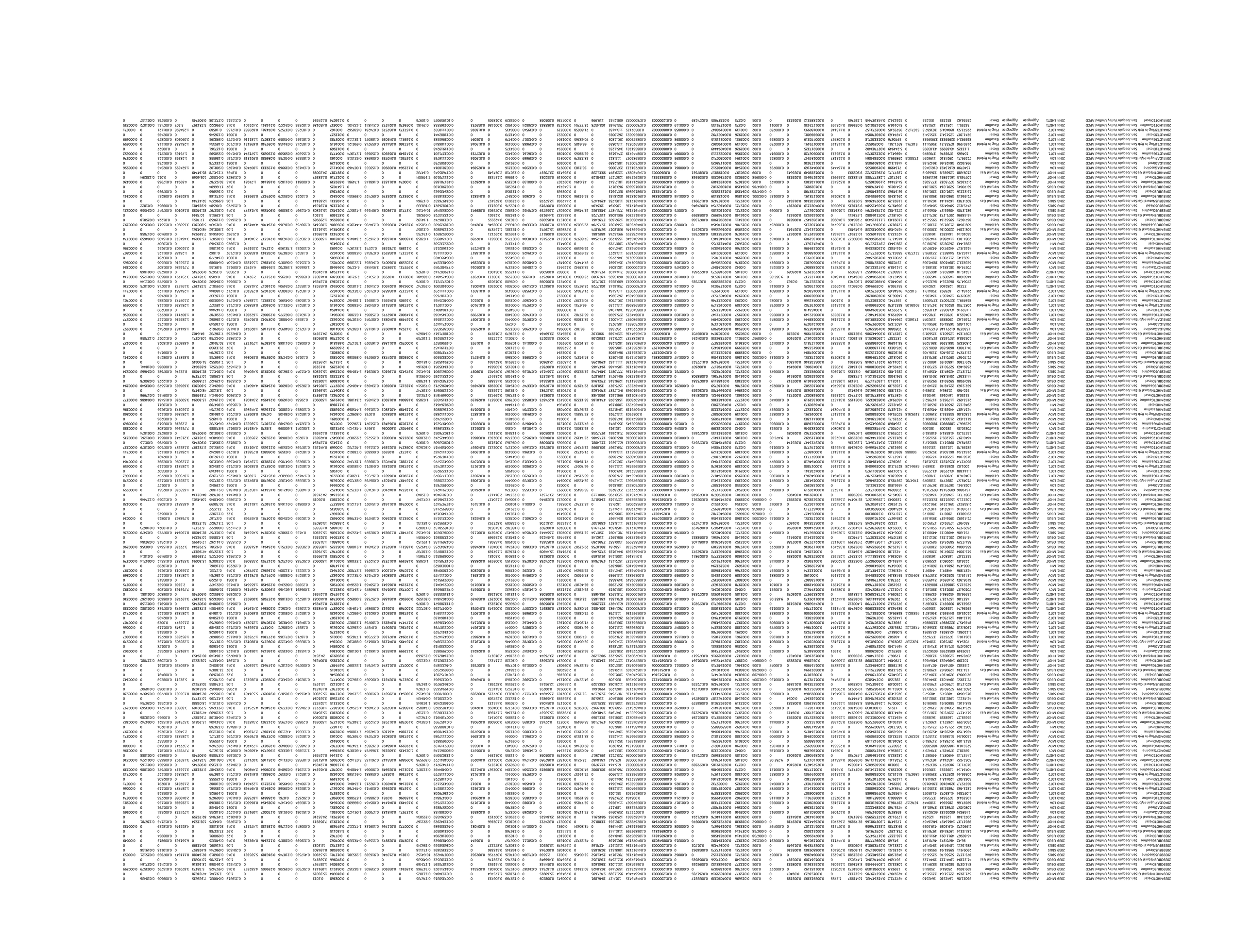
[8] Delivery route trips and 3rd party deliveries are calculated using 2 trips per day (one inbound, one outbound). Delivery route trucks would depart between 4:00 a.m. and 6:00 a.m. and would return between noon and 4:00 p.m., therefore all delivery route trips are outside of the peak hour. 3rd party deliveries are distributed equally throughout the day from 8:00 a.m. to 5:00 p.m. resulting in 11% of delivery trips during each peak hour.

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HOTSOAK and RUNLOSS, g/vehicle/day for IDLEX and DIURN. PHEV calculated based on total VMT.

												13	14		16	17				21	22				26	27		29	30		32	33		35	36					41	42					47	48	49		51	52	
Index	Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Populatior	Total VMT	CVMT	EVMT	Trips	NOx_RUNEX	NOx_IDLE	NOx_STRE	PM2.5_RUNE	PM2.5_IDL	PM2.5_STF	PM2.5_PM	PM2.5_PM	PM10_RUNEX	PM10_IDLE	PM10_STR	PM10_PMTW	PM10_PMBW	CO2_RUNE	CO2_IDLEX	CO2_STRE	CH4_RUNE	CH4_IDLEX	CH4_STRE	N2O_RUNI	N2O_IDLE	N2O_STRE	ROG_RUNEX	ROG_IDLE	ROG_STRE	ROG_HOTS	ROG_RUNI	ROG_DIUR	TOG_RUNI	TOG_IDLE	TOG_STRE	TOG_HOTS	TOG_RUNI	TOG_DIUR	NH3_RUNI	CO_RUNE	CO_IDLEX	CO_STREX	SOx_RUNE	SOx_IDLEX	SOx_STREX
2021HHDTGasoline	San Joaquin Valley Unified APCD	2021	HHDT	Aggregate	Aggregate	Gasoline	40.62431	1228.839	1228.839	0	812.8113	17.47288961	0	1.466569	0.00828549	0	0.002646	0.005	0.038648	0.009011226	0	0.002878	0.020000006	0.110422793	2839.071	0	51.45031	0.673657	0	2.48E-05	0.391418	0	0.026942	4.417461215	0	0.000135	0.167552	1.44362	12.63588	6.445949	0	0.000148	0.167552	1.44362	12.63588	0.030713	220.3891	0	1.555729	0.028067	0	0.000509
2021HHDTDiesel	San Joaquin Valley Unified APCD	2021	HHDT	Aggregate	Aggregate	Diesel	68244.56	10484876	10484876	0	1188523	2.526353127	89.7128	2.340427	0.039816438	0.075726	0	0.008923	0.027319	0.041616761	0.0791504	0	0.035692094	0.07805383	1628.352	17288.88	0	0.001993	0.326107	0	0.256548	2.72387	0	0.04290097	7.020991	0	0	0	0	0.048839	7.992864	0	0	0	0	0.202515	0.177032	95.26805	0	0.01542	0.163715	0
2021HHDTNatural Ga	San Joaquin Valley Unified APCD	2021	HHDT	Aggregate	Aggregate	Natural Gas	1281.785	89931.37	89931.37	0	11150.92	1.710222878	13.04867	0	0.003523854	0.023185	0	0.009	0.045094	0.003832513	0.0252162	0	0.03600001	0.128838881	1501.7	10407.53	0	2.493013	35.16166	0	0.306131	2.121643	0	0.095359199	0.61518	0	0	0	0	2.612365	36.01356	0	0	0	0	0.888403	12.87864	68.12414	0	0	0	0
2021LDAGasoline	San Joaquin Valley Unified APCD	2021	LDA	Aggregate	Aggregate	Gasoline	1396707	53449652	53449652	0	6474110	0.059781751	0	0.301715	0.001269455	0	0.00215	0.002	0.002464	0.001380611	0	0.002338	0.008000002	0.007039168	297.9468	0	74.83254	0.003232	0	0.084973	0.005802	0	0.035895	0.013012895	0	0.403256	0.107053	0.26642	1.786849	0.018976	0	0.441512	0.107053	0.26642	1.786849	0.031608	0.966884	0	3.822452	0.002946	0	0.00074
2021LDADiesel	San Joaquin Valley Unified APCD	2021	LDA	Aggregate	Aggregate	Diesel	4217.253	135093.3	135093.3	0	18225.28	0.320046672	0	0	0.020722626	0	0	0.002	0.00249	0.021659612	0	0	0.008000002	0.007112866	236.8506	0	0	0.001573	0	0	0.037316	0	0	0.033855367	0	0	0	0	0	0.038542	0	0	0	0	0	0.0031	0.373114	0	0	0.002244	0	0
2021LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2021	LDA	Aggregate	Aggregate	Plug-in Hybrid	24725.83	1165621	620753.4	544867.9	102241.3	0.003334712	0	0.113166	0.0007532	0	0.002395	0.002	0.001318	0.000819174	0	0.002605	0.008000002	0.003765178	146.9581	0	67.87917	0.000462	0	0.041899	0.000625	0	0.021164	0.001436734	0	0.167431	0.042116	0.036393	0.558515	0.002096	0	0.183316	0.042116	0.036393	0.558515	0.019528	0.239977	0	1.285384	0.001453	0	0.000671
2021LDT1Gasoline	San Joaquin Valley Unified APCD	2021	LDT1	Aggregate	Aggregate	Gasoline	146419.7	4523421	4523421	0	626895.2	0.264135487	0	0.595642	0.002492344	0	0.004083	0.002	0.002974	0.002710314	0	0.004439	0.008000002	0.008497751	356.9772	0	98.51602	0.012554	0	0.16639	0.017144	0	0.048256	0.057964461	0	0.925091	0.28804	0.877816	4.929796	0.084497	0	1.012848	0.28804	0.877816	4.929796	0.038186	2.701353	0	8.815274	0.003529	0	0.000974
2021LDT1Diesel	San Joaquin Valley Unified APCD	2021	LDT1	Aggregate	Aggregate	Diesel	98.23964	1318.32	1318.32	0	298.6235	1.615641633	0	0	0.223163975	0	0	0.002	0.003261	0.23325446	0	0	0.008000002	0.009317326	405.2321	0	0	0.013411	0	0	0.063844	0	0	0.288736975	0	0	0	0	0	0.328708	0	0	0	0	0	0.0031	1.856023	0	0	0.00384	0	0
2021LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2021	LDT1	Aggregate	Aggregate	Plug-in Hybrid	20.90199	1075.064	547.4807	527.5832	86.42974	0.003175437	0	0.113128	0.000483479	0	0.001648	0.002	0.001315	0.000525828	0	0.001792	0.008000002	0.003758402	140.1406	0	74.59594	0.000441	0	0.042105	0.0006	0	0.021383	0.001364814	0	0.16731	0.027555	0.026537	0.384196	0.001992	0	0.183184	0.027555	0.026537	0.384196	0.021389	0.228726	0	1.284386	0.001385	0	0.000737
2021LDT2Gasoline	San Joaquin Valley Unified APCD	2021	LDT2	Aggregate	Aggregate	Gasoline	584223.9	21850868	21850868	0	2702254	0.122178315	0	0.473173	0.001350649	0	0.002209	0.002	0.00282	0.00146891	0	0.002402	0.008000002	0.008056207	376.0375	0	96.48742	0.004431	0	0.106365	0.008815	0	0.044389	0.018552453	0	0.521478	0.111897	0.298061	1.949586	0.02706	0	0.570951	0.111897	0.298061	1.949586	0.033564	1.239449	0	4.783301	0.003718	0	0.000954
2021LDT2Diesel	San Joaquin Valley Unified APCD	2021	LDT2	Aggregate	Aggregate	Diesel	1371.151	56268.77	56268.77	0	6514.189	0.092372048	0	0	0.010643003	0	0	0.002	0.002706	0.011124233	0	0	0.008000002	0.007731837	320.6712	0	0	0.000965	0	0	0.050522	0	0	0.020784517	0	0	0	0	0	0.023662	0	0	0	0	0	0.0031	0.156883	0	0	0.003039	0	0
2021LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2021	LDT2	Aggregate	Aggregate	Plug-in Hybrid	1641.904	81974.76	42416.95	39557.81	6789.272	0.003225019	0	0.113125	0.000650684	0	0.002186	0.002	0.001313	0.000707678	0	0.002378	0.008000002	0.003752044	142.3516	0	80.94564	0.000447	0	0.042033	0.000608	0	0.021317	0.00138556	0	0.167301	0.028819	0.027965	0.413717	0.002022	0	0.183173	0.028819	0.027965	0.413717	0.021632	0.232315	0	1.28431	0.001407	0	0.0008
2021LHDT1Gasoline	San Joaquin Valley Unified APCD	2021	LHDT1	Aggregate	Aggregate	Gasoline	65565.3	2217706	2217706	0	976825.2	0.300624404	0.040318	0.715894	0.001840554	0	0.000411	0.002	0.0273	0.00200177	0	0.000447	0.008000002	0.078000022	946.8108	123.1234	25.47189	0.014249	0.121446	0.038177	0.016489	0.003027	0.053025	0.072897523	0.461552	0.194728	0.062522	0.323517	3.628737	0.106372	0.673495	0.213202	0.062522	0.323517	3.628737	0.044786	1.596979	3.742389	2.896158	0.00936	0.001217	0.000252
2021LHDT1Diesel	San Joaquin Valley Unified APCD	2021	LHDT1	Aggregate	Aggregate	Diesel	63346.26	2264966	2264966	0	796816.3	2.560231985	2.369289	0	0.052102977	0.026853	0	0.003	0.0273	0.054458842	0.0280668	0	0.012000003	0.078000022	642.5903	137.9044	0	0.011038	0.005098	0	0.10124	0.021727	0	0.237639186	0.10976	0	0	0	0	0.270536	0.124954	0	0	0	0	0.137504	0.695877	0.909745	0	0.006089	0.001307	0
2021LHDT2Gasoline	San Joaquin Valley Unified APCD	2021	LHDT2	Aggregate	Aggregate	Gasoline	10543.32	365800.3	365800.3	0	157079.7	0.229856983	0.040128	0.702464	0.001470512	0	0.00029	0.002	0.03185	0.001599316	0	0.000316	0.008000002	0.091000026	1044.558	141.739	26.08386	0.008814	0.12351	0.03623	0.013414	0.003125	0.053435	0.041830055	0.459942	0.180829	0.050245	0.252953	2.961679	0.061038	0.671146	0.197985	0.050245	0.252953	2.961679	0.044963	1.071044	3.756582	2.953801	0.010327	0.001401	0.000258
2021LHDT2Diesel	San Joaquin Valley Unified APCD	2021	LHDT2	Aggregate	Aggregate	Diesel	22573.62	834038.6	834038.6	0	283947.8	2.008883877	2.335599	0	0.044689306	0.026394	0	0.003	0.03185	0.046709958	0.0275879	0	0.012000003	0.091000026	784.1308	220.446	0	0.009688	0.005098	0	0.12354	0.034731	0	0.208575727	0.10976	0	0	0	0	0.23745	0.124954	0	0	0	0	0.156495	0.574109	0.909745	0	0.00743	0.002089	0
2021MCYGasoline	San Joaquin Valley Unified APCD	2021	MCY	Aggregate	Aggregate	Gasoline	73075.52	395880.7	395880.7	0	146151	0.707276961	0	0.179974	0.00166706	0	0.003485	0.001	0.0042	0.001774717	0	0.003689	0.004000001	0.012000003	192.0192	0	56.85721	0.200939	0	0.215472	0.045407	0	0.010261	1.396050772	0	1.63385	3.619663	3.851426	5.452764	1.638528	0	1.775233	3.619663	3.851426	5.452764	0.008445	16.42546	0	8.443232	0.001898	0	0.000562
2021MDVGasoline	San Joaquin Valley Unified APCD	2021	MDV	Aggregate	Aggregate	Gasoline	632445.1	21814167	21814167	0	2868604	0.180871448	0	0.643173	0.001383881	0	0.002406	0.002	0.002924	0.001504329	0	0.002615	0.008000002	0.008354066	457.5275	0	118.2849	0.006469	0	0.141263	0.011858	0	0.051241	0.029675556	0	0.751023	0.133819	0.360836	2.27827	0.042393	0	0.822219	0.133819	0.360836	2.27827	0.032412	1.55299	0	5.3926	0.004523	0	0.001169
2021MDVDiesel	San Joaquin Valley Unified APCD	2021	MDV	Aggregate	Aggregate	Diesel	9073.343	360131.4	360131.4	0	43011.38	0.135486896	0	0	0.008140884	0	0	0.002	0.002811	0.008508979	0	0	0.008000002	0.008032526	424.4644	0	0	0.000736	0	0	0.066875	0	0	0.015839539	0	0	0	0	0	0.018032	0	0	0	0	0	0.0031	0.23977	0	0	0.004022	0	0
2021MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2021	MDV	Aggregate	Aggregate	Plug-in Hybrid	1942.46	92025.97	49182.75	42843.21	8032.072	0.003328462	0	0.113122	0.000867173	0	0.002816	0.002	0.001312	0.00094313	0	0.003063	0.008000002	0.003748234	146.9685	0	101.9167	0.00046	0	0.041932	0.000624	0	0.021221	0.001428093	0	0.167296	0.032114	0.032642	0.486612	0.002084	0	0.183168	0.032114	0.032642	0.486612	0.022447	0.239803	0	1.284247	0.001453	0	0.001008
2021MHGasoline	San Joaquin Valley Unified APCD	2021	MH	Aggregate	Aggregate	Gasoline	10043.2	84867.53	84867.53	0	1004.722	0.573219454	0	0.395334	0.001864602	0	0.000446	0.003	0.015766	0.002027925	0	0.000485	0.012000003	0.045046387	1951.809	0	32.0846	0.022096	0	0.038368	0.032109	0	0.039707	0.102320421	0	0.168857	14.75017	0.325609	5.611469	0.149306	0	0.184877	14.75017	0.325609	5.611469	0.04459	2.685694	0	3.750194	0.019296	0	0.000317
2021MHDiesel	San Joaquin Valley Unified APCD	2021	MH	Aggregate	Aggregate	Diesel	4164.662	36261.38	36261.38	0	416.4662	5.565842458	0	0	0.147275131	0	0	0.004	0.015692	0.153934259	0	0	0.016000005	0.044834115	1078.032	0	0	0.007077	0	0	0.169844	0	0	0.152366782	0	0	0	0	0	0.173459	0	0	0	0	0	0.108026	0.529495	0	0	0.010215	0	0
2021MHDTGasoline	San Joaquin Valley Unified APCD	2021	MHDT	Aggregate	Aggregate	Gasoline	4658.033	240681.8	240681.8	0	93197.93	0.880717258	0.087239	0.459065	0.001589069	0	0.000746	0.003	0.015766	0.001728844	0	0.000811	0.012000003	0.045046001	1871.324	551.7711	49.1513	0.032682	0.243003	0.051311	0.038349	0.006481	0.03072	0.172217153	0.993935	0.298262	0.05608	0.45999	4.743819	0.251299	1.450347	0.32656	0.05608	0.45999	4.743819	0.044647	3.751254	14.89931	6.661167	0.0185	0.005455	0.000486
2021MHDTDiesel	San Joaquin Valley Unified APCD	2021	MHDT	Aggregate	Aggregate	Diesel	33844.74	1610716	1610716	0	403633	1.909523713	16.50631	1.379953	0.024513592	0.055126	0	0.003	0.015743	0.025621988	0.057619	0	0.012000003	0.044978627	1139.148	2323.014	0	0.002686	0.014911	0	0.179473	0.365992	0	0.057832686	0.32104	0	0	0	0	0.065838	0.36548	0	0	0	0	0.190951	0.184432	7.06282	0	0.010787	0.021998	0
2021MHDTNatural G	San Joaquin Valley Unified APCD	2021	MHDT	Aggregate	Aggregate	Natural Gas	247.0401	13618.14	13618.14	0	1859.98	0.106561626	7.014487	0	0.001360863	0.021217	0	0.003	0.016017	0.001480062	0.0230751	0	0.012000003	0.045763628	1018.148	5998.147	0	0.792496	18.0856	0	0.207556	1.222761	0	0.011323198	0.258408	0	0	0	0	0.8088	18.45768	0	0	0	0	1.06	2.963176	41.15272	0	0	0	0
2021OBUSGasoline	San Joaquin Valley Unified APCD	2021	OBUS	Aggregate	Aggregate	Gasoline	1467.685	76643.1	76643.1	0	29365.45	0.794094406	0.064708	0.420728	0.000910876	0	0.000303	0.003	0.015705	0.000990661	0	0.000329	0.012000003	0.044872049	1835.896	387.6907	32.95693	0.02336	0.192595	0.038587	0.035731	0.005048	0.030429	0.116375513	0.741003	0.207196	0.041655	0.177781	3.421033	0.169815	1.08127	0.226854	0.041655	0.177781	3.421033	0.044842	2.649518	5.742873	4.460183	0.01815	0.003833	0.000326
2021OBUSDiesel	San Joaquin Valley Unified APCD	2021	OBUS	Aggregate	Aggregate	Diesel	680.6137	52930.87	52930.87	0	8715.784	2.854691676	20.57137	1.443386	0.06369263	0.045464	0	0.003	0.021448	0.066572528	0.0475193	0	0.012000003	0.061280037	1467.775	3503.069	0	0.006812	0.059907	0	0.231249	0.55191	0	0.146653689	1.289791	0	0	0	0	0.166954	1.468329	0	0	0	0	0.191914	0.428282	16.87433	0	0.013899	0.033172	0
2021OBUSNatural Ga	San Joaquin Valley Unified APCD	2021	OBUS	Aggregate	Aggregate	Natural Gas	9.030781	532.4271	532.4271	0	80.37395	0.125096247	1.495139	0	0.001375661	0.004908	0	0.003	0.016148	0.001496157	0.0053374	0	0.012000003	0.046137304	1072.113	1340.706	0	0.826019	3.714939	0	0.218557	0.273312	0	0.01180218	0.053079	0	0	0	0	0.843013	3.791368	0	0	0	0	1.06	3.351915	9.62662	0	0	0	0
2021SBUSGasoline	San Joaquin Valley Unified APCD	2021	SBUS	Aggregate	Aggregate	Gasoline	1104.522	64932.22	64932.22	0	4418.087	0.597438659	0.918462	0.683967	0.001217211	0	0.000622	0.002	0.015721	0.001323828	0	0.000676	0.008000002	0.044917136	830.1814	2641.714	59.5824	0.015448	2.476959	0.073526	0.031125	0.08658	0.062941	0.074572349	10.52227	0.412835	0.154122	0.391592	2.398764	0.108816	15.35408	0.452003	0.154122	0.391592	2.398764	0.045	1.795251	81.5197	10.73691	0.008207	0.026116	0.000589
2021SBUSDiesel	San Joaquin Valley Unified APCD	2021	SBUS	Aggregate	Aggregate	Diesel	3920.788	89175.6	89175.6	0	56773.01	5.436459842	25.21722	0.422124	0.03012052	0.032092	0	0.003	0.015721	0.031482437	0.033543	0	0.012000003	0.044917136	1154.227	2275.85	0	0.003529	0.008679	0	0.181849	0.358561	0	0.075973383	0.186862	0	0	0	0	0.08649	0.212729	0	0	0	0	0.122619	0.226035	3.996221	0	0.01093	0.021551	0
2021SBUSNatural Ga	San Joaquin Valley Unified APCD	2021	SBUS	Aggregate	Aggregate	Natural Gas	642.7085	16687.1	16687.1	0	9306.419	0.420616292	5.195446	0	0.003378346	0.013157	0	0.003	0.015721	0.00367426	0.0143094	0	0.012000003	0.044917136	1232.641	4255.056	0	3.025531	14.3251	0	0.251282	0.867421	0	0.043228865	0.204677	0	0	0	0	3.087776	14.61981	0	0	0	0	1.06	9.71422	24.80462	0	0	0	0
2021UBUSGasoline	San Joaquin Valley Unified APCD	2021	UBUS	Aggregate	Aggregate	Gasoline	311.8029	21305.96	21305.96	0	1247.212	0.206094928	0	0.926977	0.000914796	0	0.000641	0.002856	0.037541	0.000994924	0	0.000697	0.011423455	0.107261424	1698.227	0	107.18	0.003674	0	0.12366	0.018585	0	0.084857	0.011998786	0	0.530388	0.054437	0.102121	0.74834	0.017509	0	0.580708	0.054437	0.102121	0.74834	0.045	0.334037	0	9.413835	0.016789	0	0.00106
2021UBUSDiesel	San Joaquin Valley Unified APCD	2021	UBUS	Aggregate	Aggregate	Diesel	228.1116	21781.05	21781.05	0	912.4465	0.608432482	0	0	0.005218443	0	0	0.006264	0.038452	0.005454397	0	0	0.025055887	0.109863539	1133.417	0	0	0.003101	0	0	0.17857	0	0	0.066758364	0	0	0	0	0	0.075999	0	0	0	0	0	0.200843	0.074245	0	0	0.01074	0	0
2021UBUSNatural Ga	San Joaquin Valley Unified APCD	2021	UBUS	Aggregate	Aggregate	Natural Gas	542.0097	57944.46	57944.46	0	2168.039	0.322182081	0	0	0.00095109	0	0	0.006575	0.038179	0.000994094	0	0	0.02630057	0.109081981	1264.743	0	0	1.503464	0	0	0.257826	0	0	0.026221011	0	0	0	0	0	1.53957	0	0	0	0	0	0.97	20.73407	0	0	0	0	0
2022HHDTGasoline	San Joaquin Valley Unified APCD	2022	HHDT	Aggregate	Aggregate	Gasoline	30.34626	1035.35	1035.35	0	607.168	14.15712433	0	0.98751	0.00738015	0	0.002554	0.005	0.037835	0.008026586	0	0.002778	0.020000006	0.108100292	2761.798	0	51.61905	0.586327	0	3.88E-05	0.333736	0	0.018633	3.802266252	0	0.000211	0.156875	1.403059	12.26901	5.548258	0	0.000231	0.156875	1.403059	12.26901	0.032763	195.1841	0	1.717962	0.027303	0	0.00051
2022HHDTDiesel	San Joaquin Valley Unified APCD	2022	HHDT	Aggregate	Aggregate	Diesel	70692.5	10687214	10687214	0	1230522	2.153509554	88.67053	2.514084	0.029376441	0.037223	0	0.008923	0.027026	0.030704714	0.0389066	0	0.035693111	0.077218032	1612.031	17133.14	0	0.001218	0.32406	0	0.253976	2.699334	0	0.02621722	6.976918	0	0	0	0	0.029846	7.942691	0	0	0	0	0.209123	0.104872	98.24533	0	0.015265	0.162241	0
2022HHDTNatural Ga	San Joaquin Valley Unified APCD	2022	HHDT	Aggregate	Aggregate	Natural Gas	1386.731	94691.6	94691.6	0	12041.83	1.538282722	12.70835	0	0.003256105	0.024105	0	0.009	0.045525	0.003541311	0.0262167	0	0.03600001	0.130072577	1475.662	10349.63	0	2.345873	34.0683	0	0.300823	2.109841	0	0.085183965	0.581709	0	0	0	0	2.453	34.87737	0	0	0	0	0.883296	12.39865	68.97144	0	0	0	0
2022LDAGasoline	San Joaquin Valley Unified APCD	2022	LDA	Aggregate	Aggregate	Gasoline	1395012	54445643	54445643	0	6461600	0.052479596	0	0.284975	0.001229096	0	0.002075	0.002	0.002473	0.001336733	0	0.002256	0.008000002	0.007066508	293.6314	0	73.42386	0.002872	0	0.080162	0.005359	0	0.035064	0.011304091	0	0.373861	0.102714	0.259183	1.739546	0.016488	0	0.409329	0.102714	0.259183	1.739546	0.032513	0.896666	0	3.576578	0.002903	0	0.000726
2022LDADiesel	San Joaquin Valley Unified APCD	2022	LDA	Aggregate	Aggregate	Diesel	4022.968	128507.9	128507.9	0	17247.75	0.289596497	0	0	0.019498541	0	0	0.002	0.002508	0.020380178	0	0	0.008000002	0.007165994	235.2896	0	0	0.00149	0	0	0.03707	0	0	0.03208306	0	0	0	0	0	0.036524	0	0	0	0	0	0.0031	0.361966	0	0	0.002229	0	0
2022LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2022	LDA	Aggregate	Aggregate	Plug-in Hybrid	28645.15	1363566	710992.3	652573.9	118447.7	0.003269204	0	0.113166	0.0006927	0	0.002255	0.002	0.001325	0.000753374	0	0.002452	0.008000002	0.003785051	144.0301	0	67.17758	0.000453	0	0.04184	0.000611	0	0.021107	0.001410415	0	0.167432	0.042148	0.036725	0.540414	0.002058	0	0.183317	0.042148	0.036725	0.540414	0.019595	0.235351	0	1.285393	0.001424	0	0.000664
2022LDT1Gasoline	San Joaquin Valley Unified APCD	2022	LDT1	Aggregate	Aggregate	Gasoline	141302.7	4472585	4472585	0	604943.3	0.237061928	0	0.562164	0.00231338	0	0.003827	0.002	0.002976	0.002515776	0	0.004162	0.008000002	0.008503253	352.2368	0	96.37215	0.011266	0	0.156244	0.015656	0	0.046866	0.05165372	0	0.859775	0.273884	0.83685	4.771816	0.075319	0	0.941339	0.273884	0.83685	4.771816	0.037981	2.454506	0	8.163123	0.003482	0	0.000953
2022LDT1Diesel	San Joaquin Valley Unified APCD	2022	LDT1	Aggregate	Aggregate	Diesel	87.61915	1165.046	1165.046	0	261.4459	1.610992838	0	0	0.222575204	0	0	0.002	0.003265	0.232639067	0	0	0.008000002	0.00932802	405.137	0	0	0.01338	0	0	0.063829	0	0	0.288057452	0	0	0	0	0	0.327934	0	0	0	0	0	0.0031	1.850768	0	0	0.003839	0	0
2022LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2022	LDT1	Aggregate	Aggregate	Plug-in Hybrid	48.27395	2512.186	1205.842	1306.344	199.6128	0.002998123	0	0.113129	0.000409841	0	0.001472	0.002	0.001331	0.000445739	0	0.001601	0.008000002	0.003802163	132.261	0	73.39468	0.000415	0	0.041862	0.000561	0	0.021151	0.001290851	0	0.167315	0.025765	0.023636	0.337669	0.001884	0	0.183189	0.025765	0.023636	0.337669	0.02016	0.216033	0	1.284424	0.001308	0	0.000726
2022LDT2Gasoline	San Joaquin Valley Unified APCD	2022	LDT2	Aggregate	Aggregate	Gasoline	597941.8	22929649	22929649	0	2768150	0.105413207	0	0.430947	0.001293906	0	0.002126	0.002	0.002822	0.001407211	0	0.002312	0.008000002	0.008064033	368.194	0	94.0966	0.003952	0	0.099696	0.007926	0	0.042325	0.016277736	0	0.481048	0.106912	0.289359	1.902764	0.023745	0	0.526687	0.106912	0.289359	1.902764	0.034438	1.133709	0	4.449007	0.00364	0	0.00093
2022LDT2Diesel	San Joaquin Valley Unified APCD	2022	LDT2	Aggregate	Aggregate	Diesel	1502.939	62787.21	62787.21	0	7139.68	0.080464854	0	0	0.009473632	0	0	0.002	0.002723	0.009901987	0	0	0.008000002	0.007781236	315.7123	0	0	0.000895	0	0	0.049741	0	0	0.019266026	0	0	0	0	0	0.021933	0	0	0	0	0	0.0031	0.149825	0	0	0.002992	0	0
2022LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2022	LDT2	Aggregate	Aggregate	Plug-in Hybrid	2522.7	127025.8	63172.71	63853.11	10431.36	0.003105623	0	0.113128	0.000546386	0	0.001897	0.002	0.001325	0.000594244	0	0.002063	0.008000002	0.003785426	137.0418	0	79.82791	0.00043	0	0.041875	0.000581	0	0.021164	0.001336799	0	0.167311	0.027637	0.026048	0.378902	0.001951	0	0.183185	0.027637	0.026048	0.378902	0.020824	0.223787	0	1.284397	0.001355	0	0.000789
2022LHDT1Gasoline	San Joaquin Valley Unified APCD	2022	LHDT1	Aggregate	Aggregate	Gasoline	63892.82	2217201	2217201	0	951907.8	0.272017712	0.039607	0.705737	0.001750369	0	0.000382	0.002	0.0273	0.001903686	0	0.000415	0.008000002	0.078000022	931.1661	122.4487	25.53997	0.012834	0.120266	0.037037	0.015005	0.00303	0.052933	0.065406367	0.453517	0.187644	0.059561	0.31857	3.588153	0.095441	0.661771	0.205446	0.059561	0.31857	3.588153	0.044813	1.484183	3.745912	2.909395	0.009206	0.001211	0.000252
2022LHDT1Diesel	San Joaquin Valley Unified APCD	2022	LHDT1	Aggregate	Aggregate	Diesel	61912.57	2221799	2221799	0	778782.3	2.434557374	2.326685	0	0.050951372	0.026715	0	0.003	0.0273	0.053255167	0.0279229	0	0.012000003	0.078000022	641.7999	137.25	0	0.010799	0.005098	0	0.101116	0.021624	0	0.23249486	0.10976	0	0	0	0	0.26468	0.124954	0	0	0	0	0.141805	0.678806	0.909745	0	0.006081	0.001301	0
2022LHDT2Gasoline	San Joaquin Valley Unified APCD	2022	LHDT2	Aggregate	Aggregate	Gasoline	10257.24	358466.6	358466.6	0	152817.5	0.214428245	0.039528	0.694958	0.001416339	0	0.000271	0.002	0.03185	0.001540398	0	0.000294	0.008000002	0.091000026	1034.52	141.2029	25.95031	0.008026	0.122187	0.03538	0.012618	0.003107	0.053082	0.037796005	0.453148	0.175718	0.049402	0.251266	2.962405	0.055152	0.661232	0.192389	0.049402	0.251266	2.962405	0.044968	1.008762	3.759229	2.93386	0.010227	0.001396	0.000257
2022LHDT2Diesel	San Joaquin Valley Unified APCD	2022	LHDT2	Aggregate	Aggregate	Diesel	22432.73	831211.1	831211.1	0	282175.5	1.905485927	2.283853	0	0.043848681	0.026403	0	0.003	0.03185	0.045831324	0.0275967	0	0.012000003	0.091000026	780.9155	219.2505	0	0.009484	0.005098	0	0.123034	0.034543	0	0.204174905	0.10976	0	0	0	0	0.23244	0.124954	0	0	0	0	0.16032	0.561653	0.909745	0	0.0074	0.002078	0
2022MCYGasoline	San Joaquin Valley Unified APCD	2022	MCY	Aggregate	Aggregate	Gasoline	72763.39	398765.6	398765.6	0	145526.8	0.686421358	0	0.173826	0.001672388	0	0.003392	0.001	0.0042	0.001781953	0	0.003594	0.004000001	0.012000003	191.2227	0	55.74393	0.194674	0	0.210507	0.044507	0	0.00994	1.34140874	0	1.591146	3.622117	3.881418	5.506398	1.57951	0	1.728968	3.622117	3.881418	5.506398	0.008507	15.82812	0	8.389466	0.00189	0	0.000551
2022MDVGasoline	San Joaquin Valley Unified APCD	2022	MDV	Aggregate	Aggregate	Gasoline	623080.3	21830055	21830055	0	2819867	0.158978914	0	0.596331	0.001331533	0	0.0023	0.002	0.002936	0.001448006	0	0.002502	0.008000002	0.008389467	450.9487	0	116.2102	0.005673	0	0.133037	0.010802	0	0.049212	0.024785001	0	0.697474	0.131029	0.367829	2.318576	0.036111	0	0.763639	0.131029	0.367829	2.318576	0.032998	1.398057	0	5.053613	0.004458	0	0.001149
2022MDVDiesel	San Joaquin Valley Unified APCD	2022	MDV	Aggregate	Aggregate	Diesel	9129.094	360159.9	360159.9	0	42945.5	0.124438925	0	0	0.007777216	0	0	0.002	0.002856	0.008128867	0	0	0.008000002	0.008161141	421.7229	0	0	0.000713	0	0	0.066443	0	0	0.015341566	0	0	0	0	0	0.017465	0	0	0	0	0	0.0031	0.239504	0	0	0.003996	0	0
2022MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2022	MDV	Aggregate	Aggregate	Plug-in Hybrid	2336.011	111062.6	57859.07	53203.54	9659.405	0.00324959	0	0.113124	0.000775173	0	0.002578	0.002	0.00132	0.000843072	0	0.002804	0.008000002	0.003771493	143.4309	0	100.719	0.000448	0	0.04182	0.000606	0	0.021113	0.001396559	0	0.167302	0.032721	0.032251	0.468543	0.002038	0	0.183174	0.032721	0.032251	0.468543	0.02188	0.234201	0	1.284299	0.001418	0	0.000996
2022MHGasoline	San Joaquin Valley Unified APCD	2022	MH	Aggregate	Aggregate	Gasoline	9448.333	81257.12	81257.12	0	945.2112	0.525397341	0	0.403329	0.001771926	0	0.000421	0.003	0.015766	0.001927132	0	0.000458	0.012000003	0.045046387	1951.115	0	31.87785	0.019716	0	0.037946	0.030195	0	0.041118	0.089741096	0	0.164647	13.87217	0.314857	5.484331	0.13095	0	0.180267	13.87217	0.314857	5.484331	0.044689	2.282646	0	3.628805	0.019289	0	0.000315
2022MHDiesel	San Joaquin Valley Unified APCD	2022	MH	Aggregate	Aggregate	Diesel	4126.504	36114.13	36114.13	0	412.6504	5.451953592	0	0	0.143370128	0	0	0.004	0.015692	0.149852689	0	0	0.016000005	0.044834136	1078.39	0	0	0.007027	0	0	0.169901	0	0	0.151284467	0	0	0	0	0	0.172227	0	0	0	0	0	0.112413	0.524422	0	0	0.010218	0	0
2022MHDTGasoline	San Joaquin Valley Unified APCD	2022	MHDT	Aggregate	Aggregate	Gasoline	4433.931	238856.2	238856.2	0	88714.09	0.745842752	0.08758	0.452915	0.001489258	0	0.000673	0.003	0.015766	0.001619704	0	0.000732	0.012000003	0.045046013	1848.689	547.9605	48.37674	0.026771	0.248691	0.05055	0.033371	0.006768	0.031391	0.139319487	0.999088	0.289877	0.051102	0.417457	4.385623	0.203295	1.457867	0.317379	0.051102	0.417457	4.385623	0.044772	3.016296	14.95883	6.368316	0.018276	0.005417	0.000478
2022MHDTDiesel	San Joaquin Valley Unified APCD	2022	MHDT	Aggregate	Aggregate	Diesel	34243.52	1642951	1642951	0	409241.1	1.660693064	15.24113	1.437541	0.017877839	0.043887	0	0.003	0.015742	0.018686196	0.0458711	0	0.012000003	0.044976693	1135.672	2300.04	0	0.002108	0.013599	0	0.178926	0.362372	0	0.045384155	0.292783	0	0	0	0	0.051666	0.333311	0	0	0	0	0.197011	0.148681	7.067075	0	0.010754	0.02178	0
2022MHDTNatural G	San Joaquin Valley Unified APCD	2022	MHDT	Aggregate	Aggregate	Natural Gas	289.1194	15801.61	15801.61	0	2215.134	0.097908546	6.936245	0	0.001392545	0.021716	0	0.003	0.016006	0.001514519	0.0236178	0	0.012000003	0.04573034	1009.64	5967.92	0	0.791844	17.61649	0	0.205822	1.2166	0	0.011313884	0.251705	0	0	0	0	0.808135	17.97892	0	0	0	0	1.06	2.951539	42.32634	0	0	0	0
2022OBUSGasoline	San Joaquin Valley Unified APCD	2022	OBUS	Aggregate	Aggregate	Gasoline	1408.601	72953.96	72953.96	0	28183.3	0.748676772	0.064725	0.419095	0.000929934	0	0.000304	0.003	0.015705	0.001011388	0	0.00033	0.012000003	0.044872099	1821.496	386.145	32.74925	0.022015	0.193085	0.038204	0.033878	0.005085	0.030538	0.109868202	0.741253	0.204924	0.04186	0.186841	3.585563	0.160319	1.081635	0.224366	0.04186	0.186841	3.585563	0.044845	2.492452	5.74438	4.399611	0.018007	0.003817	0.000324
2022OBUSDiesel	San Joaquin Valley Unified APCD	2022	OBUS	Aggregate	Aggregate	Diesel	679.1685	53223.5	53223.5	0	8719.218	2.494844619	18.02644	1.546896	0.048544979	0.024529	0	0.003	0.021303	0.050739968	0.0256379	0	0.012000003	0.060865506	1470.967	3481.344	0	0.005214	0.056172	0	0.231751	0.548487	0	0.1122551	1.209367	0	0	0	0	0.127794	1.376772	0	0	0	0	0.200055	0.324689	17.0736	0	0.013929	0.032966	0
2022OBUSNatural Ga	San Joaquin Valley Unified APCD	2022	OBUS	Aggregate	Aggregate	Natural Gas	10.37968	620.6077	620.6077	0	92.37915	0.139963828	1.502232	0	0.001305109	0.004738	0	0.003	0.016148	0.001419425	0.0051534	0	0.012000003	0.046137304	1068.771	1325.551	0	0.817918	3.802519	0	0.217876	0.270222	0	0.011686438	0.05433	0	0	0	0	0.834746	3.880749	0	0	0	0	1.06	3.33009	9.245137	0	0	0	0
2022SBUSGasoline	San Joaquin Valley Unified APCD	2022	SBUS	Aggregate	Aggregate	Gasoline	1102.092	66169.72	66169.72	0	4408.37	0.56356531	0.919898	0.693806	0.001096006	0	0.00057	0.002	0.015721	0.001192006	0	0.00062	0.008000002	0.044917136	827.8863	2636.097	59.09913	0.013823	2.493889	0.073364	0.029831	0.086896	0.064504	0.066524056	10.54403	0.409906	0.14724	0.364599	2.298568	0.097072	15.38583	0.448796	0.14724	0.364599	2.298568	0.045	1.602542	81.65014	10.50076	0.008184	0.02606	0.000584
2022SBUSDiesel	San Joaquin Valley Unified APCD	2022	SBUS	Aggregate	Aggregate	Diesel	3916.395	88613.23	88613.23	0	56709.39	5.140588705	24.68529	0.443759	0.027838849	0.028927	0	0.003	0.015721	0.029097599	0.0302354	0	0.012000003	0.044917136	1148.7	2269.797	0	0.003364	0.008403	0	0.180978	0.357607	0	0.072433026	0.18091	0	0	0	0	0.082459	0.205953	0	0	0	0	0.127673	0.217774	4.10677	0	0.010877	0.021494	0
2022SBUSNatural Ga	San Joaquin Valley Unified APCD	2022	SBUS	Aggregate	Aggregate	Natural Gas	670.7724	17249.47	17249.47	0	9712.785	0.406171884	5.185568	0	0.003378346	0.013393	0	0.003	0.015721	0.00367426	0.0145656	0	0.012000003	0.044917136	1223.397	4255.93	0	2.98597	14.20315	0	0.249398	0.867599	0	0.042663624	0.202935	0	0	0	0	3.047402	14.49535	0	0	0	0	1.06	9.528053	25.33582	0	0	0	0
2022UBUSGasoline	San Joaquin Valley Unified APCD	2022	UBUS	Aggregate	Aggregate	Gasoline	315.7592	21587.45	21587.45	0	1263.037	0.205662597	0	0.923986	0.000997664	0	0.000699	0.002855	0.037537	0.00108505	0	0.00076	0.011420481	0.107247298	1695.709	0	107.0705	0.003654	0	0.123489	0.018533	0	0.084476	0.011926491	0	0.53023	0.051617	0.101165	0.708093	0.017403	0	0.580535	0.051617	0.101165	0.708093	0.045	0.334011	0	9.397589	0.016764	0	0.001059
2022UBUSDiesel	San Joaquin Valley Unified APCD	2022	UBUS	Aggregate	Aggregate	Diesel	231.9104	22048.16	22048.16	0	927.6415	0.545116081	0	0	0.005162018	0	0	0.006227	0.038446	0.005395422	0	0	0.02490653	0.109846776	1122.812	0	0	0.00299	0	0	0.1769	0	0	0.064372902	0	0	0	0	0	0.073284	0	0	0	0	0	0.203393	0.071176	0	0	0.010639	0	0
2022UBUSNatural Ga	San Joaquin Valley Unified APCD	2022	UBUS	Aggregate	Aggregate	Natural Gas	549.6064	58849.31	58849.31	0	2198.426	0.314939273	0	0	0.000997454	0	0	0.006594	0.038177	0.001042554	0	0	0.026375615	0.109078141	1250.612	0	0	1.557974	0	0	0.254945	0	0	0.027077316	0	0	0	0	0	1.595286	0	0	0	0	0	0.97	21.22249	0	0	0	0	0
2023HHDTGasoline	San Joaquin Valley Unified APCD	2023	HHDT	Aggregate	Aggregate	Gasoline	23.41149	891.8555	891.8555	0	468.4171	13.70417873	0	1.615899	0.006506936	0	0.002458	0.005	0.036984	0.007076887	0	0.002673	0.020000006	0.105668181	2678.177	0	51.90536	0.527633	0	5.07E-05	0.315635	0	0.029898	3.408995973	0	0.000275	0.152207	1.359542	11.90705	4.974399	0	0.000301	0.152207	1.359542	11.90705	0.034662	170.6144	0	1.98246	0.026477	0	0.000513
2023HHDTDiesel	San Joaquin Valley Unified APCD	2023	HHDT	Aggregate	Aggregate	Diesel	72831.7	10889473	10889473	0	1267044	1.73852636	83.49353	2.787709	0.028270464	0.034659	0	0.008924	0.026697	0.029548729	0.0362266	0	0.035694621	0.076277056	1592.736	16468.73	0	0.000695	0.322924	0	0.250936	2.594656	0	0.014955207	6.952474	0	0	0	0	0.017025	7.914863	0	0	0	0	0.218344	0.073525	101.885	0	0.015082	0.155949	0
2023HHDTNatural Ga	San Joaquin Valley Unified APCD	2023	HHDT	Aggregate	Aggregate	Natural Gas	1473.652	98192.52	98192.52	0	12750.41	1.391892318	12.4028	0	0.003053717	0.025082	0	0.009	0.045935	0.003321196	0.027279	0	0.03600001	0.131242352	1447.511	10278.16	0	2.217893	32.99758	0	0.295085	2.09527	0	0.076989275	0.552699	0	0	0	0	2.315134	33.769	0	0	0	0	0.875835	11.9221	70.37856	0	0	0	0
2023LDAGasoline	San Joaquin Valley Unified APCD	2023	LDA	Aggregate	Aggregate	Gasoline	1395100	55196015	55196015	0	6458667	0.046379385	0	0.269971	0.001188714	0	0.002003	0.002	0.002474	0.001292822	0	0.002179	0.008000002	0.007069741	289.0991	0	72.01707	0.002565	0	0.075676	0.004984	0	0.034238	0.009863984	0	0.347331	0.099427	0.251376	1.688653	0.014389	0	0.380282	0.099427	0.251376	1.688653	0.033454	0.8353	0	3.356322	0.002858	0	0.000712
2023LDADiesel	San Joaquin Valley Unified APCD	2023	LDA	Aggregate	Aggregate	Diesel	3814.717	121003.3	121003.3	0	16243.54	0.260300136	0	0	0.018126578	0	0	0.002	0.002517	0.018946182	0	0	0.008000002	0.007190859	233.568	0	0	0.001395	0	0	0.036799	0	0	0.030041857	0	0	0	0	0	0.034201	0	0	0	0	0	0.0031	0.349584	0	0	0.002213	0	0
2023LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2023	LDA	Aggregate	Aggregate	Plug-in Hybrid	32652.91	1560860	795260.5	765599.5	135019.8	0.003194699	0	0.113167	0.000638453	0	0.002133	0.002	0.001331	0.000694376	0	0.002319	0.008000002	0.003801882	140.7546	0	66.4451	0.000442	0	0.041745	0.000594	0	0.021017	0.001378244	0	0.167434	0.042955	0.037786	0.531655	0.002011	0	0.183319	0.042955	0.037786	0.531655	0.019514	0.230031	0	1.285414	0.001392	0	0.000657
2023LDT1Gasoline	San Joaquin Valley Unified APCD	2023	LDT1	Aggregate	Aggregate	Gasoline	136717.7	4409042	4409042	0	585672.2	0.211003238	0	0.528593	0.002139339	0	0.003572	0.002	0.002969	0.002326607	0	0.003885	0.008000002	0.008483737	347.1078	0	94.16509	0.010004	0	0.146023	0.014215	0	0.045395	0.045499461	0	0.794978	0.260833	0.78984	4.568543	0.066376	0	0.870399	0.260833	0.78984	4.568543	0.037864	2.213781	0	7.528777	0.003432	0	0.000931
2023LDT1Diesel	San Joaquin Valley Unified APCD	2023	LDT1	Aggregate	Aggregate	Diesel	78.3857	1025.262	1025.262	0	229.5169	1.606729335	0	0	0.221951763	0	0	0.002	0.003261	0.231987436	0	0	0.008000002	0.009318489	405.13	0	0	0.01334	0	0	0.063828	0	0	0.287209285	0	0	0	0	0	0.326969	0	0	0	0	0	0.0031	1.8438	0	0	0.003839	0	0
2023LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2023	LDT1	Aggregate	Aggregate	Plug-in Hybrid	87.80987	4586.576	2119.128	2467.448	363.0938	0.002886672	0	0.113131	0.000377866	0	0.00141	0.002	0.00134	0.000410964	0	0.001533	0.008000002	0.003827812	127.3421	0	72.33375	0.000398	0	0.04169	0.000536	0	0.020986	0.001243088	0	0.167319	0.025172	0.022218	0.319254	0.001814	0	0.183194	0.025172	0.022218	0.319254	0.019405	0.208038	0	1.28446	0.001259	0	0.000715
2023LDT2Gasoline	San Joaquin Valley Unified APCD	2023	LDT2	Aggregate	Aggregate	Gasoline	612454.1	23906660	23906660	0	2837642	0.091309039	0	0.394835	0.001241939	0	0.002052	0.002	0.002819	0.001350709	0	0.002232	0.008000002	0.008053541	360.5515	0	91.7954	0.003531	0	0.093523	0.007176	0	0.040492	0.014287541	0	0.444533	0.10218	0.27819	1.840045	0.020846	0	0.486707	0.10218	0.27819	1.840045	0.035295	1.039855	0	4.146337	0.003564	0	0.000907
2023LDT2Diesel	San Joaquin Valley Unified APCD	2023	LDT2	Aggregate	Aggregate	Diesel	1624.601	68860.17	68860.17	0	7731.44	0.068141283	0	0	0.007863884	0	0	0.002	0.002733	0.008219454	0	0	0.008000002	0.007807345	310.5936	0	0	0.000792	0	0	0.048934	0	0	0.017053941	0	0	0	0	0	0.019415	0	0	0	0	0	0.0031	0.14139	0	0	0.002943	0	0
2023LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2023	LDT2	Aggregate	Aggregate	Plug-in Hybrid	3497.357	176206.8	84804.77	91402.08	14461.57	0.003006643	0	0.113131	0.000487259	0	0.001744	0.002	0.001333	0.000529939	0	0.001897	0.008000002	0.003809322	132.64	0	78.8347	0.000415	0	0.041714	0.000558	0	0.021009	0.00129455	0	0.167319	0.026912	0.024925	0.359629	0.001889	0	0.183193	0.026912	0.024925	0.359629	0.02017	0.216688	0	1.284459	0.001311	0	0.000779
2023LHDT1Gasoline	San Joaquin Valley Unified APCD	2023	LHDT1	Aggregate	Aggregate	Gasoline	62468.34	2208967	2208967	0	930685.1	0.245386579	0.038797	0.693451	0.001674055	0	0.000356	0.002	0.0273	0.001820687	0	0.000387	0.008000002	0.078000022	914.2902	121.6311	25.5732	0.011632	0.118653	0.035831	0.013593	0.00302	0.05266	0.059133225	0.444334	0.180436	0.057969	0.315625	3.56967	0.086287	0.648371	0.197554	0.057969	0.315625	3.56967	0.044835	1.39733	3.748889	2.937857	0.009039	0.001202	0.000253
2023LHDT1Diesel	San Joaquin Valley Unified APCD	2023	LHDT1	Aggregate	Aggregate	Diesel	60487.08	2168577	2168577	0	760851.4	2.301209456	2.280016	0	0.049498417	0.0266	0	0.003	0.0273	0.051736516	0.027803	0	0.012000003	0.078000022	640.3851	136.4846	0	0.0105	0.005098	0	0.100893	0.021503	0	0.22604849	0.10976	0	0	0	0	0.257341	0.124954	0	0	0	0	0.146394	0.657676	0.909745	0	0.006068	0.001293	0
2023LHDT2Gasoline	San Joaquin Valley Unified APCD	2023	LHDT2	Aggregate	Aggregate	Gasoline	9975.236	349724.2	349724.2	0	148616.2	0.19784778	0.038848	0.686911	0.001363046	0	0.000251	0.002	0.03185	0.001482437	0	0.000273	0.008000002	0.091000026	1022.67	140.54	25.81387	0.0072	0.120543	0.034507	0.011755	0.003079	0.052687	0.03355902	0.44544	0.170594	0.048865	0.251745	2.989803	0.048969	0.649985	0.186779	0.048865	0.251745	2.989803	0.044975	0.94486	3.761927	2.92735	0.01011	0.001389	0.000255
2023LHDT2Diesel	San Joaquin Valley Unified APCD	2023	LHDT2	Aggregate	Aggregate	Diesel	22268.92	823418.6	823418.6	0	280115	1.799923979	2.228959	0	0.042834332	0.026416	0	0.003	0.03185	0.044771111	0.0276099	0	0.012000003	0.091000026	776.7448	217.8831	0	0.009246	0.005098	0	0.122376	0.034328	0	0.199069852	0.10976	0	0	0	0	0.226628	0.124954	0	0	0	0	0.164208	0.546879	0.909745	0	0.00736	0.002065	0
2023MCYGasoline	San Joaquin Valley Unified APCD	2023	MCY	Aggregate	Aggregate	Gasoline	72445.15	399449.8	399449.8	0	144890.3	0.665935654	0	0.167199	0.001669028	0	0.003249	0.001	0.0042	0.001779985	0	0.003446	0.004000001	0.012000003	190.4279	0	54.54391	0.188398	0	0.205279	0.043625	0	0.009597	1.286964178	0	1.546334	3.623782	3.906851	5.53521	1.520609	0	1.68042	3.623782	3.906851	5.53521	0.008566	15.24759	0	8.335391	0.001883	0	0.000539
2023MDVGasoline	San Joaquin Valley Unified APCD	2023	MDV	Aggregate	Aggregate	Gasoline	613487.5	21709233	21709233	0	2771142	0.140724165	0	0.552122	0.001283263	0	0.002207	0.002	0.002939	0.001395569	0	0.0024	0.008000002	0.008397421	444.1051	0	114.1702	0.0051	0	0.125025	0.009856	0	0.047205	0.021991395	0	0.647284	0.129831	0.372062	2.347716	0.032055	0	0.708691	0.129831	0.372062	2.347716	0.033622	1.290813	0	4.742536	0.00439	0	0.001129
2023MDVDiesel	San Joaquin Valley Unified APCD	2023	MDV	Aggregate	Aggregate	Diesel	9149.707	356718.6	356718.6	0	42711.2	0.11376136	0	0	0.0074553	0	0	0.002	0.00289	0.007792396	0	0	0.008000002	0.008256915	418.6811	0	0	0.000689	0	0	0.065963	0	0	0.014833006	0	0	0	0	0	0.016886	0	0	0	0	0	0.0031	0.237846	0	0	0.003967	0	0
2023MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2023	MDV	Aggregate	Aggregate	Plug-in Hybrid	2781.107	132110	66945.52	65164.51	11499.88	0.00316188	0	0.113126	0.000696668	0	0.002381	0.002	0.001327	0.00075769	0	0.00259	0.008000002	0.003791405	139.5539	0	99.45985	0.000435	0	0.041677	0.000586	0	0.020976	0.001359246	0	0.167308	0.032577	0.030844	0.444868	0.001983	0	0.183181	0.032577	0.030844	0.444868	0.021283	0.227916	0	1.284353	0.00138	0	0.000983
2023MHGasoline	San Joaquin Valley Unified APCD	2023	MH	Aggregate	Aggregate	Gasoline	8884.712	77361.88	77361.88	0	888.8266	0.47744173	0	0.412125	0.001677646	0	0.000397	0.003	0.015766	0.001824593	0	0.000431	0.012000003	0.045046386	1950.432	0	31.67692	0.017323	0	0.037585	0.028282	0	0.042582	0.077076813	0	0.160875	13.31791	0.3045	5.374713	0.11247	0	0.176138	13.31791	0.3045	5.374713	0.044795	1.886701	0	3.510151	0.019282	0	0.000313
2023MHDiesel	San Joaquin Valley Unified APCD	2023	MH	Aggregate	Aggregate	Diesel	4088.541	35780.87	35780.87	0	408.8541	5.333216266	0	0	0.139381528	0	0	0.004	0.015692	0.145683742	0	0	0.016000005	0.044834154	1078.766	0	0	0.006966	0	0	0.16996	0	0	0.149972531	0	0	0	0	0	0.170734	0	0	0	0	0	0.116737	0.518543	0	0	0.010222	0	0
2023MHDTGasoline	San Joaquin Valley Unified APCD	2023	MHDT	Aggregate	Aggregate	Gasoline	4256.216	236743.4	236743.4	0	85158.38	0.624428101	0.087885	0.447839	0.001415028	0	0.000613	0.003	0.015766	0.001538972	0	0.000667	0.012000003	0.045046027	1826.236	543.8848	47.60781	0.021842	0.25372	0.049583	0.028949	0.007028	0.032005	0.112027326	1.003681	0.280439	0.046595	0.377771	4.039315	0.16347	1.464599	0.307046	0.046595	0.377771	4.039315	0.044867	2.414731	15.01191	6.092666	0.018054	0.005377	0.000471
2023MHDTDiesel	San Joaquin Valley Unified APCD	2023	MHDT	Aggregate	Aggregate	Diesel	34826.73	1675107	1675107	0	416954.3	1.234009113	13.36117	1.596655	0.014209921	0.035875	0	0.003	0.015741	0.01485243	0.0374974	0	0.012000003	0.044974797	1128.661	2229.172	0	0.0014	0.012297	0	0.177821	0.351207	0	0.030144784	0.264744	0	0	0	0	0.034318	0.301391	0	0	0	0	0.210834	0.112511	7.428438	0	0.010688	0.021109	0
2023MHDTNatural G	San Joaquin Valley Unified APCD	2023	MHDT	Aggregate	Aggregate	Natural Gas	338.0771	18285.17	18285.17	0	2659.51	0.090933786	6.836616	0	0.001415106	0.022002	0	0.003	0.015991	0.001539057	0.0239292	0	0.012000003	0.045689063	1002.637	5918.74	0	0.788985	17.14602	0	0.204394	1.206574	0	0.011273033	0.244983	0	0	0	0	0.805217	17.49877	0	0	0	0	1.06	2.938251	43.04607	0	0	0	0
2023OBUSGasoline	San Joaquin Valley Unified APCD	2023	OBUS	Aggregate	Aggregate	Gasoline	1352.529	69170.74	69170.74	0	27061.41	0.704345315	0.064754	0.417592	0.000945414	0	0.000301	0.003	0.015705	0.001028224	0	0.000327	0.012000003	0.044872153	1806.063	384.5014	32.55965	0.020557	0.193553	0.037956	0.032079	0.005118	0.030579	0.102629112	0.741702	0.203745	0.042778	0.196455	3.769166	0.149756	1.082289	0.223075	0.042778	0.196455	3.769166	0.044863	2.305417	5.747071	4.352373	0.017855	0.003801	0.000322
2023OBUSDiesel	San Joaquin Valley Unified APCD	2023	OBUS	Aggregate	Aggregate	Diesel	678.8966	53506.74	53506.74	0	8737.652	2.163681137	16.3638	1.677003	0.047669491	0.023114	0	0.003	0.021137	0.049824894	0.0241587	0	0.012000003	0.060390807	1472.888	3422.032	0	0.004686	0.056359	0	0.232054	0.539143	0	0.100892389	1.213389	0	0	0	0	0.114858	1.381351	0	0	0	0	0.209914	0.297792	18.19522	0	0.013947	0.032405	0
2023OBUSNatural Ga	San Joaquin Valley Unified APCD	2023	OBUS	Aggregate	Aggregate	Natural Gas	11.55001	694.2735	694.2735	0	102.7951	0.15505989	1.509291	0	0.001233439	0.00457	0	0.003	0.016148	0.001341477	0.0049703	0	0.012000003	0.046137304	1065.275	1310.247	0	0.809689	3.889672	0	0.217163	0.267102	0	0.011568862	0.055576	0	0	0	0	0.826347	3.969696	0	0	0	0	1.06	3.30792	8.86551	0	0	0	0
2023SBUSGasoline	San Joaquin Valley Unified APCD	2023	SBUS	Aggregate	Aggregate	Gasoline	1100.69	66956.43	66956.43	0	4402.759	0.541342236	0.921174	0.711914	0.000996072	0	0.000532	0.002	0.015721	0.00108332	0	0.000578	0.008000002	0.044917136	825.6756	2630.563	58.73356	0.012613	2.506829	0.073185	0.028898	0.087	0.066392	0.060692619	10.56324	0.407434	0.145967	0.359192	2.322367	0.088563	15.41386	0.446089	0.145967	0.359192	2.322367	0.045	1.434158	81.76557	10.33658	0.008163	0.026006	0.000581
2023SBUSDiesel	San Joaquin Valley Unified APCD	2023	SBUS	Aggregate	Aggregate	Diesel	3912.455	88046.02	88046.02	0	56652.35	4.850295144	24.13336	0.464998	0.025787452	0.02621	0	0.003	0.015721	0.026953447	0.0273954	0	0.012000003	0.044917136	1143.39	2262.799	0	0.003214	0.008193	0	0.180142	0.356505	0	0.069191875	0.176395	0	0	0	0	0.07877	0.200812	0	0	0	0	0.132653	0.210177	4.219858	0	0.010827	0.021427	0
2023SBUSNatural Ga	San Joaquin Valley Unified APCD	2023	SBUS	Aggregate	Aggregate	Natural Gas	698.3166	17790.29	17790.29	0	10111.62	0.392811126	5.176642	0	0.003378346	0.013605	0	0.003	0.015721	0.00367426	0.0147972	0	0.012000003	0.044917136	1214.849	4256.721	0	2.949378	14.09294	0	0.247655	0.86776	0	0.042140788	0.20136	0	0	0	0	3.010056	14.38288	0	0	0	0	1.06	9.355852	25.81587	0	0	0	0
2023UBUSGasoline	San Joaquin Valley Unified APCD	2023	UBUS	Aggregate	Aggregate	Gasoline	319.628	21864.16	21864.16	0	1278.512	0.207497212	0	0.927123	0.001067731	0	0.000745	0.002854	0.037532	0.001161255	0	0.000811	0.011417496	0.10723312	1692.657	0	106.9711	0.003631	0	0.124161	0.018607	0	0.084425	0.011853761	0	0.533826	0.052713	0.104457	0.704262	0.017297	0	0.584473	0.052713	0.104457	0.704262	0.045	0.335777	0	9.385489	0.016734	0	0.001058
2023UBUSDiesel	San Joaquin Valley Unified APCD	2023	UBUS	Aggregate	Aggregate	Diesel	231.5757	22293.91	22293.91	0	926.3026	0.432259351	0	0	0.005081647	0	0	0.006063	0.038389	0.005311416	0	0	0.024597286	0.109835477	1104.767	0	0	0.002778	0	0	0.174056	0	0	0.059819904	0	0	0	0	0	0.0681	0	0	0	0	0	0.207307	0.065318	0	0	0.010468	0	0
2023UBUSNatural Ga	San Joaquin Valley Unified APCD	2023	UBUS	Aggregate	Aggregate	Natural Gas	561.0956	59753.23	59753.23	0	2244.382	0.30642366	0	0	0.001063592	0	0	0.006627	0.038175	0.001111683	0	0	0.026509415	0.109072564	1241.438	0	0	1.65082	0	0	0.253075	0	0	0.028513223	0	0	0	0	0	1.690161	0	0	0	0	0	0.97	22.06585	0	0	0	0	0
2024HHDTGasoline	San Joaquin Valley Unified APCD	2024	HHDT	Aggregate	Aggregate	Gasoline	14.26924	705.1752	705.1752	0	285.4989	14.0551626	0	1.731074	0.004702482	0	0.002129	0.005	0.035573	0.005114379	0	0.002315	0.020000006	0.101636075	2526.627	0	52.87021	0.446377	0	7.11E-05	0.329857	0	0.032584	2.883276604	0	0.000386	0.138126	1.229664	10.8779	4.20727	0	0.000423	0.138126	1.229664	10.8779	0.038989	118.8786	0	2.80013	0.024978	0	0.000523
2024HHDTDiesel	San Joaquin Valley Unified APCD	2024	HHDT	Aggregate	Aggregate	Diesel	75540.43	11080188	11080188	0	1311827	1.676354695	82.76262	2.830392	0.027923611	0.033452	0	0.008924	0.026679	0.029186203	0.0349646	0	0.035696327	0.076226965	1569.978	16067.33	0	0.000668	0.320654	0	0.247351	2.531414	0	0.014373756	6.903592	0	0	0	0	0.016363	7.859214	0	0	0	0	0.218508	0.068756	101.2956	0	0.014867	0.152148	0
2024HHDTNatural Ga	San Joaquin Valley Unified APCD	2024	HHDT	Aggregate	Aggregate	Natural Gas	1559.052	101623.5	101623.5	0	13418.38	1.265093674	12.0587	0	0.002877733	0.025748	0	0.009	0.046655	0.003129797	0.0280032	0	0.03600001	0.133014897	1428.375	10210.14	0	2.095658	31.87122	0	0.291184	2.081404	0	0.069793236	0.525278	0	0	0	0	2.184176	32.60655	0	0	0	0	0.869349	11.52067	71.1546	0	0	0	0
2024LDAGasoline	San Joaquin Valley Unified APCD	2024	LDA	Aggregate	Aggregate	Gasoline	1396041	55651026	55651026	0	6460217	0.041386875	0	0.256774	0.001149358	0	0.001939	0.002	0.002492	0.001250032	0	0.002109	0.008000002	0.007119645	284.1685	0	70.62478	0.002304	0	0.071506	0.004673	0	0.033433	0.008655951	0	0.323514	0.095245	0.241727	1.62466	0.012631	0	0.354207	0.095245	0.241727	1.62466	0.034381	0.784183	0	3.159976	0.002809	0	0.000698
2024LDADiesel	San Joaquin Valley Unified APCD	2024	LDA	Aggregate	Aggregate	Diesel	3574.545	112885	112885	0	15178.67	0.228915447	0	0	0.015791372	0	0	0.002	0.002543	0.016505388	0	0	0.008000002	0.007264575	231.0543	0	0	0.001234	0	0	0.036403	0	0	0.026568704	0	0	0	0	0	0.030247	0	0	0	0	0	0.0031	0.332394	0	0	0.002189	0	0
2024LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2024	LDA	Aggregate	Aggregate	Plug-in Hybrid	36607.58	1746090	868897.7	877192.4	151372.3	0.003124002	0	0.113168	0.00059164	0	0.002032	0.002	0.00134	0.000643462	0	0.00221	0.008000002	0.003828249	137.6308	0	65.70565	0.000431	0	0.041616	0.000578	0	0.020891	0.001347962	0	0.167438	0.043152	0.039085	0.528106	0.001967	0	0.183323	0.043152	0.039085	0.528106	0.019342	0.225027	0	1.285444	0.001361	0	0.00065
2024LDT1Gasoline	San Joaquin Valley Unified APCD	2024	LDT1	Aggregate	Aggregate	Gasoline	132550	4330432	4330432	0	568365.8	0.187409108	0	0.496	0.001979601	0	0.003337	0.002	0.00298	0.002152951	0	0.00363	0.008000002	0.008514512	341.4613	0	92.00773	0.008861	0	0.136151	0.012888	0	0.043897	0.040026782	0	0.733584	0.245924	0.735379	4.312398	0.058401	0	0.803181	0.245924	0.735379	4.312398	0.037838	2.009191	0	6.959612	0.003376	0	0.00091
2024LDT1Diesel	San Joaquin Valley Unified APCD	2024	LDT1	Aggregate	Aggregate	Diesel	70.1202	897.8907	897.8907	0	201.4517	1.598575186	0	0	0.220626922	0	0	0.002	0.003271	0.230602692	0	0	0.008000002	0.009346335	404.383	0	0	0.013253	0	0	0.063711	0	0	0.285320705	0	0	0	0	0	0.324819	0	0	0	0	0	0.0031	1.829931	0	0	0.003832	0	0
2024LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2024	LDT1	Aggregate	Aggregate	Plug-in Hybrid	139.537	7264.022	3254.795	4009.227	576.9855	0.002803729	0	0.113132	0.000358347	0	0.001381	0.002	0.00135	0.000389735	0	0.001502	0.008000002	0.00385669	123.6643	0	71.32586	0.000385	0	0.041519	0.000516	0	0.020821	0.001207981	0	0.167323	0.024714	0.021378	0.311274	0.001763	0	0.183198	0.024714	0.021378	0.311274	0.018819	0.202146	0	1.284493	0.001223	0	0.000705
2024LDT2Gasoline	San Joaquin Valley Unified APCD	2024	LDT2	Aggregate	Aggregate	Gasoline	627210.9	24738370	24738370	0	2907658	0.079842977	0	0.364594	0.001195417	0	0.00199	0.002	0.002834	0.001300122	0	0.002164	0.008000002	0.008097482	352.9212	0	89.60748	0.003171	0	0.087785	0.006565	0	0.038873	0.012610877	0	0.411655	0.097068	0.267149	1.773596	0.018401	0	0.45071	0.097068	0.267149	1.773596	0.036112	0.962839	0	3.875598	0.003489	0	0.000886
2024LDT2Diesel	San Joaquin Valley Unified APCD	2024	LDT2	Aggregate	Aggregate	Diesel	1735.202	74255.91	74255.91	0	8281.607	0.055791112	0	0	0.006010759	0	0	0.002	0.002759	0.006282539	0	0	0.008000002	0.007883737	304.9587	0	0	0.000671	0	0	0.048046	0	0	0.014452782	0	0	0	0	0	0.016454	0	0	0	0	0	0.0031	0.132157	0	0	0.00289	0	0
2024LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2024	LDT2	Aggregate	Aggregate	Plug-in Hybrid	4455.774	222629.2	104391.8	118237.4	18424.63	0.002934044	0	0.113133	0.000450716	0	0.001657	0.002	0.001343	0.000490195	0	0.001802	0.008000002	0.003837526	129.4136	0	77.97026	0.000403	0	0.041541	0.000541	0	0.020842	0.00126401	0	0.167325	0.026526	0.02412	0.34849	0.001844	0	0.1832	0.026526	0.02412	0.34849	0.019661	0.211541	0	1.284509	0.001279	0	0.000771
2024LHDT1Gasoline	San Joaquin Valley Unified APCD	2024	LHDT1	Aggregate	Aggregate	Gasoline	61035.21	2183998	2183998	0	909333.6	0.220896025	0.037967	0.679777	0.001605866	0	0.000331	0.002	0.0273	0.001746526	0	0.00036	0.008000002	0.078000022	898.2224	120.7678	25.60695	0.010448	0.116883	0.034672	0.01228	0.003004	0.052239	0.052859885	0.4349	0.173706	0.055623	0.308031	3.493597	0.077133	0.634606	0.190187	0.055623	0.308031	3.493597	0.044866	1.309885	3.751749	2.974358	0.00888	0.001194	0.000253
2024LHDT1Diesel	San Joaquin Valley Unified APCD	2024	LHDT1	Aggregate	Aggregate	Diesel	58964.2	2101669	2101669	0	741695.4	2.168502081	2.232683	0	0.047950047	0.026489	0	0.003	0.0273	0.050118136	0.0276868	0	0.012000003	0.078000022	638.9941	135.6922	0	0.010175	0.005098	0	0.100674	0.021378	0	0.219066129	0.10976	0	0	0	0	0.249392	0.124954	0	0	0	0	0.150977	0.635051	0.909745	0	0.006055	0.001286	0
2024LHDT2Gasoline	San Joaquin Valley Unified APCD	2024	LHDT2	Aggregate	Aggregate	Gasoline	9690.582	338996.5	338996.5	0	144375.2	0.18263696	0.038162	0.677706	0.001320109	0	0.000234	0.002	0.03185	0.001435739	0	0.000255	0.008000002	0.091000026	1010.879	139.8465	25.67934	0.006514	0.11876	0.033653	0.010947	0.003044	0.052189	0.030098193	0.437657	0.165708	0.047886	0.251129	2.995844	0.043919	0.638627	0.181429	0.047886	0.251129	2.995844	0.044978	0.896037	3.764265	2.928509	0.009994	0.001383	0.000254
2024LHDT2Diesel	San Joaquin Valley Unified APCD	2024	LHDT2	Aggregate	Aggregate	Diesel	22034.05	808649.5	808649.5	0	277160.7	1.699714147	2.175059	0	0.041746212	0.026443	0	0.003	0.03185	0.04363379	0.0276384	0	0.012000003	0.091000026	772.6507	216.5058	0	0.008992	0.005098	0	0.121731	0.034111	0	0.193600749	0.10976	0	0	0	0	0.220402	0.124954	0	0	0	0	0.167911	0.531434	0.909745	0	0.007321	0.002052	0
2024MCYGasoline	San Joaquin Valley Unified APCD	2024	MCY	Aggregate	Aggregate	Gasoline	72131.46	397968.8	397968.8	0	144262.9	0.646857894	0	0.160842	0.001662848	0	0.003105	0.001	0.0042	0.001774909	0	0.003297	0.004000001	0.012000003	189.5304	0	53.39434	0.182375	0	0.200243	0.042804	0	0.009268	1.235024032	0	1.503247	3.624353	3.925303	5.529959	1.464298	0	1.633739	3.624353	3.925303	5.529959	0.008623	14.70029	0	8.284891	0.001874	0	0.000528
2024MDVGasoline	San Joaquin Valley Unified APCD	2024	MDV	Aggregate	Aggregate	Gasoline	603341.8	21447403	21447403	0	2720908	0.12394641	0	0.510095	0.0012347	0	0.002118	0.002	0.002958	0.001342814	0	0.002304	0.008000002	0.008451737	436.6452	0	112.0817	0.004559	0	0.117142	0.008986	0	0.045241	0.019371929	0	0.598806	0.127092	0.372009	2.349041	0.028254	0	0.655616	0.127092	0.372009	2.349041	0.034261	1.19149	0	4.445652	0.004317	0	0.001108
2024MDVDiesel	San Joaquin Valley Unified APCD	2024	MDV	Aggregate	Aggregate	Diesel	9136.288	349976.2	349976.2	0	42317.49	0.104419313	0	0	0.007182839	0	0	0.002	0.002937	0.007507615	0	0	0.008000002	0.008390589	414.7268	0	0	0.000667	0	0	0.06534	0	0	0.014349837	0	0	0	0	0	0.016336	0	0	0	0	0	0.0031	0.235421	0	0	0.00393	0	0
2024MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2024	MDV	Aggregate	Aggregate	Plug-in Hybrid	3361.83	159556.9	78208.5	81348.4	13901.17	0.003063132	0	0.113128	0.000619335	0	0.002191	0.002	0.001338	0.000673584	0	0.002383	0.008000002	0.003821934	135.1705	0	97.92195	0.00042	0	0.041505	0.000563	0	0.020809	0.001317603	0	0.167313	0.033749	0.029653	0.424571	0.001923	0	0.183187	0.033749	0.029653	0.424571	0.020587	0.220883	0	1.284403	0.001336	0	0.000968
2024MHGasoline	San Joaquin Valley Unified APCD	2024	MH	Aggregate	Aggregate	Gasoline	8368.221	73441.61	73441.61	0	837.1568	0.437647529	0	0.421307	0.001605556	0	0.000378	0.003	0.015766	0.001746188	0	0.000412	0.012000003	0.045046384	1949.929	0	31.50442	0.015472	0	0.037225	0.026665	0	0.044025	0.067472907	0	0.157366	12.84883	0.297897	5.317663	0.098456	0	0.172296	12.84883	0.297897	5.317663	0.044863	1.595738	0	3.408863	0.019277	0	0.000311
2024MHDiesel	San Joaquin Valley Unified APCD	2024	MH	Aggregate	Aggregate	Diesel	4046.861	35285.49	35285.49	0	404.6861	5.213949391	0	0	0.135246957	0	0	0.004	0.015692	0.141362224	0	0	0.016000005	0.044834167	1079.141	0	0	0.006894	0	0	0.170019	0	0	0.148432881	0	0	0	0	0	0.168981	0	0	0	0	0	0.121017	0.511844	0	0	0.010225	0	0
2024MHDTGasoline	San Joaquin Valley Unified APCD	2024	MHDT	Aggregate	Aggregate	Gasoline	4102.384	232785.3	232785.3	0	82080.5	0.530561253	0.088134	0.435888	0.001367316	0	0.000568	0.003	0.015766	0.001487081	0	0.000618	0.012000003	0.045046042	1805.047	539.8025	46.86949	0.018111	0.257757	0.048385	0.025469	0.007247	0.032214	0.091615378	1.00743	0.270032	0.042535	0.343317	3.722139	0.133685	1.47004	0.295651	0.042535	0.343317	3.722139	0.044924	1.956587	15.05528	5.837792	0.017845	0.005336	0.000463
2024MHDTDiesel	San Joaquin Valley Unified APCD	2024	MHDT	Aggregate	Aggregate	Diesel	35629.62	1706106	1706106	0	427304.9	1.140553905	12.92117	1.613511	0.012455169	0.029622	0	0.003	0.01574	0.013018336	0.0309618	0	0.012000003	0.044972691	1122.623	2211.972	0	0.001228	0.011501	0	0.17687	0.348497	0	0.02644459	0.247612	0	0	0	0	0.030105	0.281887	0	0	0	0	0.212184	0.103187	7.398379	0	0.010631	0.020946	0
2024MHDTNatural G	San Joaquin Valley Unified APCD	2024	MHDT	Aggregate	Aggregate	Natural Gas	358.0916	18979.63	18979.63	0	2773.915	0.088371763	6.870064	0	0.001429889	0.022375	0	0.003	0.015998	0.001555135	0.0243348	0	0.012000003	0.04570466	998.8453	5943.939	0	0.793116	17.1335	0	0.203621	1.211711	0	0.011332063	0.244804	0	0	0	0	0.809433	17.48599	0	0	0	0	1.06	2.942801	43.84533	0	0	0	0
2024OBUSGasoline	San Joaquin Valley Unified APCD	2024	OBUS	Aggregate	Aggregate	Gasoline	1293.409	65025.83	65025.83	0	25878.52	0.659680017	0.06479	0.420238	0.000961966	0	0.000297	0.003	0.015705	0.001046225	0	0.000323	0.012000003	0.044872212	1790.275	382.8192	32.37791	0.018985	0.193854	0.037636	0.03029	0.005145	0.030753	0.094458421	0.74224	0.201956	0.042754	0.201145	3.858176	0.137834	1.083074	0.221116	0.042754	0.201145	3.858176	0.044888	2.123825	5.750291	4.313062	0.017699	0.003785	0.00032
2024OBUSDiesel	San Joaquin Valley Unified APCD	2024	OBUS	Aggregate	Aggregate	Diesel	694.8683	53775.82	53775.82	0	8946.252	2.160186103	16.28038	1.682809	0.047432019	0.021551	0	0.003	0.021129	0.049576685	0.022525	0	0.012000003	0.060367883	1466.708	3397.974	0	0.004693	0.056185	0	0.231081	0.535352	0	0.101034531	1.209647	0	0	0	0	0.11502	1.377091	0	0	0	0	0.209827	0.29767	18.20025	0	0.013889	0.032177	0
2024OBUSNatural Ga	San Joaquin Valley Unified APCD	2024	OBUS	Aggregate	Aggregate	Natural Gas	13.05684	762.8943	762.8943	0	116.2059	0.146025816	1.504837	0	0.001276279	0.004676	0	0.003	0.016148	0.00138807	0.0050858	0	0.012000003	0.046137304	1052.201	1294.853	0	0.814608	3.834684	0	0.214498	0.263964	0	0.011639142	0.05479	0	0	0	0	0.831367	3.913576	0	0	0	0	1.06	3.321172	9.105031	0	0	0	0
2024SBUSGasoline	San Joaquin Valley Unified APCD	2024	SBUS	Aggregate	Aggregate	Gasoline	1103.053	67587.25	67587.25	0	4412.214	0.520122529	0.92193	0.734854	0.000961794	0	0.000527	0.002	0.015721	0.001046039	0	0.000573	0.008000002	0.044917136	823.8129	2625.613	58.25386	0.01171	2.514646	0.072999	0.02815	0.086835	0.068301	0.056236869	10.57428	0.405052	0.14701	0.368418	2.406441	0.082061	15.42997	0.443481	0.14701	0.368418	2.406441	0.045	1.330539	81.83261	10.09296	0.008144	0.025957	0.000576
2024SBUSDiesel	San Joaquin Valley Unified APCD	2024	SBUS	Aggregate	Aggregate	Diesel	3904.185	87343.24	87343.24	0	56532.6	4.576450748	23.57035	0.484617	0.02402484	0.023856	0	0.003	0.015721	0.025111136	0.0249346	0	0.012000003	0.044917136	1138.392	2255.222	0	0.003084	0.008035	0	0.179354	0.355311	0	0.066407951	0.172993	0	0	0	0	0.0756	0.196939	0	0	0	0	0.137393	0.203671	4.333018	0	0.01078	0.021356	0
2024SBUSNatural Ga	San Joaquin Valley Unified APCD	2024	SBUS	Aggregate	Aggregate	Natural Gas	724.3049	18264.92	18264.92	0	10487.94	0.381049414	5.168841	0	0.003378346	0.013792	0	0.003	0.015721	0.00367426	0.0149995	0	0.012000003	0.044917136	1207.334	4257.411	0	2.917165	13.99662	0	0.246123	0.867901	0	0.041680526	0.199984	0	0	0	0	2.97718	14.28458	0	0	0	0	1.06	9.204261	26.23543	0	0	0	0
2024UBUSGasoline	San Joaquin Valley Unified APCD	2024	UBUS	Aggregate	Aggregate	Gasoline	323.2417	22139.36	22139.36	0	1292.967	0.198152439	0	0.899427	0.001150594	0	0.000818	0.002854	0.037527	0.001251376	0	0.000889	0.01141466	0.107219652	1691.313	0	106.8211	0.003628	0	0.12066	0.018017	0	0.083157	0.011814712	0	0.516512	0.045743	0.100152	0.620459	0.01724	0	0.565516	0.045743	0.100152	0.620459	0.045	0.329235	0	9.36677	0.01672	0	0.001056
2024UBUSDiesel	San Joaquin Valley Unified APCD	2024	UBUS	Aggregate	Aggregate	Diesel	235.9037	22916.36	22916.36	0	943.6149	0.271053768	0	0	0.005018713	0	0	0.006063	0.038389	0.005245637	0	0	0.024250504	0.109682901	1078.939	0	0	0.002499	0	0	0.169987	0	0	0.053797007	0	0	0	0	0	0.061244	0	0	0	0	0	0.212987	0.057568	0	0	0.010223	0	0
2024UBUSNatural Ga	San Joaquin Valley Unified APCD	2024	UBUS	Aggregate	Aggregate	Natural Gas	562.7442	59486.41	59486.41	0	2250.977	0.272010334	0	0	0.000878922	0	0	0.006638	0.038187	0.000918663	0	0	0.026551135	0.109104524	1211.826	0	0	1.830848	0	0	0.247039	0	0	0.030686813	0	0	0	0	0	1.873458	0	0	0	0	0	0.97	23.65278	0	0	0	0	0
2025HHDTGasoline	San Joaquin Valley Unified APCD	2025	HHDT	Aggregate	Aggregate	Gasoline	11.06531	630.277	630.277	0	221.3947	12.05110709	0	1.441574	0.003853282	0	0.001952	0.005	0.034588	0.004190795	0	0.002123	0.020000006	0.098824153	2425.658	0	53.45843	0.353786	0	9.12E-05	0.292549	0	0.027654	2.236124841	0	0.000495	0.128894	1.144031	10.16273	3.262948	0	0.000542	0.128894	1.144031	10.16273	0.040588	96.52969	0	3.4115	0.02398	0	0.000528
2025HHDTDiesel	San Joaquin Valley Unified APCD	2025	HHDT	Aggregate	Aggregate	Diesel	77947.77	11261942	11261942	0	1350968	1.62269099	82.09721	2.858222	0.0275247	0.032474	0	0.008925	0.026712	0.028769245	0.0339421	0	0.035698661	0.076319968	1544.563	15675.39	0	0.000646	0.318551	0	0.243346	2.469664	0	0.013908588	6.858315	0	0	0	0	0.015834	7.807669	0	0	0	0	0.218652	0.064675	100.7325	0	0.014626	0.148437	0
2025HHDTNatural Ga	San Joaquin Valley Unified APCD	2025	HHDT	Aggregate	Aggregate	Natural Gas	1639.621	104851.5	104851.5	0	14059.77	1.15081256	11.76188	0	0.002726727	0.026413	0	0.009	0.047093	0.002965564	0.0287265	0	0.03600001	0.1345526	1410.078	10153.16	0	1.978489	30.88833	0	0.287454	2.069788	0	0.063390299	0.501778	0	0	0	0	2.059209	31.59268	0	0	0	0	0.863829	11.13042	71.93573	0	0	0	0
2025LDAGasoline	San Joaquin Valley Unified APCD	2025	LDA	Aggregate	Aggregate	Gasoline	1398015	55796264	55796264	0	6466233	0.037467781	0	0.244921	0.001117011	0	0.001891	0.002	0.002493	0.001214851	0	0.002056	0.008000002	0.007121991	279.4303	0	69.26084	0.002093	0	0.06754	0.004421	0	0.032587	0.007713589	0	0.30205	0.092126	0.236723	1.585454	0.011256	0	0.330707	0.092126	0.236723	1.585454	0.035287	0.740686	0	2.98602	0.002762	0	0.000685
2025LDADiesel	San Joaquin Valley Unified APCD	2025	LDA	Aggregate	Aggregate	Diesel	3347.883	104435.3	104435.3	0	14162.93	0.202261886	0	0	0.014492474	0	0	0.002	0.002549	0.015147759	0	0	0.008000002	0.007283371	228.9072	0	0	0.001149	0	0	0.036064	0	0	0.024736327	0	0	0	0	0	0.028161	0	0	0	0	0	0.0031	0.320335	0	0	0.002169	0	0
2025LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2025	LDA	Aggregate	Aggregate	Plug-in Hybrid	40454.81	1913908	929658.6	984249.7	167280.7	0.003049693	0	0.113169	0.000552343	0	0.001948	0.002	0.001346	0.000600723	0	0.002119	0.008000002	0.003844987	134.3601	0	64.95676	0.000419	0	0.041453	0.00056	0	0.020736	0.001315907	0	0.167441	0.042963	0.039088	0.517633	0.00192	0	0.183327	0.042963	0.039088	0.517633	0.019108	0.219705	0	1.285475	0.001328	0	0.000642
2025LDT1Gasoline	San Joaquin Valley Unified APCD	2025	LDT1	Aggregate	Aggregate	Gasoline	128854.8	4239443	4239443	0	553180.2	0.166400685	0	0.464353	0.0018421	0	0.003129	0.002	0.002973	0.002003452	0	0.003403	0.008000002	0.008494572	335.9391	0	89.86943	0.007846	0	0.12655	0.011689	0	0.042333	0.035213728	0	0.675144	0.231455	0.681391	4.049302	0.051384	0	0.739197	0.231455	0.681391	4.049302	0.037885	1.82397	0	6.430451	0.003321	0	0.000888
2025LDT1Diesel	San Joaquin Valley Unified APCD	2025	LDT1	Aggregate	Aggregate	Diesel	63.02026	785.9224	785.9224	0	177.5994	1.590886649	0	0	0.219566626	0	0	0.002	0.003267	0.229494494	0	0	0.008000002	0.009334556	404.1754	0	0	0.013196	0	0	0.063678	0	0	0.284106813	0	0	0	0	0	0.323437	0	0	0	0	0	0.0031	1.821405	0	0	0.00383	0	0
2025LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2025	LDT1	Aggregate	Aggregate	Plug-in Hybrid	204.8534	10566.86	4599.029	5967.835	847.069	0.002723871	0	0.113133	0.000343941	0	0.001365	0.002	0.001356	0.000374068	0	0.001484	0.008000002	0.003875345	120.1418	0	70.3283	0.000372	0	0.041327	0.000497	0	0.020638	0.001173685	0	0.167327	0.024426	0.020785	0.307771	0.001713	0	0.183201	0.024426	0.020785	0.307771	0.01828	0.196415	0	1.28452	0.001188	0	0.000695
2025LDT2Gasoline	San Joaquin Valley Unified APCD	2025	LDT2	Aggregate	Aggregate	Gasoline	642301	25412213	25412213	0	2978440	0.070545615	0	0.338966	0.001156671	0	0.001939	0.002	0.002834	0.001257985	0	0.002108	0.008000002	0.008096729	345.8905	0	87.52661	0.002868	0	0.082421	0.006063	0	0.037431	0.011228085	0	0.381907	0.093299	0.26101	1.73156	0.016384	0	0.41814	0.093299	0.26101	1.73156	0.03687	0.896687	0	3.631661	0.003419	0	0.000865
2025LDT2Diesel	San Joaquin Valley Unified APCD	2025	LDT2	Aggregate	Aggregate	Diesel	1846.644	79019.26	79019.26	0	8821.657	0.047435817	0	0	0.005227806	0	0	0.002	0.002769	0.005464185	0	0	0.008000002	0.007910934	300.0147	0	0	0.000626	0	0	0.047267	0	0	0.013479183	0	0	0	0	0	0.015345	0	0	0	0	0	0.0031	0.127596	0	0	0.002843	0	0
2025LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2025	LDT2	Aggregate	Aggregate	Plug-in Hybrid	5472.638	269584.6	123254.1	146330.4	22629.36	0.002861467	0	0.113134	0.000423258	0	0.001595	0.002	0.001349	0.000460332	0	0.001735	0.008000002	0.003855513	126.2099	0	77.10414	0.000391	0	0.041343	0.000522	0	0.020652	0.001232906	0	0.16733	0.026565	0.023775	0.343716	0.001799	0	0.183205	0.026565	0.023775	0.343716	0.019177	0.206334	0	1.284548	0.001248	0	0.000762
2025LHDT1Gasoline	San Joaquin Valley Unified APCD	2025	LHDT1	Aggregate	Aggregate	Gasoline	59602	2144812	2144812	0	887981	0.197920335	0.037116	0.663846	0.001544134	0	0.000307	0.002	0.0273	0.001679387	0	0.000333	0.008000002	0.078000022	883.0484	119.886	25.63162	0.00923	0.114977	0.033574	0.011044	0.002983	0.051627	0.046304973	0.425247	0.167517	0.052761	0.293864	3.34196	0.067568	0.620519	0.18341	0.052761	0.293864	3.34196	0.044907	1.216072	3.754601	3.01276	0.00873	0.001185	0.000253
2025LHDT1Diesel	San Joaquin Valley Unified APCD	2025	LHDT1	Aggregate	Aggregate	Diesel	57384.77	2023729	2023729	0	721828.2	2.037665312	2.184414	0	0.046291302	0.02641	0	0.003	0.0273	0.048384389	0.0276045	0	0.012000003	0.078000022	637.6751	134.887	0	0.009825	0.005098	0	0.100466	0.021252	0	0.211521291	0.10976	0	0	0	0	0.240803	0.124954	0	0	0	0	0.155546	0.611048	0.909745	0	0.006042	0.001278	0
2025LHDT2Gasoline	San Joaquin Valley Unified APCD	2025	LHDT2	Aggregate	Aggregate	Gasoline	9399.46	326534	326534	0	140037.9	0.168240057	0.037462	0.667222	0.001285851	0	0.00022	0.002	0.03185	0.001398481	0	0.00024	0.008000002	0.091000026	999.2457	139.14	25.54861	0.005941	0.116844	0.032794	0.010165	0.003006	0.051572	0.027289387	0.429695	0.160964	0.047195	0.251541	3.01001	0.039821	0.62701	0.176235	0.047195	0.251541	3.01001	0.044981	0.858066	3.76626	2.934983	0.009879	0.001376	0.000253
2025LHDT2Diesel	San Joaquin Valley Unified APCD	2025	LHDT2	Aggregate	Aggregate	Diesel	21753.71	788517.4	788517.4	0	273634.3	1.604232476	2.121578	0	0.040603387	0.026486	0	0.003	0.03185	0.042439292	0.0276833	0	0.012000003	0.091000026	768.6457	215.1347	0	0.008727	0.005098	0	0.1211	0.033895	0	0.187882618	0.10976	0	0	0	0	0.213892	0.124954	0	0	0	0	0.171486	0.515512	0.909745	0	0.007283	0.002039	0







2049LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2049	LDA	Aggregate	Aggregate	Plug-in Hybrid	75084.38	2996928	1220869	1776059	310473.9	0.002575164	0	0.113189	0.000173168	0	0.000758	0.002	0.001395	0.000188337	0	0.000825	0.008000002	0.003985513	113.3776	0	57.94041	0.000341	0	0.03955	0.000439	0	0.018914	0.001112895	0	0.16751	0.040315	0.085334	0.940225	0.001624	0	0.183402	0.040315	0.085334	0.940225	0.017102	0.185881	0	1.286015	0.001121	0	0.000573
2049LDT1Gasoline	San Joaquin Valley Unified APCD	2049	LDT1	Aggregate	Aggregate	Gasoline	106335.8	3860435	3860435	0	479291.5	0.020590313	0	0.174381	0.000450268	0	0.000784	0.002	0.002957	0.000489708	0	0.000852	0.008000002	0.008447215	271.4101	0	64.68027	0.001013	0	0.032635	0.003286	0	0.026986	0.002956557	0	0.123731	0.049808	0.230435	1.419609	0.004314	0	0.13547	0.049808	0.230435	1.419609	0.041752	0.533864	0	1.65027	0.002683	0	0.000639
2049LDT1Diesel	San Joaquin Valley Unified APCD	2049	LDT1	Aggregate	Aggregate	Diesel	1.233249	46.27281	46.27281	0	5.651245	0.026571636	0	0	0.003935817	0	0	0.002	0.002945	0.004113778	0	0	0.008000002	0.008414478	343.949	0	0	0.000554	0	0	0.054189	0	0	0.011934047	0	0	0	0	0	0	0.013586	0	0	0	0	0	0	0.0031	0.128842	0	0	0.003259	0	0
2049LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2049	LDT1	Aggregate	Aggregate	Plug-in Hybrid	2504.373	96342.02	39202.24	57139.78	10355.58	0.002563532	0	0.113148	0.000171359	0	0.000737	0.002	0.001391	0.000186369	0	0.000801	0.008000002	0.003975441	113	0	66.56153	0.000337	0	0.039391	0.000432	0	0.018783	0.001106261	0	0.167374	0.040626	0.086717	0.976097	0.001614	0	0.183253	0.040626	0.086717	0.976097	0.01709	0.185227	0	1.284896	0.001117	0	0.000658
2049LDT2Gasoline	San Joaquin Valley Unified APCD	2049	LDT2	Aggregate	Aggregate	Gasoline	899051	33883163	33883163	0	4118279	0.021901011	0	0.202808	0.000435972	0	0.000747	0.002	0.002937	0.000474159	0	0.000813	0.008000002	0.00839114	289.2366	0	69.91377	0.001275	0	0.040158	0.003392	0	0.030688	0.003829703	0	0.156197	0.041544	0.184513	1.145421	0.005588	0	0.171016	0.041544	0.184513	1.145421	0.041885	0.593069	0	2.039453	0.002859	0	0.000691
2049LDT2Diesel	San Joaquin Valley Unified APCD	2049	LDT2	Aggregate	Aggregate	Diesel	3417.91	129593	129593	0	15709.46	0.026759457	0	0	0.00390239	0	0	0.002	0.002935	0.004078839	0	0	0.008000002	0.008385881	260.8641	0	0	0.000553	0	0	0.041099	0	0	0.011909551	0	0	0	0	0	0	0.013558	0	0	0	0	0	0	0.0031	0.127389	0	0	0.002472	0	0
2049LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2049	LDT2	Aggregate	Aggregate	Plug-in Hybrid	24702.38	941877	383704.8	558172.2	102144.4	0.002567388	0	0.11315	0.000173367	0	0.000749	0.002	0.001391	0.000188553	0	0.000815	0.008000002	0.003975385	113.1584	0	71.61873	0.000337	0	0.039355	0.000431	0	0.018748	0.001108178	0	0.167381	0.040505	0.086775	0.965536	0.001617	0	0.183261	0.040505	0.086775	0.965536	0.01711	0.185498	0	1.284955	0.001119	0	0.000708
2049LHDT1Gasoline	San Joaquin Valley Unified APCD	2049	LHDT1	Aggregate	Aggregate	Gasoline	31869.28	1131694	1131694	0	474804.7	0.015781058	0.024066	0.393531	0.001153224	0	8.8E-05	0.002	0.0273	0.001254237	0	9.57E-05	0.008000002	0.078000022	742.1351	106.8563	23.47215	0.001151	0.082263	0.018776	0.001492	0.002433	0.038621	0.003781669	0.276411	0.081492	0.020321	0.205325	2.280929	0.005518	0.403338	0.089223	0.020321	0.205325	2.280929	0.045	0.598079	3.781397	3.283707	0.007337	0.001056	0.000232
2049LHDT1Diesel	San Joaquin Valley Unified APCD	2049	LHDT1	Aggregate	Aggregate	Diesel	21473.24	716053.7	716053.7	0	270106.4	0.265309027	1.044612	0	0.018203084	0.026362	0	0.003	0.0273	0.019026147	0.0275541	0	0.012000003	0.078000022	600.7878	116.6325	0	0.004109	0.005098	0	0.094654	0.018376	0	0.088471012	0.10976	0	0	0	0	0.100718	0.124954	0	0	0	0	0.217302	0.223989	0.909745	0	0.005693	0.001105	0
2049LHDT2Gasoline	San Joaquin Valley Unified APCD	2049	LHDT2	Aggregate	Aggregate	Gasoline	3627.178	123608.4	123608.4	0	54039.55	0.020302065	0.021468	0.347413	0.001149353	0	8.75E-05	0.002	0.03185	0.001250026	0	9.51E-05	0.008000002	0.091000026	839.4451	123.7037	23.22153	0.001082	0.073583	0.017014	0.002088	0.002166	0.034373	0.003513444	0.246563	0.073687	0.022938	0.230339	2.580935	0.005127	0.359784	0.080678	0.022938	0.230339	2.580935	0.045	0.605716	3.781397	3.316825	0.008299	0.001223	0.00023
2049LHDT2Diesel	San Joaquin Valley Unified APCD	2049	LHDT2	Aggregate	Aggregate	Diesel	11192.19	348096.5	348096.5	0	140783.6	0.432359585	1.203812	0	0.025278931	0.026236	0	0.003	0.03185	0.026421932	0.0274224	0	0.012000003	0.091000026	706.3525	192.5476	0	0.005456	0.005098	0	0.111286	0.030336	0	0.11746004	0.10976	0	0	0	0	0.13372	0.124954	0	0	0	0	0.210745	0.302519	0.909745	0	0.006693	0.001824	0
2049MCYGasoline	San Joaquin Valley Unified APCD	2049	MCY	Aggregate	Aggregate	Gasoline	70209.38	386679.6	386679.6	0	140418.8	0.455173882	0	0.059624	0.001910737	0	0.003286	0.001	0.0042	0.002049707	0	0.003526	0.004000001	0.012000003	182.2029	0	35.39178	0.124776	0	0.124888	0.03473	0	0.004088	0.732686	0	0.855878	3.585604	3.91808	3.937494	0.917603	0	0.932227	3.585604	3.91808	3.937494	0.009184	9.436291	0	7.536818	0.001801	0	0.00035
2049MDVGasoline	San Joaquin Valley Unified APCD	2049	MDV	Aggregate	Aggregate	Gasoline	531972.3	19253989	19253989	0	2410303	0.022679289	0	0.213488	0.000440202	0	0.000762	0.002	0.002974	0.00047876	0	0.000829	0.008000002	0.008497391	349.7975	0	85.34086	0.001308	0	0.041324	0.003451	0	0.031527	0.003960566	0	0.162838	0.047739	0.21115	1.324025	0.005779	0	0.178287	0.047739	0.21115	1.324025	0.041758	0.610506	0	2.089734	0.003458	0	0.000844
2049MDVDiesel	San Joaquin Valley Unified APCD	2049	MDV	Aggregate	Aggregate	Diesel	5973.619	210629.6	210629.6	0	26742.23	0.01293913	0	0	0.000971119	0	0	0.002	0.002983	0.001015028	0	0	0.008000002	0.008523516	340.8436	0	0	0.000205	0	0	0.0537	0	0	0.004412611	0	0	0	0	0	0	0.005023	0	0	0	0	0	0	0.0031	0.139027	0	0	0.00323	0	0
2049MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2049	MDV	Aggregate	Aggregate	Plug-in Hybrid	15820.41	584984.5	238392.5	346592	65417.38	0.002566167	0	0.11315	0.000174764	0	0.000762	0.002	0.001392	0.000190072	0	0.000829	0.008000002	0.003977823	113.1363	0	87.21242	0.000336	0	0.039161	0.000429	0	0.018567	0.001106937	0	0.167381	0.04221	0.093954	1.031834	0.001615	0	0.183261	0.04221	0.093954	1.031834	0.017116	0.185436	0	1.284952	0.001118	0	0.000862
2049MHGasoline	San Joaquin Valley Unified APCD	2049	MH	Aggregate	Aggregate	Gasoline	4008.954	43815.16	43815.16	0	401.0557	0.226976588	0	0.366978	0.00136723	0	0.000344	0.003	0.015766	0.001486987	0	0.000374	0.012000003	0.045046347	1947.397	0	29.47956	0.003236	0	0.034272	0.01918	0	0.041932	0.009157266	0	0.117452	2.791334	0.109859	1.959645	0.013362	0	0.128596	2.791334	0.109859	1.959645	0.045	0.159789	0	2.217195	0.019252	0	0.000291
2049MHDiesel	San Joaquin Valley Unified APCD	2049	MH	Aggregate	Aggregate	Diesel	2636.732	25004.98	25004.98	0	263.6732	2.501479292	0	0	0.020800564	0	0	0.004	0.015692	0.021741073	0	0	0.016000005	0.044834078	1089.591	0	0	0.003892	0	0	0.171666	0	0	0.083798254	0	0	0	0	0	0	0.095399	0	0	0	0	0	0	0.215093	0.24171	0	0	0.010324	0	0
2049MHDTGasoline	San Joaquin Valley Unified APCD	2049	MHDT	Aggregate	Aggregate	Gasoline	1780.443	101035.8	101035.8	0	35623.1	0.064515467	0.055569	0.452936	0.001376695	0	0.000468	0.003	0.015766	0.001497281	0	0.000509	0.012000003	0.045046262	1532.571	458.6573	36.45275	0.002952	0.276579	0.038012	0.006836	0.005515	0.036998	0.010715346	1.02858	0.182576	0.013818	0.21086	2.205538	0.015636	1.500902	0.199898	0.013818	0.21086	2.205538	0.045	0.172503	15.30094	3.148446	0.015151	0.004534	0.00036
2049MHDTDiesel	San Joaquin Valley Unified APCD	2049	MHDT	Aggregate	Aggregate	Diesel	35898.6	1765767	1765767	0	442530.1	0.298883273	10.0409	1.114669	0.003434859	0.002415	0	0.003	0.015652	0.003590168	0.0025239	0	0.012000003	0.044719905	973.0112	1815.513	0	0.000277	0.008035	0	0.153298	0.286035	0	0.005962333	0.172999	0	0	0	0	0.006788	0.196947	0	0	0	0	0.219926	0.042758	7.309961	0	0.009214	0.017192	0
2049MHDTNatural G	San Joaquin Valley Unified APCD	2049	MHDT	Aggregate	Aggregate	Natural Gas	505.7305	22651.63	22651.63	0	4403.56	0.057305768	6.401925	0	0.001531614	0.023942	0	0.003	0.015934	0.00166577	0.0260392	0	0.012000003	0.045525922	924.115	5528.2	0	0.779584	14.8423	0	0.188387	1.12696	0	0.01113872	0.212067	0	0	0	0	0.795623	15.14765	0	0	0	0	1.06	2.886398	47.71906	0	0	0	0
2049OBUSGasoline	San Joaquin Valley Unified APCD	2049	OBUS	Aggregate	Aggregate	Gasoline	449.9713	18010.64	18010.64	0	9003.026	0.25707189	0.048813	0.354979	0.00116677	0	0.000246	0.003	0.015706	0.001268968	0	0.000268	0.012000003	0.044873775	1525.522	344.1796	26.41741	0.002052	0.197696	0.028555	0.015578	0.004117	0.026156	0.007297924	0.750514	0.142053	0.028705	0.210667	3.835498	0.010649	1.095149	0.15553	0.028705	0.210667	3.835498	0.045	0.173748	5.800203	2.321935	0.015081	0.003403	0.000261
2049OBUSDiesel	San Joaquin Valley Unified APCD	2049	OBUS	Aggregate	Aggregate	Diesel	900.7748	61253.28	61253.28	0	11517.92	0.904157368	6.169121	0.923733	0.014271	0.005291	0	0.003	0.022535	0.014916271	0.0055298	0	0.012000003	0.06438436	1279.068	2673.644	0	0.00072	0.052918	0	0.201518	0.421234	0	0.015496888	1.139321	0	0	0	0	0.017642	1.29703	0	0	0	0	0.218975	0.073797	17.79633	0	0.012112	0.025318	0
2049OBUSNatural Ga	San Joaquin Valley Unified APCD	2049	OBUS	Aggregate	Aggregate	Natural Gas	52.02556	2322.563	2322.563	0	463.0275	0.070732066	1.472794	0	0.001633317	0.005441	0	0.003	0.016148	0.001776381	0.0059171	0	0.012000003	0.046137304	899.2446	1150.968	0	0.855602	3.439053	0	0.183317	0.234632	0	0.012224868	0.049137	0	0	0	0	0.873205	3.509806	0	0	0	0	1.06	3.431617	10.82833	0	0	0	0
2049SBUSGasoline	San Joaquin Valley Unified APCD	2049	SBUS	Aggregate	Aggregate	Gasoline	290.4657	17078.97	17078.97	0	1161.863	0.114298207	0.606062	0.609666	0.001162778	0	0.000793	0.002	0.015721	0.001264628	0	0.000863	0.008000002	0.044917136	717.9145	2321.151	49.49803	0.001913	2.550454	0.070871	0.010797	0.067801	0.060979	0.007959715	10.64152	0.380217	0.126525	0.748866	4.21034	0.011615	15.52808	0.41629	0.126525	0.748866	4.21034	0.045	0.19066	82.24088	7.838546	0.007097	0.022947	0.000489
2049SBUSDiesel	San Joaquin Valley Unified APCD	2049	SBUS	Aggregate	Aggregate	Diesel	1849.804	38608.59	38608.59	0	26785.17	0.282446444	9.64962	0.555126	0.002888789	0.002304	0	0.003	0.015721	0.003019407	0.0024084	0	0.012000003	0.044917136	1025.144	1819.324	0	0.000278	0.007743	0	0.161512	0.286635	0	0.005992364	0.166698	0	0	0	0	0.006822	0.189773	0	0	0	0	0.219983	0.050373	7.057448	0	0.009707	0.017228	0
2049SBUSNatural Ga	San Joaquin Valley Unified APCD	2049	SBUS	Aggregate	Aggregate	Natural Gas	604.7191	12387.27	12387.27	0	8756.332	0.136407518	4.985795	0	0.003378346	0.018158	0	0.003	0.015721	0.00367426	0.0197481	0	0.012000003	0.044917136	1058.99	4319.766	0	2.247148	11.73661	0	0.215882	0.880613	0	0.032107317	0.167693	0	0	0	0	2.29338	11.97807	0	0	0	0	1.06	6.051238	36.07967	0	0	0	0
2049UBUSGasoline	San Joaquin Valley Unified APCD	2049	UBUS	Aggregate	Aggregate	Gasoline	74.5432	4063.113	4063.113	0	298.1728	0.016812759	0	0.288006	0.001178308	0	0.000134	0.002	0.03185	0.001281517	0	0.000145	0.008000002	0.091000026	832.084	0	34.61489	0.001261	0	0.026225	0.002848	0	0.044453	0.003371796	0	0.094344	0.024958	0.09437	0.380186	0.00492	0	0.103295	0.024958	0.09437	0.380186	0.045	0.572805	0	5.963807	0.008226	0	0.000342
2049UBUSDiesel	San Joaquin Valley Unified APCD	2049	UBUS	Aggregate	Aggregate	Diesel	11.56538	806.1447	806.1447	0	46.26151	0.184569922	0	0	0.012932647	0	0	0.003	0.03185	0.013517404	0	0	0.012000003	0.091000026	648.9495	0	0	0.004303	0	0	0.102242	0	0	0.092644892	0	0	0	0	0	0	0.10547	0	0	0	0	0	0	0.22	0.176945	0	0	0.006149	0	0
2049UBUSNatural Ga	San Joaquin Valley Unified APCD	2049	UBUS	Aggregate	Aggregate	Natural Gas	46.59195	3247.611	3247.611	0	186.3678	0.184569922	0	0	0.012932647	0	0	0.003	0.03185	0.013517404	0	0	0.012000003	0.091000026	783.3581	0	0	0.004303	0	0	0.159693	0	0	0.092644892	0	0	0	0	0	0	0.10547	0	0	0	0	0	0	0.97	0.176945	0	0	0	0	0
2050HHDTGasoline	San Joaquin Valley Unified APCD	2050	HHDT	Aggregate	Aggregate	Gasoline	2.435409	347.7683	347.7683	0	48.72767	2.467525069	0	2.060139	0.00143075	0	0.000475	0.005	0.033877	0.001556071	0	0.000517	0.020000006	0.096792823	1795.227	0	42.40227	0.09187	0	0.001268	0.103427	0	0.097625	0.426123728	0	0.0075	0.010892	0.169709	1.740709	0.621799	0	0.008212	0.010892	0.169709	1.740709	0.045	28.86149	0	5.011412	0.017748	0	0.000419
2050HHDTDiesel	San Joaquin Valley Unified APCD	2050	HHDT	Aggregate	Aggregate	Diesel	123571.2	18922917	18922917	0	2236029	1.272503221	86.61688	2.513326	0.026211161	0.029856	0	0.008964	0.029045	0.027396314	0.0312063	0	0.035855405	0.082986366	1257.039	13796.89	0	0.000514	0.34036	0	0.198047	2.173706	0	0.011059966	7.327865	0	0	0	0	0.012591	8.342217	0	0	0	0	0.219967	0.0416	108.2667	0	0.011903	0.130648	0
2050HHDTNatural Ga	San Joaquin Valley Unified APCD	2050	HHDT	Aggregate	Aggregate	Natural Gas	2220.979	135799.5	135799.5	0	19912.69	0.180385594	10.19193	0	0.001654733	0.037868	0	0.009	0.049576	0.001799673	0.0411846	0	0.03600001	0.141646076	1205.557	10162.66	0	0.770294	24.17709	0	0.245761	2.071724	0	0.01123506	0.34582	0	0	0	0	0.786402	24.67492	0	0	0	0	0.851082	6.701457	88.92421	0	0	0	0
2050LDAGasoline	San Joaquin Valley Unified APCD	2050	LDA	Aggregate	Aggregate	Gasoline	1601132	63498853	63498853	0	7415687	0.019342241	0	0.160519	0.000422141	0	0.00072	0.002	0.002553	0.000459117	0	0.000783	0.008000002	0.007293026	235.9528	0	55.69176	0.000957	0	0.030902	0.00319	0	0.025595	0.002741171	0	0.114953	0.036731	0.154205	0.962829	0.004	0	0.12586	0.036731	0.154205	0.962829	0.041949	0.504907	0	1.577487	0.002333	0	0.000551
2050LDADiesel	San Joaquin Valley Unified APCD	2050	LDA	Aggregate	Aggregate	Diesel	973.1915	36598.37	36598.37	0	4407.863	0.008920945	0	0	0.00075123	0	0	0.002	0.002554	0.000785197	0	0	0.008000002	0.007298466	183.2977	0	0	0.000179	0	0	0.028879	0	0	0.003853217	0	0	0	0	0	0	0.004387	0	0	0	0	0	0	0.0031	0.125476	0	0	0.001737	0	0
2050LDAPlug-in Hybri	San Joaquin Valley Unified APCD	2050	LDA	Aggregate	Aggregate	Plug-in Hybrid	75618.84	3010864	1226134	1784731	312683.9	0.002574533	0	0.11319	0.000172202	0	0.000752	0.002	0.001395	0.000187285	0	0.000818	0.008000002	0.003985991	113.348	0	57.91407	0.000341	0	0.039531	0.000438	0	0.018896	0.001112687	0	0.167512	0.040299	0.085265	0.942313	0.001624	0	0.183404	0.040299	0.085265	0.942313	0.017097	0.185839	0	1.286027	0.001121	0	0.000573
2050LDT1Gasoline	San Joaquin Valley Unified APCD	2050	LDT1	Aggregate	Aggregate	Gasoline	106946	3876771	3876771	0	481991.2	0.020559691	0	0.173999	0.000444859	0	0.000771	0.002	0.002957	0.000483825	0	0.000839	0.008000002	0.008449186	271.0921	0	64.55596	0.00101	0	0.032366	0.003283	0	0.026945	0.002944059	0	0.12247	0.049032	0.228942	1.406954	0.004296	0	0.13409	0.049032	0.228942	1.406954	0.041791	0.533217	0	1.642209	0.00268	0	0.000638
2050LDT1Diesel	San Joaquin Valley Unified APCD	2050	LDT1	Aggregate	Aggregate	Diesel	1.249261	46.64057	46.64057	0	5.71526	0.026584953	0	0	0.003942015	0	0	0.002	0.002948	0.004120255	0	0	0.008000002	0.008421628	343.8146	0	0	0.000555	0	0	0.054168	0	0	0.01194277	0	0	0	0	0	0	0.013596	0	0	0	0	0	0	0.0031	0.129113	0	0	0.003258	0	0
2050LDT1Plug-in Hyb	San Joaquin Valley Unified APCD	2050	LDT1	Aggregate	Aggregate	Plug-in Hybrid	2557.164	97625.4	39719.6	57905.8	10573.87	0.002563385	0	0.113148	0.000170838	0	0.000733	0.002	0.001392	0.000185802	0	0.000798	0.008000002	0.003976202	112.9927	0	66.55005	0.000337	0	0.039346	0.000431	0	0.018741	0.001106242	0	0.167375	0.041771	0.091953	1.030036	0.001614	0	0.183255	0.041771	0.091953	1.030036	0.017088	0.185221	0	1.284907	0.001117	0	0.000658
2050LDT2Gasoline	San Joaquin Valley Unified APCD	2050	LDT2	Aggregate	Aggregate	Gasoline	905008.7	34048410	34048410	0	4145212	0.021890644	0	0.202956	0.00043283	0	0.000741	0.002	0.002938	0.000470742	0	0.000805	0.008000002	0.008394199	288.9993	0	69.8168	0.001274	0	0.039985	0.003389	0	0.030699	0.003826236	0	0.155369	0.04107	0.18399	1.138803	0.005583	0	0.17011	0.04107	0.18399	1.138803	0.041907	0.592961	0	2.034583	0.002857	0	0.00069
2050LDT2Diesel	San Joaquin Valley Unified APCD	2050	LDT2	Aggregate	Aggregate	Diesel	3448.448	130343.8	130343.8	0	15836.75	0.026670992	0	0	0.003903066	0	0	0.002	0.002937	0.004079545	0	0	0.008000002	0.00839016	260.7284	0	0	0.000553	0	0	0.041078	0	0	0.011911189	0	0	0	0	0	0	0.01356	0	0	0	0	0	0	0.0031	0.127481	0	0	0.002471	0	0
2050LDT2Plug-in Hyb	San Joaquin Valley Unified APCD	2050	LDT2	Aggregate	Aggregate	Plug-in Hybrid	25022.18	949555	386718.5	562836.5	103466.7	0.002566829	0	0.11315	0.000172564	0	0.000745	0.002	0.001392	0.000187679	0	0.00081	0.008000002	0.003975994	113.1325	0	71.5963	0.000337	0	0.039325	0.000431	0	0.01872	0.001107992	0	0.167382	0.040999	0.088976	0.989941	0.001617	0	0.183263	0.040999	0.088976	0.989941	0.017105	0.185462	0	1.284966	0.001118	0	0.000708
2050LHDT1Gasoline	San Joaquin Valley Unified APCD	2050	LHDT1	Aggregate	Aggregate	Gasoline	31301.54	1116945	1116945	0	466346.3	0.014927396	0.023859	0.386162	0.001156516	0	8.85E-05	0.002	0.0273	0.001257817	0	9.62E-05	0.008000002	0.078000022	740.6806	106.6515	23.42005	0.00114	0.081775	0.018619	0.001448	0.002429	0.038322	0.00373125	0.274032	0.08058	0.019783	0.202375	2.238617	0.005445	0.399867	0.088225	0.019783	0.202375	2.238617	0.045	0.598233	3.781397	3.296431	0.007322	0.001054	0.000232
2050LHDT1Diesel	San Joaquin Valley Unified APCD	2050	LHDT1	Aggregate	Aggregate	Diesel	20770.38	699585.2	699585.2	0	261265.3	0.243656068	1.006549	0	0.017481996	0.026382	0	0.003	0.0273	0.018272454	0.0275749	0	0.012000003	0.078000022	599.6452	116.0542	0	0.003999	0.005098	0	0.094474	0.018284	0	0.086086394	0.10976	0	0	0	0	0.098004	0.124954	0	0	0	0	0.218091	0.216412	0.909745	0	0.005682	0.0011	0
2050LHDT2Gasoline	San Joaquin Valley Unified APCD	2050	LHDT2	Aggregate	Aggregate	Gasoline	3526.713	121195.3	121195.3	0	52542.77	0.019397294	0.020989	0.336216	0.001154807	0	8.82E-05	0.002	0.03185	0.001255958	0	9.6E-05	0.008000002	0.091000026	837.0473	123.2654	23.15722	0.001066	0.072373	0.016669	0.002043	0.002147	0.03385	0.003440812	0.241069	0.071748	0.021937	0.224694	2.502026	0.005021	0.351768	0.078555	0.021937	0.224694	2.502026	0.045	0.605297	3.781397	3.328573	0.008275	0.001219	0.000229
2050LHDT2Diesel	San Joaquin Valley Unified APCD	2050	LHDT2	Aggregate	Aggregate	Diesel	10823.75	339721.2	339721.2	0	136149.2	0.382944182	1.164026	0	0.02351123	0.026288	0	0.003	0.03185	0.024574303	0.0274771	0	0.012000003	0.091000026	704.7874	191.5217	0	0.005155	0.005098	0	0.11104	0.030174	0	0.110981105	0.10976	0	0	0	0	0.126345	0.124954	0	0	0	0	0.212793	0.284508	0.909745	0	0.006678	0.001815	0
2050MCYGasoline	San Joaquin Valley Unified APCD	2050	MCY	Aggregate	Aggregate	Gasoline	69896.11	387391.7	387391.7	0	139792.2	0.452661248	0	0.055294	0.001918403	0	0.003344	0.001	0.0042	0.002057933	0	0.003587	0.004000001	0.012000003	182.1066	0	34.6201	0.124104	0	0.122311	0.034639	0	0.003885	0.726245798	0	0.831374	3.582647	3.909474	3.828125	0.910608	0	0.905676	3.582647	3.909474	3.828125	0.009192	9.373714	0	7.508014	0.0018	0	0.000342
2050MDVGasoline	San Joaquin Valley Unified APCD	2050	MDV	Aggregate	Aggregate	Gasoline	533507.8	19317620	19317620	0	2419615	0.022598905	0	0.21352	0.000436237	0	0.000753	0.002	0.002974	0.000474447	0	0.000819	0.008000002	0.008498271	349.3327	0	85.13347	0.001304	0	0.04103	0.003442	0	0.031542	0.003944923	0	0.16134	0.046542	0.208002	1.298016	0.005756	0	0.176647	0.046542	0.208002	1.298016	0.0418	0.609351	0	2.079358	0.003454	0	0.000842
2050MDVDiesel	San Joaquin Valley Unified APCD	2050	MDV	Aggregate	Aggregate	Diesel	5964.398	210816.7	210816.7	0	26747.93	0.010217286	0	0	0.000879393	0	0	0.002	0.002982	0.000919155	0	0	0.008000002	0.008520929	340.1851	0	0	0.000198	0	0	0.053596	0	0	0.004260676	0	0	0	0	0	0	0.00485	0	0	0	0	0	0	0.0031	0.137196	0	0	0.003223	0	0
2050MDVPlug-in Hyb	San Joaquin Valley Unified APCD	2050	MDV	Aggregate	Aggregate	Plug-in Hybrid	16026.95	589689.8	240226.2	349463.7	66271.45	0.002565473	0	0.11315	0.00017364	0	0.000755	0.002	0.001392	0.000188849	0	0.000822	0.008000002	0.003978459	113.1044	0	87.17556	0.000336	0	0.039129	0.000428	0	0.018537	0.001106695	0	0.167382	0.042655	0.095996	1.055134	0.001615	0	0.183262	0.042655	0.095996	1.055134	0.01711	0.18539	0	1.284963	0.001118	0	0.000862
2050MHGasoline	San Joaquin Valley Unified APCD	2050	MH	Aggregate	Aggregate	Gasoline	4007.645	43866.6	43866.6	0	400.9248	0.217181234	0	0.339296	0.001370923	0	0.000346	0.003	0.015766	0.001491004	0	0.000376	0.012000003	0.045046347	1947.367	0	29.17406	0.002831	0	0.032344	0.017849	0	0.038901	0.007981689	0	0.110029	2.70605	0.108444	1.924232	0.011647	0	0.120468	2.70605	0.108444	1.924232	0.045	0.144463	0	2.040371	0.019252	0	0.000288
2050MHDiesel	San Joaquin Valley Unified APCD	2050	MH	Aggregate	Aggregate	Diesel	2612.609	24912.41	24912.41	0	261.2609	2.474425873	0	0	0.018280942	0	0	0.004	0.015692	0.019107525	0	0	0.016000005	0.044834075	1089.809	0	0	0.00385	0	0	0.1717	0	0	0.082898054	0	0	0	0	0	0	0.094374	0	0	0	0	0	0	0.21676	0.237023	0	0	0.010326	0	0
2050MHDTGasoline	San Joaquin Valley Unified APCD	2050	MHDT	Aggregate	Aggregate	Gasoline	1746.267	99956.68	99956.68	0	34939.31	0.063839482	0.055073	0.489565	0.001378196	0	0.00047	0.003	0.015766	0.001498914	0	0.000511	0.012000003	0.045046263	1530.064	456.9959	36.11123	0.00285	0.278685	0.037403	0.00684	0.005519	0.038218	0.01049921	1.02858	0.180085	0.013352	0.20644	2.145654	0.01532	1.500902	0.19717	0.013352	0.20644	2.145654	0.045	0.158916	15.30094	3.013599	0.015126	0.004518	0.000357
2050MHDTDiesel	San Joaquin Valley Unified APCD	2050	MHDT	Aggregate	Aggregate	Diesel	36333.58	1798458	1798458	0	448551.7	0.293024732	10.01819	1.106577	0.003417653	0.002401	0	0.003	0.015649	0.003572184	0.0025099	0	0.012000003	0.044711324	970.7714	1806.807	0	0.000274	0.008024	0	0.152945	0.284663	0	0.005901749	0.172758	0	0	0	0	0.006719	0.196672	0	0	0	0	0.219948	0.042436	7.303069	0	0.009193	0.017109	0
2050MHDTNatural G	San Joaquin Valley Unified APCD	2050	MHDT	Aggregate	Aggregate	Natural Gas	506.8908	22830.54	22830.54	0	4441.376	0.056965183	6.380787	0	0.001531117	0.023898	0	0.003	0.01593	0.001665229	0.0259913	0	0.012000003	0.045515265	922.0624	5505.1	0	0.77821	14.78056	0	0.187968	1.122251	0	0.011119084	0.211185	0	0	0	0	0.79422	15.08465	0	0	0	0	1.06	2.883173	47.63919	0	0	0	0
2050OBUSGasoline	San Joaquin Valley Unified APCD	2050	OBUS	Aggregate	Aggregate	Gasoline	431.2983	17685.56	17685.56	0	8629.417	0.257540837	0.047995	0.334852	0.001178827	0	0.000256	0.003	0.015706	0.001282082	0	0.000278	0.012000003	0.044873754	1519.912	341.8199	26.09793	0.001739	0.1997	0.028033	0.015184	0.004847	0.024729	0.006215952	0.750514	0.139507	0.027601	0.205804	3.692709	0.00907	1.095149	0.152743	0.027601	0.205804	3.692709	0.045	0.160234	5.800203	2.225745	0.015026	0.003379	0.000258
2050OBUSDiesel	San Joaquin Valley Unified APCD	2050	OBUS	Aggregate	Aggregate	Diesel	902.9082	61495.75	61495.75	0	11562.54	0.873339824	6.08359	0.90573	0.013808071	0.005193	0	0.003	0.022551	0.014432411	0.0054282	0	0.012000003	0.064432415	1277.317	2679.04	0	0.000643	0.053155	0	0.201242	0.422084	0	0.013849706	1.144422	0	0	0	0	0.015767	1.302837	0	0	0	0	0.219232	0.069	17.87461	0	0.012095	0.025369	0
2050OBUSNatural Ga	San Joaquin Valley Unified APCD	2050	OBUS	Aggregate	Aggregate	Natural Gas	53.46582	2395.481	2395.481	0	475.8458	0.070306215	1.472604	0	0.001635337	0.005445	0	0.003	0.016148	0.001778578	0.005922	0	0.012000003	0.046137304	898.613	1150.328	0	0.855834	3.436711	0	0.183188	0.234502	0	0.012228182	0.049104	0	0	0	0	0.873442	3.507415	0	0	0	0	1.06	3.432242	10.83854	0	0	0	0
2050SBUSGasoline	San Joaquin Valley Unified APCD	2050	SBUS	Aggregate	Aggregate	Gasoline	227.4163	13528.91	13528.91	0	909.6652	0.08526862	0.506265	0.410866	0.001177044	0	0.000804	0.002	0.015721	0.001280143	0	0.000874	0.008000002	0.044917136	700.8516	2267.876	47.98961	0.001864	2.554894	0.069889	0.008359	0.065994	0.046047	0.007748077	10.64152	0.374486	0.099748	0.661106	3.633048	0.011306	15.52808	0.410015	0.099748	0.661106	3.633048	0.045	0.180535	82.24088	7.4602	0.006929	0.02242	0.000474
2050SBUSDiesel	San Joaquin Valley Unified APCD	2050	SBUS	Aggregate	Aggregate	Diesel	1766.362	37063.18	37063.18	0	25576.92	0.272657352	9.6487	0.530165	0.002846521	0.002304	0	0.003	0.015721	0.002975228	0.0024083	0	0.012000003	0.044917136	1020.077	1807.699	0	0.000275	0.007742	0	0.160714	0.284804	0	0.005920602	0.166689	0	0	0	0	0.00674	0.189763	0	0	0	0	0.219995	0.049856	7.05802	0	0.00966	0.017118	0
2050SBUSNatural Ga	San Joaquin Valley Unified APCD	2050	SBUS	Aggregate	Aggregate	Natural Gas	563.0132	11647.63	11647.63	0	8152.431	0.127441256	4.976221	0	0.003378346	0.018386	0	0.003	0.015721	0.00367426	0.0199965	0	0.012000003	0.044917136	1051.527	4314.812	0	2.222599	11.61841	0	0.214361	0.879603	0	0.03175656	0.166004	0	0	0	0	2.268326	11.85744	0	0	0	0	1.06	5.935713	36.59454	0	0	0	0
2050UBUSGasoline	San Joaquin Valley Unified APCD	2050	UBUS	Aggregate	Aggregate	Gasoline	74.79208	4076.818	4076.818	0	299.1683	0.016419796	0	0.277851	0.001178337	0	0.000134	0.002	0.03185	0.001281549	0	0.000145	0.008000002	0.091000026	832.1139	0	34.3489	0.00123	0	0.025897	0.002804	0	0.043533	0.003279648	0	0.092717	0.026779	0.1034	0.428743	0.004786	0	0.101514	0.026779	0.1034	0.428743	0.045	0.573051	0	5.79961	0.008226	0	0.00034
2050UBUSDiesel	San Joaquin Valley Unified APCD	2050	UBUS	Aggregate	Aggregate	Diesel	11.5741	806.4098	806.4098	0	46.2964	0.191434528	0	0	0.01403634	0	0	0.003	0.03185	0.014671001	0	0	0.012000003	0.091000026	648.9535	0	0	0.004376	0	0	0.102243	0	0	0.094220673	0	0	0	0	0	0	0.107264	0	0	0	0	0	0	0.22	0.190842	0	0	0.006149	0	0
2050UBUSNatural Ga	San Joaquin Valley Unified APCD	2050	UBUS	Aggregate	Aggregate	Natural Gas	46.62708	3248.679	3248.679	0	186.5083	0.191434528	0	0	0.01403634	0	0	0.003	0.03185	0.014671001	0	0	0.012000003	0.091000026	783.3629	0	0	0.004376	0	0	0.159694	0	0	0.094220673	0	0	0	0	0	0	0.107264	0	0	0	0	0	0	0.97	0.190842	0	0	0	0	0

	Total Trips	234330		
Vehicle Category	Fuel	Trips/Yr	Total VMT	Percentage
LDA	Gasoline	153375.9	53449652.25	65.45%
LDA	Diesel	387.7	135093.2516	0.17%
LDA	Plug-in Hybrid	3344.8	1165621.25	1.43%
LDT1	Gasoline	12980.1	4523420.86	5.54%
LDT1	Diesel	3.8	1318.320358	0.00%
LDT1	Plug-in Hybrid	3.1	1075.063929	0.00%
LDT2	Gasoline	62701.9	21850868.49	26.76%
LDT2	Diesel	161.5	56268.77204	0.07%
LDT2	Plug-in Hybrid	235.2	81974.75892	0.10%
MCY	Gasoline	1136.0	395880.6575	0.48%
	Total	234330	81661173.67	100.00%

Source: EMFAC2021 (v1.0.1) Emission Rates
Region Type: Air District
Region: San Joaquin Valley Unified APCD
Calendar Year: 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 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 Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNE	PM2.5_RU	PM10_RUNEX	CO2_RUNE	CH4_RUNE	N2O_RUNE	ROG_RUNE	TOG_RUNE	CO_RUNEX	SOx_RUNE	NH3_RUNE	PM10_PM	PM2.5_PM	Fuel Consu	Energy Consumption
San Joaqui	2021	HHDT	Aggregate	5	Diesel	3695.75	3695.75	0	23.81421	0.157053	0.164154142	3620.233	0.033587	0.570369	0.723126	0.823224	1.518954	0.034281	0.115571	0.162333	0.056816	0.356481	0
San Joaqui	2021	HHDT	Aggregate	10	Diesel	67341.85	67341.85	0	10.35321	0.03328	0.034785032	3132.965	0.016265	0.4936	0.350187	0.398662	1.301731	0.029667	0.186932	0.146568	0.051299	0.3085	0
San Joaqui	2021	HHDT	Aggregate	15	Diesel	156484.1	156484.1	0	6.78019	0.02178	0.02276524	2524.882	0.009299	0.397796	0.200199	0.227912	0.792549	0.023909	0.193576	0.142836	0.049993	0.248623	0
										Average	0.073901471												

Resident Risk

					Max	5.21E-06
			Year 1	Year 2	Year 3	Total
1	251428.78	4064178.37	1.25E-06	3.70E-06	8.70E-08	5.04E-06
2	251429.52	4064129.41	1.28E-06	3.79E-06	8.90E-08	5.16E-06
3	251432.49	4064099.73	1.29E-06	3.82E-06	8.99E-08	5.21E-06
4	251427.29	4064065.61	1.27E-06	3.75E-06	8.81E-08	5.10E-06
5	251482.93	4063713.97	6.67E-07	1.97E-06	4.64E-08	2.69E-06
6	251482.19	4063670.95	5.96E-07	1.76E-06	4.15E-08	2.40E-06
7	251530.41	4063621.24	5.38E-07	1.59E-06	3.74E-08	2.17E-06
8	251467.35	4063558.19	4.52E-07	1.34E-06	3.14E-08	1.82E-06
9	251470.32	4063379.4	3.09E-07	9.14E-07	2.15E-08	1.24E-06
10	251468.09	4063320.8	2.76E-07	8.15E-07	1.92E-08	1.11E-06
11	251551.18	4063314.86	2.75E-07	8.14E-07	1.91E-08	1.11E-06
12	251558.6	4063283.7	2.61E-07	7.71E-07	1.81E-08	1.05E-06
13	251484.42	4063291.86	2.61E-07	7.73E-07	1.82E-08	1.05E-06
14	251482.19	4063261.45	2.48E-07	7.32E-07	1.72E-08	9.97E-07
15	251558.6	4063264.42	2.52E-07	7.46E-07	1.75E-08	1.02E-06
16	251557.86	4063240.68	2.42E-07	7.17E-07	1.69E-08	9.76E-07
17	251474.03	4063241.42	2.39E-07	7.07E-07	1.66E-08	9.62E-07
18	251620.91	4063183.55	2.27E-07	6.72E-07	1.58E-08	9.15E-07
19	251620.91	4063223.61	2.41E-07	7.13E-07	1.68E-08	9.71E-07
20	251621.66	4063273.32	2.61E-07	7.72E-07	1.82E-08	1.05E-06
21	251623.14	4063300.77	2.74E-07	8.09E-07	1.90E-08	1.10E-06
22	251589.76	4063302.25	2.71E-07	8.03E-07	1.89E-08	1.09E-06
23	251586.79	4063248.1	2.47E-07	7.32E-07	1.72E-08	9.96E-07
24	251585.31	4063211.74	2.33E-07	6.91E-07	1.62E-08	9.40E-07
25	251391.19	4062929.61	1.50E-07	4.45E-07	1.05E-08	6.05E-07
26	251489.76	4062921.4	1.54E-07	4.55E-07	1.07E-08	6.19E-07
27	251803.66	4062911.78	1.66E-07	4.91E-07	1.16E-08	6.69E-07
28	251747.96	4062909.78	1.65E-07	4.88E-07	1.15E-08	6.65E-07
29	251692.75	4062909.78	1.64E-07	4.84E-07	1.14E-08	6.59E-07
30	251642.89	4062916.91	1.63E-07	4.82E-07	1.13E-08	6.56E-07
31	251566.31	4062916.91	1.58E-07	4.68E-07	1.10E-08	6.37E-07
32	251463.02	4062845.67	1.40E-07	4.14E-07	9.74E-09	5.64E-07
33	251527.13	4062845.67	1.44E-07	4.26E-07	1.00E-08	5.80E-07
34	251577	4062852.8	1.48E-07	4.38E-07	1.03E-08	5.96E-07
35	251612.61	4062851.02	1.50E-07	4.43E-07	1.04E-08	6.03E-07
36	251673.16	4062845.67	1.51E-07	4.47E-07	1.05E-08	6.09E-07
37	251730.15	4062847.46	1.53E-07	4.52E-07	1.06E-08	6.15E-07
38	251776.45	4062847.46	1.53E-07	4.53E-07	1.06E-08	6.17E-07
39	251806.73	4062843.89	1.52E-07	4.51E-07	1.06E-08	6.14E-07
40	251787.14	4062761.97	1.38E-07	4.09E-07	9.62E-09	5.57E-07
41	251742.62	4062772.66	1.40E-07	4.14E-07	9.74E-09	5.64E-07
42	251699.88	4062774.44	1.40E-07	4.14E-07	9.74E-09	5.64E-07
43	251657.14	4062774.44	1.39E-07	4.12E-07	9.68E-09	5.61E-07
44	251621.52	4062776.22	1.38E-07	4.10E-07	9.63E-09	5.58E-07
45	251580.56	4062778	1.37E-07	4.05E-07	9.53E-09	5.52E-07
46	251534.26	4062778	1.35E-07	3.99E-07	9.37E-09	5.43E-07
47	251468.37	4062779.78	1.31E-07	3.88E-07	9.13E-09	5.29E-07
48	251382.89	4062811.84	1.31E-07	3.88E-07	9.13E-09	5.29E-07
49	251379.32	4062842.11	1.35E-07	4.01E-07	9.42E-09	5.46E-07
50	250861.1	4063340.75	2.43E-07	7.18E-07	1.69E-08	9.78E-07
51	250791.65	4063342.53	2.38E-07	7.04E-07	1.66E-08	9.59E-07
52	250725.75	4063340.75	2.32E-07	6.88E-07	1.62E-08	9.36E-07
53	250672.33	4063346.09	2.30E-07	6.81E-07	1.60E-08	9.27E-07
54	250716.85	4064051.3	3.93E-07	1.16E-06	2.73E-08	1.58E-06
55	250868.22	4064396.79	3.98E-07	1.18E-06	2.77E-08	1.60E-06
56	250903.84	4064325.55	4.38E-07	1.30E-06	3.05E-08	1.77E-06
57	250859.32	4064323.77	4.14E-07	1.23E-06	2.88E-08	1.67E-06
58	250697.26	4064218.7	3.62E-07	1.07E-06	2.52E-08	1.46E-06
59	250639.08	4064571.48	2.78E-07	8.21E-07	1.93E-08	1.12E-06
60	253553.04	4065588.82	1.24E-08	3.68E-08	8.66E-10	5.01E-08
61	253561.06	4065673.11	1.17E-08	3.46E-08	8.14E-10	4.72E-08
62	253593.17	4065616.92	1.20E-08	3.55E-08	8.34E-10	4.83E-08
63	250663.21	4065572.77	8.79E-08	2.60E-07	6.12E-09	3.54E-07
64	250651.17	4065480.45	1.00E-07	2.96E-07	6.97E-09	4.03E-07
65	250647.16	4065303.85	1.30E-07	3.85E-07	9.06E-09	5.25E-07
66	250659.2	4065203.51	1.52E-07	4.49E-07	1.06E-08	6.12E-07
67	250651.17	4065119.23	1.72E-07	5.08E-07	1.19E-08	6.91E-07
68	250651.17	4064970.72	2.07E-07	6.13E-07	1.44E-08	8.34E-07
69	250647.16	4064886.44	2.26E-07	6.67E-07	1.57E-08	9.09E-07
70	250647.16	4064782.08	2.47E-07	7.30E-07	1.72E-08	9.94E-07
71	250647.16	4064858.34	2.32E-07	6.85E-07	1.61E-08	9.33E-07
72	250651.17	4064705.82	2.61E-07	7.72E-07	1.82E-08	1.05E-06
73	251060.57	4065641	7.55E-08	2.23E-07	5.25E-09	3.04E-07
74	251072.61	4065592.84	8.01E-08	2.37E-07	5.57E-09	3.23E-07
75	250964.24	4065649.03	7.59E-08	2.24E-07	5.28E-09	3.06E-07
76	250879.95	4065657.05	7.60E-08	2.25E-07	5.29E-09	3.06E-07
77	250879.95	4065616.92	8.00E-08	2.37E-07	5.56E-09	3.22E-07
78	250968.25	4065600.86	8.06E-08	2.38E-07	5.61E-09	3.25E-07
79	250811.72	4065665.08	7.60E-08	2.25E-07	5.29E-09	3.06E-07

Worker Risk

					Max	1.07E-06
			Year 1	Year 2	Year 3	Total
1	252295.1	4064359.62	1.353E-08	4.33E-08	4.30E-09	6.117E-08
2	252312.1	4064377.23	1.0367E-08	3.32E-08	3.30E-09	4.687E-08
3	252349.2	4064411.12	6.7506E-09	2.16E-08	2.15E-09	3.052E-08
4	252320.5	4064424.11	6.9461E-09	2.22E-08	2.21E-09	3.140E-08
5	252385.3	4064445.41	4.797E-09	1.54E-08	1.52E-09	2.169E-08
6	252355.3	4064459.03	4.9068E-09	1.57E-08	1.56E-09	2.218E-08
7	252325.3	4064472.65	5.1052E-09	1.64E-08	1.62E-09	2.308E-08
8	252295.3	4064486.26	5.3412E-09	1.71E-08	1.70E-09	2.415E-08
9	252421.6	4064479.63	3.6022E-09	1.15E-08	1.14E-09	1.629E-08
10	252401	4064488.98	3.6354E-09	1.16E-08	1.16E-09	1.643E-08
11	252380.4	4064498.32	3.7071E-09	1.19E-08	1.18E-09	1.676E-08
12	252359.8	4064507.67	3.8105E-09	1.22E-08	1.21E-09	1.723E-08
13	252339.3	4064517.01	3.9338E-09	1.26E-08	1.25E-09	1.778E-08
14	252318.7	4064526.36	4.0644E-09	1.30E-08	1.29E-09	1.837E-08
15	252298.1	4064535.7	4.1954E-09	1.34E-08	1.33E-09	1.897E-08
16	252458.5	4064513.59	2.8139E-09	9.01E-09	8.94E-10	1.272E-08
17	252428.5	4064527.2	2.8488E-09	9.12E-09	9.05E-10	1.288E-08
18	252398.5	4064540.82	2.9439E-09	9.43E-09	9.36E-10	1.331E-08
19	252368.5	4064554.44	3.0835E-09	9.88E-09	9.80E-10	1.394E-08
20	252338.5	4064568.06	3.2402E-09	1.04E-08	1.03E-09	1.465E-08
21	252308.5	4064581.67	3.3912E-09	1.09E-08	1.08E-09	1.533E-08
22	252531.2	4064581.93	1.8684E-09	5.98E-09	5.94E-10	8.447E-09
23	252510.5	4064591.34	1.8731E-09	6.00E-09	5.95E-10	8.468E-09
24	252489.8	4064600.76	1.8955E-09	6.07E-09	6.02E-10	8.569E-09
25	252469	4064610.17	1.9353E-09	6.20E-09	6.15E-10	8.749E-09
26	252448.3	4064619.59	1.9905E-09	6.38E-09	6.33E-10	8.999E-09
27	252427.6	4064629	2.0576E-09	6.59E-09	6.54E-10	9.302E-09
28	252406.8	4064638.42	2.1319E-09	6.83E-09	6.78E-10	9.638E-09
29	252386.1	4064647.83	2.2084E-09	7.07E-09	7.02E-10	9.984E-09
30	252365.4	4064657.25	2.2823E-09	7.31E-09	7.25E-10	1.032E-08
31	252344.6	4064666.66	2.35E-09	7.53E-09	7.47E-10	1.062E-08
32	252323.9	4064676.07	2.4097E-09	7.72E-09	7.66E-10	1.089E-08
33	252303.2	4064685.49	2.4614E-09	7.88E-09	7.82E-10	1.113E-08
34	252604.5	4064650.07	1.342E-09	4.30E-09	4.27E-10	6.067E-09
35	252583.9	4064659.42	1.3427E-09	4.30E-09	4.27E-10	6.070E-09
36	252563.3	4064668.76	1.354E-09	4.34E-09	4.30E-10	6.121E-09
37	252542.7	4064678.11	1.376E-09	4.41E-09	4.37E-10	6.221E-09
38	252522.2	4064687.45	1.4082E-09	4.51E-09	4.48E-10	6.366E-09
39	252501.6	4064696.8	1.4493E-09	4.64E-09	4.61E-10	6.552E-09
40	252481	4064706.14	1.4973E-09	4.80E-09	4.76E-10	6.769E-09
41	252460.4	4064715.49	1.55E-09	4.96E-09	4.93E-10	7.007E-09
42	252439.8	4064724.83	1.6047E-09	5.14E-09	5.10E-10	7.255E-09
43	252419.2	4064734.18	1.6587E-09	5.31E-09	5.27E-10	7.499E-09
44	252398.7	4064743.52	1.7095E-09	5.48E-09	5.43E-10	7.728E-09
45	252378.1	4064752.87	1.7551E-09	5.62E-09	5.58E-10	7.934E-09
46	252357.5	4064762.21	1.7943E-09	5.75E-09	5.70E-10	8.112E-09
47	252336.9	4064771.56	1.8266E-09	5.85E-09	5.81E-10	8.258E-09
48	252316.3	4064780.9	1.8526E-09	5.93E-09	5.89E-10	8.375E-09
49	252677.7	4064718.22	1.0178E-09	3.26E-09	3.24E-10	4.601E-09
50	252647	4064732.17	1.0197E-09	3.27E-09	3.24E-10	4.610E-09
51	252616.2	4064746.12	1.0365E-09	3.32E-09	3.29E-10	4.686E-09
52	252595.8	4064755.42	1.056E-09	3.38E-09	3.36E-10	4.774E-09
53	252565	4064769.37	1.0967E-09	3.51E-09	3.49E-10	4.958E-09
54	252544.6	4064778.67	1.1302E-09	3.62E-09	3.59E-10	5.109E-09
55	252513.8	4064792.62	1.187E-09	3.80E-09	3.77E-10	5.366E-09
56	252493.3	4064801.92	1.2272E-09	3.93E-09	3.90E-10	5.548E-09
57	252462.6	4064815.87	1.287E-09	4.12E-09	4.09E-10	5.818E-09
58	252442.1	4064825.17	1.3244E-09	4.24E-09	4.21E-10	5.987E-09
59	252411.4	4064839.12	1.3739E-09	4.40E-09	4.37E-10	6.211E-09
60	252390.9	4064848.42	1.4011E-09	4.49E-09	4.45E-10	6.334E-09
61	252360.2	4064862.37	1.4321E-09	4.59E-09	4.55E-10	6.474E-09
62	252339.7	4064871.67	1.4468E-09	4.63E-09	4.60E-10	6.541E-09
63	252309	4064885.62	1.4621E-09	4.68E-09	4.65E-10	6.610E-09
64	252750.9	4064786.38	8.0342E-10	2.57E-09	2.55E-10	3.632E-09
65	252720.3	4064800.28	8.04E-10	2.58E-09	2.56E-10	3.635E-09
66	252689.7	4064814.19	8.1421E-10	2.61E-09	2.59E-10	3.681E-09
67	252659	4064828.09	8.3424E-10	2.67E-09	2.65E-10	3.771E-09
68	252628.4	4064841.99	8.636E-10	2.77E-09	2.74E-10	3.904E-09
69	252597.8	4064855.89	9.0095E-10	2.89E-09	2.86E-10	4.073E-09
70	252567.2	4064869.79	9.4389E-10	3.02E-09	3.00E-10	4.267E-09
71	252536.6	4064883.69	9.8963E-10	3.17E-09	3.15E-10	4.474E-09
72	252505.9	4064897.59	1.0349E-09	3.31E-09	3.29E-10	4.679E-09
73	252475.3	4064911.49	1.0766E-09	3.45E-09	3.42E-10	4.867E-09
74	252444.7	4064925.39	1.1123E-09	3.56E-09	3.54E-10	5.028E-09
75	252414.1	4064939.3	1.1402E-09	3.65E-09	3.62E-10	5.155E-09
76	252383.5	4064953.2	1.1596E-09	3.71E-09	3.69E-10	5.242E-09
77	252352.9	4064967.1	1.1714E-09	3.75E-09	3.72E-10	5.296E-09
78	252322.2	4064981	1.1777E-09	3.77E-09	3.74E-10	5.324E-09
79	252823.9	4064854.63	6.5365E-10	2.09E-09	2.08E-10	2.955E-09
80	252803.1	4064864.05	6.5307E-10	2.09E-09	2.08E-10	2.952E-09
81	252782.4	4064873.46	6.555E-10	2.10E-09	2.08E-10	2.963E-09
82	252761.7	4064882.88	6.6082E-10	2.12E-09	2.10E-10	2.987E-09
83	252740.9	4064892.29	6.6927E-10	2.14E-09	2.13E-10	3.026E-09
84	252720.2	4064901.71	6.807E-10	2.18E-09	2.16E-10	3.077E-09
85	252699.5	4064911.12	6.9501E-10	2.23E-09	2.21E-10	3.142E-09
86	252678.7	4064920.53	7.1212E-10	2.28E-09	2.26E-10	3.219E-09
87	252658	4064929.95	7.3172E-10	2.34E-09	2.33E-10	3.308E-09
88	252637.3	4064939.36	7.5336E-10	2.41E-09	2.39E-10	3.406E-09
89	252616.5	4064948.78	7.7661E-10	2.49E-09	2.47E-10	3.511E-09
90	252595.8	4064958.19	8.0081E-10	2.56E-09	2.55E-10	3.620E-09
91	252575.1	4064967.61	8.253E-10	2.64E-09	2.62E-10	3.731E-09

92	252554.3	4064977.02	8.4925E-10	2.72E-09	2.70E-10	3.839E-09
93	252533.6	4064986.44	8.7208E-10	2.79E-09	2.77E-10	3.942E-09
94	252512.8	4064995.85	8.9326E-10	2.86E-09	2.84E-10	4.038E-09
95	252492.1	4065005.26	9.1222E-10	2.92E-09	2.90E-10	4.124E-09
96	252471.4	4065014.68	9.287E-10	2.97E-09	2.95E-10	4.198E-09
97	252450.6	4065024.09	9.424E-10	3.02E-09	3.00E-10	4.260E-09
98	252429.9	4065033.51	9.5331E-10	3.05E-09	3.03E-10	4.310E-09
99	252409.2	4065042.92	9.6143E-10	3.08E-09	3.06E-10	4.346E-09
100	252388.4	4065052.34	9.6699E-10	3.10E-09	3.07E-10	4.372E-09
101	252367.7	4065061.75	9.7043E-10	3.11E-09	3.08E-10	4.387E-09
102	252347	4065071.17	9.7219E-10	3.11E-09	3.09E-10	4.395E-09
103	252326.2	4065080.58	9.7304E-10	3.12E-09	3.09E-10	4.399E-09
104	252284.8	4065099.41	9.7495E-10	3.12E-09	3.10E-10	4.408E-09
105	252897.1	4064922.79	5.4463E-10	1.74E-09	1.73E-10	2.462E-09
106	252876.4	4064932.17	5.442E-10	1.74E-09	1.73E-10	2.460E-09
107	252855.8	4064941.54	5.4575E-10	1.75E-09	1.73E-10	2.467E-09
108	252835.1	4064950.92	5.4937E-10	1.76E-09	1.75E-10	2.484E-09
109	252814.5	4064960.29	5.5505E-10	1.78E-09	1.76E-10	2.509E-09
110	252793.8	4064969.67	5.6274E-10	1.80E-09	1.79E-10	2.544E-09
111	252773.2	4064979.04	5.7253E-10	1.83E-09	1.82E-10	2.588E-09
112	252752.5	4064988.42	5.8435E-10	1.87E-09	1.86E-10	2.642E-09
113	252731.9	4064997.8	5.9818E-10	1.92E-09	1.90E-10	2.704E-09
114	252711.2	4065007.17	6.1377E-10	1.97E-09	1.95E-10	2.775E-09
115	252690.6	4065016.55	6.3094E-10	2.02E-09	2.01E-10	2.852E-09
116	252669.9	4065025.92	6.493E-10	2.08E-09	2.06E-10	2.935E-09
117	252649.3	4065035.3	6.6854E-10	2.14E-09	2.12E-10	3.022E-09
118	252628.6	4065044.68	6.8808E-10	2.20E-09	2.19E-10	3.111E-09
119	252608	4065054.05	7.0747E-10	2.27E-09	2.25E-10	3.198E-09
120	252587.3	4065063.43	7.261E-10	2.33E-09	2.31E-10	3.283E-09
121	252566.7	4065072.8	7.4364E-10	2.38E-09	2.36E-10	3.362E-09
122	252546	4065082.18	7.5969E-10	2.43E-09	2.41E-10	3.434E-09
123	252525.4	4065091.56	7.7397E-10	2.48E-09	2.46E-10	3.499E-09
124	252504.7	4065100.93	7.8634E-10	2.52E-09	2.50E-10	3.555E-09
125	252484.1	4065110.31	7.9661E-10	2.55E-09	2.53E-10	3.601E-09
126	252463.4	4065119.68	8.0485E-10	2.58E-09	2.56E-10	3.639E-09
127	252442.8	4065129.06	8.1108E-10	2.60E-09	2.58E-10	3.667E-09
128	252422.1	4065138.43	8.1546E-10	2.61E-09	2.59E-10	3.686E-09
129	252401.5	4065147.81	8.1819E-10	2.62E-09	2.60E-10	3.699E-09
130	252380.8	4065157.19	8.1956E-10	2.63E-09	2.61E-10	3.705E-09
131	252360.2	4065166.56	8.1995E-10	2.63E-09	2.61E-10	3.707E-09
132	252339.5	4065175.94	8.198E-10	2.63E-09	2.61E-10	3.706E-09
133	252318.9	4065185.31	8.1956E-10	2.63E-09	2.61E-10	3.705E-09
134	252305.3	4064296.34	3.0735E-08	9.84E-08	9.77E-09	1.389E-07
135	252330.3	4064294.55	2.4455E-08	7.83E-08	7.77E-09	1.106E-07
136	252314.3	4064339.75	1.4985E-08	4.80E-08	4.76E-09	6.775E-08
137	252355.2	4064292.76	2.0321E-08	6.51E-08	6.46E-09	9.187E-08
138	252339.2	4064337.96	1.3229E-08	4.24E-08	4.20E-09	5.981E-08
139	252331.3	4064360.56	1.0978E-08	3.52E-08	3.49E-09	4.963E-08
140	252405.1	4064289.18	1.5137E-08	4.85E-08	4.81E-09	6.843E-08
141	252389.1	4064334.38	1.0716E-08	3.43E-08	3.41E-09	4.845E-08
142	252381.1	4064356.98	9.1146E-09	2.92E-08	2.90E-09	4.121E-08
143	252373.2	4064379.58	7.8163E-09	2.50E-08	2.48E-09	3.534E-08
144	252454.9	4064285.6	1.1946E-08	3.83E-08	3.80E-09	5.401E-08
145	252447	4064308.2	1.0341E-08	3.31E-08	3.29E-09	4.675E-08
146	252431	4064353.4	7.8068E-09	2.50E-08	2.48E-09	3.529E-08
147	252423	4064376	6.8114E-09	2.18E-08	2.17E-09	3.079E-08
148	252415.1	4064398.6	5.9549E-09	1.91E-08	1.89E-09	2.692E-08
149	252407.1	4064421.2	5.2351E-09	1.68E-08	1.66E-09	2.367E-08
150	252504.8	4064282.02	9.7452E-09	3.12E-08	3.10E-09	4.406E-08
151	252496.8	4064304.62	8.6293E-09	2.76E-08	2.74E-09	3.901E-08
152	252480.9	4064349.82	6.7934E-09	2.18E-08	2.16E-09	3.071E-08
153	252472.9	4064372.42	6.0368E-09	1.93E-08	1.92E-09	2.729E-08
154	252464.9	4064395.02	5.3564E-09	1.72E-08	1.70E-09	2.421E-08
155	252457	4064417.62	4.7458E-09	1.52E-08	1.51E-09	2.146E-08
156	252449	4064440.22	4.2126E-09	1.35E-08	1.34E-09	1.904E-08
157	252441	4064462.82	3.7649E-09	1.21E-08	1.20E-09	1.702E-08
158	252554.7	4064278.44	8.1289E-09	2.60E-08	2.58E-09	3.675E-08
159	252546.7	4064301.04	7.3201E-09	2.34E-08	2.33E-09	3.309E-08
160	252530.8	4064346.24	5.962E-09	1.91E-08	1.90E-09	2.695E-08
161	252522.8	4064368.84	5.3872E-09	1.73E-08	1.71E-09	2.435E-08
162	252514.8	4064391.44	4.8577E-09	1.56E-08	1.54E-09	2.196E-08
163	252506.8	4064414.04	4.3632E-09	1.40E-08	1.39E-09	1.973E-08
164	252498.9	4064436.64	3.9056E-09	1.25E-08	1.24E-09	1.766E-08
165	252490.9	4064459.24	3.4942E-09	1.12E-08	1.11E-09	1.580E-08
166	252482.9	4064481.84	3.1386E-09	1.01E-08	9.98E-10	1.419E-08
167	252654.4	4064271.33	5.936E-09	1.90E-08	1.89E-09	2.684E-08
168	252646.3	4064294.21	5.4554E-09	1.75E-08	1.73E-09	2.466E-08
169	252630.2	4064339.99	4.6493E-09	1.49E-08	1.48E-09	2.102E-08
170	252622.1	4064362.87	4.3063E-09	1.38E-08	1.37E-09	1.947E-08
171	252614	4064385.76	3.9863E-09	1.28E-08	1.27E-09	1.802E-08
172	252606	4064408.65	3.6782E-09	1.18E-08	1.17E-09	1.663E-08
173	252597.9	4064431.53	3.376E-09	1.08E-08	1.07E-09	1.526E-08
174	252589.8	4064454.42	3.0795E-09	9.86E-09	9.79E-10	1.392E-08
175	252581.7	4064477.31	2.7945E-09	8.95E-09	8.88E-10	1.263E-08
176	252573.6	4064500.19	2.5293E-09	8.10E-09	8.04E-10	1.143E-08
177	252565.6	4064523.08	2.2913E-09	7.34E-09	7.28E-10	1.036E-08
178	252557.5	4064545.97	2.0856E-09	6.68E-09	6.63E-10	9.429E-09
179	252730	4064332.64	3.7118E-09	1.19E-08	1.18E-09	1.678E-08
180	252721.9	4064355.47	3.4928E-09	1.12E-08	1.11E-09	1.579E-08
181	252713.9	4064378.3	3.2935E-09	1.05E-08	1.05E-09	1.489E-08
182	252705.8	4064401.13	3.1047E-09	9.94E-09	9.87E-10	1.404E-08
183	252697.8	4064423.96	2.9183E-09	9.35E-09	9.28E-10	1.319E-08
184	252689.7	4064446.79	2.7293E-09	8.74E-09	8.68E-10	1.234E-08
185	252681.7	4064469.62	2.5365E-09	8.12E-09	8.06E-10	1.147E-08

186	252673.6	4064492.45	2.342E-09	7.50E-09	7.44E-10	1.059E-08
187	252665.5	4064515.27	2.1504E-09	6.89E-09	6.84E-10	9.722E-09
188	252657.5	4064538.1	1.9673E-09	6.30E-09	6.25E-10	8.894E-09
189	252649.4	4064560.93	1.7979E-09	5.76E-09	5.71E-10	8.128E-09
190	252641.4	4064583.76	1.6463E-09	5.27E-09	5.23E-10	7.443E-09
191	252633.3	4064606.59	1.5148E-09	4.85E-09	4.81E-10	6.848E-09
192	252625.3	4064629.42	1.404E-09	4.50E-09	4.46E-10	6.347E-09
193	252821.7	4064348.15	2.871E-09	9.20E-09	9.13E-10	1.298E-08
194	252813.7	4064370.94	2.7352E-09	8.76E-09	8.69E-10	1.237E-08
195	252805.6	4064393.73	2.6117E-09	8.37E-09	8.30E-10	1.181E-08
196	252797.6	4064416.52	2.4941E-09	7.99E-09	7.93E-10	1.128E-08
197	252789.6	4064439.31	2.3764E-09	7.61E-09	7.55E-10	1.074E-08
198	252781.5	4064462.1	2.2549E-09	7.22E-09	7.17E-10	1.019E-08
199	252773.5	4064484.9	2.1275E-09	6.81E-09	6.76E-10	9.618E-09
200	252765.4	4064507.69	1.9946E-09	6.39E-09	6.34E-10	9.017E-09
201	252757.4	4064530.48	1.8584E-09	5.95E-09	5.91E-10	8.401E-09
202	252921.5	4064340.88	2.3997E-09	7.69E-09	7.63E-10	1.085E-08
203	252913.5	4064363.64	2.2979E-09	7.36E-09	7.30E-10	1.039E-08
204	252905.5	4064386.4	2.209E-09	7.08E-09	7.02E-10	9.987E-09
205	252897.4	4064409.17	2.1284E-09	6.82E-09	6.77E-10	9.622E-09
206	252889.4	4064431.93	2.0516E-09	6.57E-09	6.52E-10	9.275E-09
207	252881.4	4064454.69	1.9746E-09	6.32E-09	6.28E-10	8.927E-09
208	252873.3	4064477.46	1.8943E-09	6.07E-09	6.02E-10	8.564E-09
209	252865.3	4064500.22	1.8086E-09	5.79E-09	5.75E-10	8.176E-09
210	252857.3	4064522.98	1.717E-09	5.50E-09	5.46E-10	7.762E-09
211	252785	4064727.85	9.1709E-10	2.94E-09	2.91E-10	4.146E-09
212	252776.9	4064750.62	8.6281E-10	2.76E-09	2.74E-10	3.901E-09
213	253021.1	4064334.23	2.0374E-09	6.53E-09	6.48E-10	9.211E-09
214	253013	4064357.12	1.9555E-09	6.26E-09	6.22E-10	8.840E-09
215	253004.9	4064380.01	1.8855E-09	6.04E-09	5.99E-10	8.524E-09
216	252996.8	4064402.89	1.8245E-09	5.84E-09	5.80E-10	8.248E-09
217	252988.8	4064425.78	1.7696E-09	5.67E-09	5.62E-10	8.000E-09
218	252980.7	4064448.67	1.7173E-09	5.50E-09	5.46E-10	7.763E-09
219	252972.6	4064471.55	1.6648E-09	5.33E-09	5.29E-10	7.526E-09
220	252964.5	4064494.44	1.6096E-09	5.16E-09	5.12E-10	7.277E-09
221	252956.5	4064517.33	1.55E-09	4.96E-09	4.93E-10	7.007E-09
222	252883.8	4064723.31	8.9928E-10	2.88E-09	2.86E-10	4.065E-09
223	252875.7	4064746.19	8.4007E-10	2.69E-09	2.67E-10	3.798E-09
224	252867.6	4064769.08	7.8734E-10	2.52E-09	2.50E-10	3.559E-09
225	252859.5	4064791.97	7.4139E-10	2.37E-09	2.36E-10	3.352E-09
226	252851.5	4064814.85	7.0185E-10	2.25E-09	2.23E-10	3.173E-09
227	252843.4	4064837.74	6.6839E-10	2.14E-09	2.12E-10	3.022E-09
228	253112.8	4064349.79	1.6902E-09	5.41E-09	5.37E-10	7.641E-09
229	253104.7	4064372.65	1.6314E-09	5.23E-09	5.19E-10	7.375E-09
230	253096.7	4064395.5	1.5816E-09	5.07E-09	5.03E-10	7.150E-09
231	253088.6	4064418.36	1.5383E-09	4.93E-09	4.89E-10	6.954E-09
232	253080.5	4064441.21	1.4999E-09	4.80E-09	4.77E-10	6.781E-09
233	253072.5	4064464.07	1.4635E-09	4.69E-09	4.65E-10	6.616E-09
234	253064.4	4064486.92	1.4269E-09	4.57E-09	4.54E-10	6.451E-09
235	253056.3	4064509.78	1.3885E-09	4.45E-09	4.41E-10	6.277E-09
236	252983.8	4064715.47	8.9803E-10	2.88E-09	2.85E-10	4.060E-09
237	252975.7	4064738.32	8.4089E-10	2.69E-09	2.67E-10	3.801E-09
238	252967.6	4064761.18	7.8725E-10	2.52E-09	2.50E-10	3.559E-09
239	252959.6	4064784.03	7.3786E-10	2.36E-09	2.35E-10	3.336E-09
240	252951.5	4064806.89	6.9325E-10	2.22E-09	2.20E-10	3.134E-09
241	252943.4	4064829.74	6.5362E-10	2.09E-09	2.08E-10	2.955E-09
242	252935.4	4064852.6	6.1888E-10	1.98E-09	1.97E-10	2.798E-09
243	252927.3	4064875.45	5.8879E-10	1.89E-09	1.87E-10	2.662E-09
244	252919.2	4064898.3	5.6299E-10	1.80E-09	1.79E-10	2.545E-09
245	252256.5	4064392.11	1.244E-08	3.98E-08	3.95E-09	5.624E-08
246	252256.5	4064692.11	2.6826E-09	8.59E-09	8.53E-10	1.213E-08
247	252256.5	4064892.11	1.5446E-09	4.95E-09	4.91E-10	6.983E-09
248	252256.5	4064992.11	1.2338E-09	3.95E-09	3.92E-10	5.578E-09
249	252256.5	4065092.11	1.0129E-09	3.24E-09	3.22E-10	4.579E-09
250	252256.5	4065192.11	8.5259E-10	2.73E-09	2.71E-10	3.854E-09
251	252309.4	4064266.26	5.1082E-08	1.64E-07	1.62E-08	2.309E-07
252	252308.6	4064242.13	7.4904E-08	2.40E-07	2.38E-08	3.386E-07
253	252307.7	4064217.99	9.7897E-08	3.14E-07	3.11E-08	4.426E-07
254	252306.9	4064193.85	1.1752E-07	3.76E-07	3.74E-08	5.313E-07
255	252306.1	4064169.71	1.3352E-07	4.28E-07	4.24E-08	6.036E-07
256	252305.3	4064145.58	1.4587E-07	4.67E-07	4.64E-08	6.594E-07
257	252304.4	4064121.44	1.5415E-07	4.94E-07	4.90E-08	6.969E-07
258	252334.4	4064265.41	3.6338E-08	1.16E-07	1.16E-08	1.643E-07
259	252333.6	4064241.27	5.1226E-08	1.64E-07	1.63E-08	2.316E-07
260	252332.7	4064217.13	6.7637E-08	2.17E-07	2.15E-08	3.058E-07
261	252331.9	4064193	8.3337E-08	2.67E-07	2.65E-08	3.767E-07
262	252331.1	4064168.86	9.7108E-08	3.11E-07	3.09E-08	4.390E-07
263	252330.3	4064144.72	1.0842E-07	3.47E-07	3.45E-08	4.901E-07
264	252329.4	4064120.59	1.1679E-07	3.74E-07	3.71E-08	5.280E-07
265	252359.4	4064264.55	2.8093E-08	9.00E-08	8.93E-09	1.270E-07
266	252358.5	4064240.42	3.8004E-08	1.22E-07	1.21E-08	1.718E-07
267	252357.7	4064216.28	4.9595E-08	1.59E-07	1.58E-08	2.242E-07
268	252356.9	4064192.14	6.1615E-08	1.97E-07	1.96E-08	2.785E-07
269	252356.1	4064168.01	7.296E-08	2.34E-07	2.32E-08	3.298E-07
270	252355.2	4064143.87	8.288E-08	2.65E-07	2.63E-08	3.747E-07
271	252354.4	4064119.73	9.0851E-08	2.91E-07	2.89E-08	4.107E-07
272	252409.3	4064262.84	1.9115E-08	6.12E-08	6.08E-09	8.641E-08
273	252408.5	4064238.71	2.4306E-08	7.79E-08	7.73E-09	1.099E-07
274	252407.7	4064214.57	3.0497E-08	9.77E-08	9.69E-09	1.379E-07
275	252406.9	4064190.43	3.7415E-08	1.20E-07	1.19E-08	1.691E-07
276	252406	4064166.3	4.4624E-08	1.43E-07	1.42E-08	2.017E-07
277	252405.2	4064142.16	5.1639E-08	1.65E-07	1.64E-08	2.335E-07
278	252404.4	4064118.02	5.7985E-08	1.86E-07	1.84E-08	2.621E-07
279	252459.3	4064261.14	1.4245E-08	4.56E-08	4.53E-09	6.440E-08

280	252458.5	4064237	1.7388E-08	5.57E-08	5.53E-09	7.861E-08
281	252457.7	4064212.86	2.109E-08	6.75E-08	6.70E-09	9.534E-08
282	252456.8	4064188.72	2.5296E-08	8.10E-08	8.04E-09	1.144E-07
283	252456	4064164.59	2.9874E-08	9.57E-08	9.50E-09	1.351E-07
284	252455.2	4064140.45	3.4614E-08	1.11E-07	1.10E-08	1.565E-07
285	252454.4	4064116.31	3.924E-08	1.26E-07	1.25E-08	1.774E-07
286	252509.3	4064259.43	1.1165E-08	3.58E-08	3.55E-09	5.048E-08
287	252508.5	4064235.29	1.3247E-08	4.24E-08	4.21E-09	5.989E-08
288	252507.6	4064211.15	1.5671E-08	5.02E-08	4.98E-09	7.084E-08
289	252506.8	4064187.01	1.8421E-08	5.90E-08	5.86E-09	8.328E-08
290	252506	4064162.88	2.1452E-08	6.87E-08	6.82E-09	9.698E-08
291	252505.2	4064138.74	2.4682E-08	7.91E-08	7.85E-09	1.116E-07
292	252504.3	4064114.6	2.7968E-08	8.96E-08	8.89E-09	1.264E-07
293	252558.4	4064233.58	1.0516E-08	3.37E-08	3.34E-09	4.754E-08
294	252557.6	4064209.44	1.2213E-08	3.91E-08	3.88E-09	5.521E-08
295	252556.8	4064185.3	1.4128E-08	4.52E-08	4.49E-09	6.387E-08
296	252556	4064161.17	1.6237E-08	5.20E-08	5.16E-09	7.340E-08
297	252555.1	4064137.03	1.8502E-08	5.93E-08	5.88E-09	8.364E-08
298	252554.3	4064112.89	2.0853E-08	6.68E-08	6.63E-09	9.427E-08
299	252658.4	4064230.16	7.1935E-09	2.30E-08	2.29E-09	3.252E-08
300	252657.5	4064206.02	8.147E-09	2.61E-08	2.59E-09	3.683E-08
301	252656.7	4064181.89	9.2093E-09	2.95E-08	2.93E-09	4.163E-08
302	252655.9	4064157.75	1.0367E-08	3.32E-08	3.30E-09	4.687E-08
303	252655.1	4064133.61	1.1602E-08	3.72E-08	3.69E-09	5.245E-08
304	252654.2	4064109.47	1.2891E-08	4.13E-08	4.10E-09	5.828E-08
305	252280.5	4064058.68	1.6841E-07	5.39E-07	5.35E-08	7.614E-07
306	252303.7	4064068.05	1.4782E-07	4.73E-07	4.70E-08	6.682E-07
307	252315.5	4064089.19	1.3805E-07	4.42E-07	4.39E-08	6.241E-07
308	252303.7	4064043.05	1.3191E-07	4.23E-07	4.19E-08	5.963E-07
309	252325.2	4064054.09	1.1931E-07	3.82E-07	3.79E-08	5.394E-07
310	252335.4	4064076.92	1.1408E-07	3.65E-07	3.63E-08	5.157E-07
311	252375.2	4064052.39	8.2717E-08	2.65E-07	2.63E-08	3.739E-07
312	252385.4	4064075.22	7.5767E-08	2.43E-07	2.41E-08	3.425E-07
313	252425.2	4064050.68	5.848E-08	1.87E-07	1.86E-08	2.644E-07
314	252435.3	4064073.51	5.2297E-08	1.68E-07	1.66E-08	2.364E-07
315	252422.3	4063941	5.4195E-08	1.74E-07	1.72E-08	2.450E-07
316	252435.9	4063960.79	5.3539E-08	1.71E-07	1.70E-08	2.420E-07
317	252446.3	4063984.01	5.2403E-08	1.68E-07	1.67E-08	2.369E-07
318	252456.6	4064007.22	4.9786E-08	1.59E-07	1.58E-08	2.251E-07
319	252466.9	4064030.44	4.5963E-08	1.47E-07	1.46E-08	2.078E-07
320	252477.2	4064053.66	4.1313E-08	1.32E-07	1.31E-08	1.868E-07
321	252487.6	4064076.87	3.6227E-08	1.16E-07	1.15E-08	1.638E-07
322	252280.9	4063833.83	3.6593E-08	1.17E-07	1.16E-08	1.654E-07
323	252304.4	4063843.33	3.9753E-08	1.27E-07	1.26E-08	1.797E-07
324	252445.3	4063900.3	4.5449E-08	1.46E-07	1.44E-08	2.055E-07
325	252465.5	4063913.21	4.4012E-08	1.41E-07	1.40E-08	1.990E-07
326	252475.8	4063936.36	4.3937E-08	1.41E-07	1.40E-08	1.986E-07
327	252486.1	4063959.51	4.281E-08	1.37E-07	1.36E-08	1.935E-07
328	252496.4	4063982.67	4.0702E-08	1.30E-07	1.29E-08	1.840E-07
329	252506.7	4064005.82	3.78E-08	1.21E-07	1.20E-08	1.709E-07
330	252517	4064028.97	3.4342E-08	1.10E-07	1.09E-08	1.553E-07
331	252527.3	4064052.12	3.0576E-08	9.79E-08	9.72E-09	1.382E-07
332	252537.6	4064075.27	2.674E-08	8.56E-08	8.50E-09	1.209E-07
333	252304.2	4063743.26	2.4074E-08	7.71E-08	7.65E-09	1.088E-07
334	252327.6	4063752.72	2.6036E-08	8.34E-08	8.28E-09	1.177E-07
335	252351	4063762.18	2.7931E-08	8.95E-08	8.88E-09	1.263E-07
336	252374.4	4063771.64	2.9676E-08	9.51E-08	9.43E-09	1.342E-07
337	252397.8	4063781.11	3.118E-08	9.99E-08	9.91E-09	1.410E-07
338	252421.3	4063790.57	3.2341E-08	1.04E-07	1.03E-08	1.462E-07
339	252444.7	4063800.03	3.3072E-08	1.06E-07	1.05E-08	1.495E-07
340	252468.1	4063809.49	3.3314E-08	1.07E-07	1.06E-08	1.506E-07
341	252491.5	4063818.95	3.3043E-08	1.06E-07	1.05E-08	1.494E-07
342	252514.9	4063828.42	3.2291E-08	1.03E-07	1.03E-08	1.460E-07
343	252555.5	4063887.42	3.1281E-08	1.00E-07	9.94E-09	1.414E-07
344	252565.8	4063910.49	3.034E-08	9.72E-08	9.64E-09	1.372E-07
345	252576	4063933.56	2.8913E-08	9.26E-08	9.19E-09	1.307E-07
346	252586.3	4063956.63	2.7093E-08	8.68E-08	8.61E-09	1.225E-07
347	252596.5	4063979.7	2.4996E-08	8.01E-08	7.95E-09	1.130E-07
348	252606.8	4064002.77	2.2742E-08	7.28E-08	7.23E-09	1.028E-07
349	252617.1	4064025.84	2.0441E-08	6.55E-08	6.50E-09	9.241E-08
350	252627.3	4064048.91	1.8181E-08	5.82E-08	5.78E-09	8.219E-08
351	252637.6	4064071.98	1.6033E-08	5.14E-08	5.10E-09	7.248E-08
352	252281	4063633.86	1.4697E-08	4.71E-08	4.67E-09	6.644E-08
353	252304.5	4063643.38	1.5872E-08	5.08E-08	5.04E-09	7.175E-08
354	252328.1	4063652.91	1.711E-08	5.48E-08	5.44E-09	7.735E-08
355	252351.6	4063662.43	1.8383E-08	5.89E-08	5.84E-09	8.311E-08
356	252375.2	4063671.95	1.966E-08	6.30E-08	6.25E-09	8.888E-08
357	252398.8	4063681.47	2.0902E-08	6.69E-08	6.64E-09	9.449E-08
358	252587.2	4063757.65	2.4251E-08	7.77E-08	7.71E-09	1.096E-07
359	252605.8	4063772.31	2.3945E-08	7.67E-08	7.61E-09	1.083E-07
360	252616.1	4063795.53	2.4088E-08	7.72E-08	7.66E-09	1.089E-07
361	252626.4	4063818.74	2.392E-08	7.66E-08	7.60E-09	1.081E-07
362	252636.8	4063841.96	2.3431E-08	7.50E-08	7.45E-09	1.059E-07
363	252647.1	4063865.18	2.2635E-08	7.25E-08	7.19E-09	1.023E-07
364	252719.3	4064027.7	1.2951E-08	4.15E-08	4.12E-09	5.855E-08
365	252729.7	4064050.91	1.1615E-08	3.72E-08	3.69E-09	5.251E-08
366	252280.9	4063533.83	1.0513E-08	3.37E-08	3.34E-09	4.753E-08
367	252304.4	4063543.33	1.1234E-08	3.60E-08	3.57E-09	5.079E-08
368	252327.9	4063552.82	1.2005E-08	3.85E-08	3.82E-09	5.427E-08
369	252492.3	4063619.29	1.7838E-08	5.71E-08	5.67E-09	8.064E-08
370	252562.8	4063647.78	1.9331E-08	6.19E-08	6.14E-09	8.739E-08
371	252586.3	4063657.27	1.9512E-08	6.25E-08	6.20E-09	8.821E-08
372	252609.8	4063666.77	1.9521E-08	6.25E-08	6.20E-09	8.825E-08
373	252633.3	4063676.26	1.936E-08	6.20E-08	6.15E-09	8.752E-08

374	252695.9	4063746.68	1.8994E-08	6.08E-08	6.04E-09	8.587E-08
375	252706.2	4063769.83	1.8764E-08	6.01E-08	5.96E-09	8.483E-08
376	252716.5	4063792.98	1.8335E-08	5.87E-08	5.83E-09	8.289E-08
377	252726.7	4063816.13	1.7719E-08	5.68E-08	5.63E-09	8.010E-08
378	252737	4063839.29	1.694E-08	5.43E-08	5.38E-09	7.658E-08
379	252747.3	4063862.44	1.6034E-08	5.14E-08	5.10E-09	7.249E-08
380	252757.6	4063885.59	1.504E-08	4.82E-08	4.78E-09	6.799E-08
381	252767.9	4063908.74	1.3997E-08	4.48E-08	4.45E-09	6.328E-08
382	252778.2	4063931.89	1.2942E-08	4.15E-08	4.11E-09	5.851E-08
383	252788.5	4063955.04	1.1905E-08	3.81E-08	3.78E-09	5.382E-08
384	252798.8	4063978.2	1.0905E-08	3.49E-08	3.47E-09	4.930E-08
385	252809.1	4064001.35	9.9558E-09	3.19E-08	3.16E-09	4.501E-08
386	252819.4	4064024.5	9.0625E-09	2.90E-08	2.88E-09	4.097E-08
387	252829.7	4064047.65	8.2259E-09	2.63E-08	2.61E-09	3.719E-08
388	252375.3	4063472.01	1.0025E-08	3.21E-08	3.19E-09	4.532E-08
389	252398.9	4063481.54	1.0617E-08	3.40E-08	3.37E-09	4.800E-08
390	252422.5	4063491.08	1.1234E-08	3.60E-08	3.57E-09	5.078E-08
391	252446.1	4063500.61	1.1866E-08	3.80E-08	3.77E-09	5.364E-08
392	252469.7	4063510.15	1.2504E-08	4.01E-08	3.97E-09	5.653E-08
393	252493.3	4063519.68	1.3133E-08	4.21E-08	4.17E-09	5.937E-08
394	252564	4063548.28	1.4771E-08	4.73E-08	4.70E-09	6.678E-08
395	252587.6	4063557.82	1.5173E-08	4.86E-08	4.82E-09	6.859E-08
396	252611.2	4063567.35	1.5477E-08	4.96E-08	4.92E-09	6.997E-08
397	252634.8	4063576.88	1.5674E-08	5.02E-08	4.98E-09	7.086E-08
398	252658.4	4063586.42	1.5762E-08	5.05E-08	5.01E-09	7.125E-08
399	252797.8	4063747.63	1.4722E-08	4.72E-08	4.68E-09	6.655E-08
400	252808.1	4063770.88	1.4217E-08	4.55E-08	4.52E-09	6.427E-08
401	252818.4	4063794.12	1.3608E-08	4.36E-08	4.33E-09	6.152E-08
402	252828.8	4063817.37	1.292E-08	4.14E-08	4.11E-09	5.841E-08
403	252839.1	4063840.61	1.2179E-08	3.90E-08	3.87E-09	5.506E-08
404	252849.4	4063863.86	1.1411E-08	3.66E-08	3.63E-09	5.159E-08
405	252859.8	4063887.1	1.0638E-08	3.41E-08	3.38E-09	4.809E-08
406	252870.1	4063910.35	9.8778E-09	3.16E-08	3.14E-09	4.466E-08
407	252880.4	4063933.6	9.1468E-09	2.93E-08	2.91E-09	4.135E-08
408	252890.8	4063956.84	8.45E-09	2.71E-08	2.69E-09	3.820E-08
409	252901.1	4063980.09	7.791E-09	2.50E-08	2.48E-09	3.522E-08
410	252911.4	4064003.33	7.1694E-09	2.30E-08	2.28E-09	3.241E-08
411	252921.8	4064026.58	6.5834E-09	2.11E-08	2.09E-09	2.976E-08
412	252932.1	4064049.82	6.0309E-09	1.93E-08	1.92E-09	2.726E-08
413	252280.9	4063333.85	6.2673E-09	2.01E-08	1.99E-09	2.833E-08
414	252304.5	4063343.36	6.591E-09	2.11E-08	2.09E-09	2.980E-08
415	252328	4063352.88	6.9327E-09	2.22E-08	2.20E-09	3.134E-08
416	252351.5	4063362.39	7.2928E-09	2.34E-08	2.32E-09	3.297E-08
417	252375.1	4063371.9	7.6727E-09	2.46E-08	2.44E-09	3.469E-08
418	252398.6	4063381.41	8.0735E-09	2.59E-08	2.57E-09	3.650E-08
419	252422.1	4063390.92	8.4961E-09	2.72E-08	2.70E-09	3.841E-08
420	252445.7	4063400.44	8.9401E-09	2.86E-08	2.84E-09	4.042E-08
421	252469.2	4063409.95	9.4023E-09	3.01E-08	2.99E-09	4.251E-08
422	252563.3	4063448	1.1285E-08	3.61E-08	3.59E-09	5.102E-08
423	252586.9	4063457.51	1.1709E-08	3.75E-08	3.72E-09	5.293E-08
424	252610.4	4063467.02	1.2089E-08	3.87E-08	3.84E-09	5.465E-08
425	252633.9	4063476.53	1.2414E-08	3.98E-08	3.95E-09	5.612E-08
426	252657.5	4063486.05	1.2676E-08	4.06E-08	4.03E-09	5.731E-08
427	252798.6	4063543.12	1.2746E-08	4.08E-08	4.05E-09	5.762E-08
428	252815.6	4063559.47	1.2731E-08	4.08E-08	4.05E-09	5.755E-08
429	252825.9	4063582.66	1.2856E-08	4.12E-08	4.09E-09	5.812E-08
430	252929	4063814.59	9.6254E-09	3.08E-08	3.06E-09	4.351E-08
431	252939.3	4063837.78	9.0405E-09	2.90E-08	2.87E-09	4.087E-08
432	252949.6	4063860.97	8.4648E-09	2.71E-08	2.69E-09	3.827E-08
433	252959.9	4063884.17	7.9074E-09	2.53E-08	2.51E-09	3.575E-08
434	252970.2	4063907.36	7.3746E-09	2.36E-08	2.34E-09	3.334E-08
435	252980.5	4063930.55	6.8686E-09	2.20E-08	2.18E-09	3.105E-08
436	252990.9	4063953.74	6.3901E-09	2.05E-08	2.03E-09	2.889E-08
437	253001.2	4063976.94	5.9371E-09	1.90E-08	1.89E-09	2.684E-08
438	253011.5	4064000.13	5.5075E-09	1.76E-08	1.75E-09	2.490E-08
439	253021.8	4064023.32	5.0991E-09	1.63E-08	1.62E-09	2.305E-08
440	253032.1	4064046.51	4.71E-09	1.51E-08	1.50E-09	2.129E-08
441	252492.3	4063319.29	7.6466E-09	2.45E-08	2.43E-09	3.457E-08
442	252562.8	4063347.78	8.7446E-09	2.80E-08	2.78E-09	3.953E-08
443	252586.3	4063357.27	9.1118E-09	2.92E-08	2.90E-09	4.119E-08
444	252609.8	4063366.77	9.4665E-09	3.03E-08	3.01E-09	4.280E-08
445	252633.3	4063376.26	9.7992E-09	3.14E-08	3.11E-09	4.430E-08
446	252797.7	4063442.73	1.0986E-08	3.52E-08	3.49E-09	4.966E-08
447	252821.2	4063452.23	1.096E-08	3.51E-08	3.48E-09	4.955E-08
448	252844.7	4063461.72	1.0887E-08	3.49E-08	3.46E-09	4.922E-08
449	252868.2	4063471.22	1.0768E-08	3.45E-08	3.42E-09	4.868E-08
450	252885	4063487.54	1.0766E-08	3.45E-08	3.42E-09	4.867E-08
451	252895.3	4063510.69	1.0878E-08	3.48E-08	3.46E-09	4.918E-08
452	252905.6	4063533.85	1.0935E-08	3.50E-08	3.48E-09	4.943E-08
453	252915.9	4063557	1.093E-08	3.50E-08	3.47E-09	4.941E-08
454	252926.2	4063580.15	1.086E-08	3.48E-08	3.45E-09	4.910E-08
455	253029.1	4063811.67	7.3459E-09	2.35E-08	2.33E-09	3.321E-08
456	253039.4	4063834.82	6.9096E-09	2.21E-08	2.20E-09	3.124E-08
457	253049.7	4063857.97	6.4907E-09	2.08E-08	2.06E-09	2.934E-08
458	253060	4063881.12	6.092E-09	1.95E-08	1.94E-09	2.754E-08
459	252126	4064067.65	2.3734E-07	7.60E-07	7.54E-08	1.073E-06
460	252101.2	4064068.31	2.3148E-07	7.41E-07	7.36E-08	1.046E-06
461	252076.5	4064068.96	2.2032E-07	7.06E-07	7.00E-08	9.960E-07
462	252051.7	4064069.62	2.0289E-07	6.50E-07	6.45E-08	9.172E-07
463	252026.9	4064070.28	0.000000178	5.70E-07	5.66E-08	8.047E-07
464	252002.2	4064070.93	1.4765E-07	4.73E-07	4.69E-08	6.675E-07
465	251977.4	4064071.59	1.2628E-07	4.04E-07	4.01E-08	5.709E-07
466	252125.3	4064042.66	1.6161E-07	5.18E-07	5.14E-08	7.306E-07
467	252100.6	4064043.32	1.5481E-07	4.96E-07	4.92E-08	6.998E-07

468	252075.8	4064043.97	1.4466E-07	4.63E-07	4.60E-08	6.540E-07
469	252051	4064044.63	1.3126E-07	4.20E-07	4.17E-08	5.934E-07
470	252026.3	4064045.28	1.1581E-07	3.71E-07	3.68E-08	5.236E-07
471	252001.5	4064045.94	1.0196E-07	3.27E-07	3.24E-08	4.609E-07
472	251976.8	4064046.6	9.2712E-08	2.97E-07	2.95E-08	4.191E-07
473	252149.4	4064017.01	1.2081E-07	3.87E-07	3.84E-08	5.462E-07
474	252124.7	4064017.67	1.1591E-07	3.71E-07	3.68E-08	5.240E-07
475	252099.9	4064018.32	1.0921E-07	3.50E-07	3.47E-08	4.937E-07
476	252075.1	4064018.98	1.0092E-07	3.23E-07	3.21E-08	4.562E-07
477	252050.4	4064019.64	9.1677E-08	2.94E-07	2.91E-08	4.144E-07
478	252025.6	4064020.29	8.2816E-08	2.65E-07	2.63E-08	3.744E-07
479	252000.9	4064020.95	7.587E-08	2.43E-07	2.41E-08	3.430E-07
480	251976.1	4064021.61	7.1037E-08	2.28E-07	2.26E-08	3.211E-07
481	252148.7	4063992.02	9.1611E-08	2.93E-07	2.91E-08	4.141E-07
482	252124	4063992.68	8.6669E-08	2.78E-07	2.75E-08	3.918E-07
483	252099.2	4063993.33	8.0823E-08	2.59E-07	2.57E-08	3.654E-07
484	252074.5	4063993.99	7.4501E-08	2.39E-07	2.37E-08	3.368E-07
485	252049.7	4063994.65	6.833E-08	2.19E-07	2.17E-08	3.089E-07
486	252025	4063995.3	6.3048E-08	2.02E-07	2.00E-08	2.850E-07
487	252000.2	4063995.96	5.9092E-08	1.89E-07	1.88E-08	2.671E-07
488	251975.4	4063996.62	5.6254E-08	1.80E-07	1.79E-08	2.543E-07
489	252147.4	4063942.04	5.715E-08	1.83E-07	1.82E-08	2.584E-07
490	252122.7	4063942.69	5.3412E-08	1.71E-07	1.70E-08	2.415E-07
491	252097.9	4063943.35	4.9692E-08	1.59E-07	1.58E-08	2.246E-07
492	252073.1	4063944.01	4.6253E-08	1.48E-07	1.47E-08	2.091E-07
493	252048.4	4063944.66	4.331E-08	1.39E-07	1.38E-08	1.958E-07
494	252023.6	4063945.32	4.0995E-08	1.31E-07	1.30E-08	1.853E-07
495	251998.9	4063945.98	3.928E-08	1.26E-07	1.25E-08	1.776E-07
496	251974.1	4063946.63	3.8017E-08	1.22E-07	1.21E-08	1.719E-07
497	252285.4	4063805.93	3.1715E-08	1.02E-07	1.01E-08	1.434E-07
498	252306.8	4063814.16	3.4154E-08	1.09E-07	1.09E-08	1.544E-07
499	252328.3	4063822.4	3.6439E-08	1.17E-07	1.16E-08	1.647E-07
500	252349.7	4063830.63	3.8455E-08	1.23E-07	1.22E-08	1.738E-07
501	252371.2	4063838.86	4.0084E-08	1.28E-07	1.27E-08	1.812E-07
502	252392.6	4063847.09	4.1213E-08	1.32E-07	1.31E-08	1.863E-07
503	252242.5	4063789.47	2.6794E-08	8.58E-08	8.52E-09	1.211E-07
504	252217.7	4063790.12	2.5435E-08	8.15E-08	8.08E-09	1.150E-07
505	252193	4063790.78	2.4091E-08	7.72E-08	7.66E-09	1.089E-07
506	252168.2	4063791.43	2.2815E-08	7.31E-08	7.25E-09	1.031E-07
507	252143.4	4063792.09	2.1645E-08	6.93E-08	6.88E-09	9.785E-08
508	252118.7	4063792.75	2.0597E-08	6.60E-08	6.55E-09	9.312E-08
509	252093.9	4063793.4	1.9675E-08	6.30E-08	6.25E-09	8.895E-08
510	252069.2	4063794.06	1.8878E-08	6.05E-08	6.00E-09	8.535E-08
511	252044.4	4063794.72	1.8209E-08	5.83E-08	5.79E-09	8.232E-08
512	252019.7	4063795.37	1.7668E-08	5.66E-08	5.62E-09	7.987E-08
513	251994.9	4063796.03	1.7249E-08	5.52E-08	5.48E-09	7.798E-08
514	251970.1	4063796.69	1.6927E-08	5.42E-08	5.38E-09	7.652E-08
515	252371.8	4063740.16	2.5862E-08	8.28E-08	8.22E-09	1.169E-07
516	252393.8	4063748.61	2.7212E-08	8.72E-08	8.65E-09	1.230E-07
517	252415.8	4063757.05	2.8371E-08	9.09E-08	9.02E-09	1.283E-07
518	252437.8	4063765.49	2.9278E-08	9.38E-08	9.31E-09	1.324E-07
519	252459.8	4063773.94	2.9881E-08	9.57E-08	9.50E-09	1.351E-07
520	252481.8	4063782.38	3.0137E-08	9.65E-08	9.58E-09	1.362E-07
521	252503.8	4063790.82	3.0034E-08	9.62E-08	9.55E-09	1.358E-07
522	252326.6	4063623.84	1.53E-08	4.90E-08	4.86E-09	6.917E-08
523	252348.9	4063632.41	1.6335E-08	5.23E-08	5.19E-09	7.385E-08
524	252371.2	4063640.99	1.7387E-08	5.57E-08	5.53E-09	7.860E-08
525	252393.6	4063649.56	1.8432E-08	5.90E-08	5.86E-09	8.333E-08
526	252415.9	4063658.14	1.9443E-08	6.23E-08	6.18E-09	8.790E-08
527	252438.3	4063666.72	2.0386E-08	6.53E-08	6.48E-09	9.216E-08
528	252460.6	4063675.29	2.1228E-08	6.80E-08	6.75E-09	9.597E-08
529	252483	4063683.87	2.1934E-08	7.03E-08	6.97E-09	9.916E-08
530	252572.3	4063718.17	2.2854E-08	7.32E-08	7.26E-09	1.033E-07
531	252279.7	4063506.9	9.6876E-09	3.10E-08	3.08E-09	4.380E-08
532	252302.3	4063515.57	1.0285E-08	3.29E-08	3.27E-09	4.650E-08
533	252324.9	4063524.23	1.0921E-08	3.50E-08	3.47E-09	4.937E-08
534	252347.4	4063532.9	1.1593E-08	3.71E-08	3.69E-09	5.241E-08
535	252370	4063541.57	1.2297E-08	3.94E-08	3.91E-09	5.559E-08
536	252392.6	4063550.23	1.3024E-08	4.17E-08	4.14E-09	5.888E-08
537	252573.2	4063619.56	1.7868E-08	5.72E-08	5.68E-09	8.078E-08
538	252595.8	4063628.22	1.8067E-08	5.79E-08	5.74E-09	8.168E-08
539	252618.4	4063636.89	1.8132E-08	5.81E-08	5.76E-09	8.197E-08
540	252641	4063645.55	1.8065E-08	5.79E-08	5.74E-09	8.167E-08
541	252234.5	4063489.57	8.6186E-09	2.76E-08	2.74E-09	3.896E-08
542	252209.8	4063490.23	8.3245E-09	2.67E-08	2.65E-09	3.763E-08
543	252185	4063490.88	8.0482E-09	2.58E-08	2.56E-09	3.638E-08
544	252160.3	4063491.54	7.793E-09	2.50E-08	2.48E-09	3.523E-08
545	252135.5	4063492.2	7.5617E-09	2.42E-08	2.40E-09	3.419E-08
546	252110.7	4063492.85	7.3568E-09	2.36E-08	2.34E-09	3.326E-08
547	252086	4063493.51	7.1819E-09	2.30E-08	2.28E-09	3.247E-08
548	252061.2	4063494.17	7.0376E-09	2.25E-08	2.24E-09	3.182E-08
549	252036.5	4063494.82	6.9231E-09	2.22E-08	2.20E-09	3.130E-08
550	252011.7	4063495.48	6.8341E-09	2.19E-08	2.17E-09	3.090E-08
551	251986.9	4063496.13	6.7636E-09	2.17E-08	2.15E-09	3.058E-08
552	251962.2	4063496.79	6.7047E-09	2.15E-08	2.13E-09	3.031E-08
553	252277.4	4063407.07	7.4007E-09	2.37E-08	2.35E-09	3.346E-08
554	252436.6	4063468.19	1.0674E-08	3.42E-08	3.39E-09	4.826E-08
555	252459.4	4063476.92	1.122E-08	3.59E-08	3.57E-09	5.072E-08
556	252482.1	4063485.65	1.1768E-08	3.77E-08	3.74E-09	5.320E-08
557	252504.9	4063494.38	1.2309E-08	3.94E-08	3.91E-09	5.565E-08
558	252573.1	4063520.58	1.3739E-08	4.40E-08	4.37E-09	6.211E-08
559	252595.9	4063529.31	1.4103E-08	4.52E-08	4.48E-09	6.376E-08
560	252618.6	4063538.04	1.4392E-08	4.61E-08	4.57E-09	6.506E-08
561	252641.4	4063546.77	1.4599E-08	4.68E-08	4.64E-09	6.600E-08

562	252231.9	4063389.61	6.6792E-09	2.14E-08	2.12E-09	3.020E-08
563	252207.1	4063390.26	6.4755E-09	2.07E-08	2.06E-09	2.927E-08
564	252182.4	4063390.92	6.2831E-09	2.01E-08	2.00E-09	2.840E-08
565	252157.6	4063391.57	6.1047E-09	1.96E-08	1.94E-09	2.760E-08
566	252132.8	4063392.23	5.9431E-09	1.90E-08	1.89E-09	2.687E-08
567	252108.1	4063392.89	5.801E-09	1.86E-08	1.84E-09	2.622E-08
568	252083.3	4063393.54	5.6803E-09	1.82E-08	1.81E-09	2.568E-08
569	252058.6	4063394.2	5.5825E-09	1.79E-08	1.77E-09	2.524E-08
570	252033.8	4063394.86	5.5066E-09	1.76E-08	1.75E-09	2.489E-08
571	252009.1	4063395.51	5.4496E-09	1.75E-08	1.73E-09	2.464E-08
572	251984.3	4063396.17	5.4073E-09	1.73E-08	1.72E-09	2.445E-08
573	251959.5	4063396.83	5.3739E-09	1.72E-08	1.71E-09	2.429E-08
574	252320.8	4063324.77	6.4447E-09	2.06E-08	2.05E-09	2.914E-08
575	252343.6	4063333.55	6.7522E-09	2.16E-08	2.15E-09	3.053E-08
576	252366.5	4063342.33	7.0744E-09	2.27E-08	2.25E-09	3.198E-08
577	252389.4	4063351.11	7.4126E-09	2.37E-08	2.36E-09	3.351E-08
578	252412.3	4063359.89	7.7681E-09	2.49E-08	2.47E-09	3.512E-08
579	252435.2	4063368.67	8.1416E-09	2.61E-08	2.59E-09	3.681E-08
580	252458	4063377.45	8.5326E-09	2.73E-08	2.71E-09	3.857E-08
581	252480.9	4063386.24	8.9387E-09	2.86E-08	2.84E-09	4.041E-08
582	252572.4	4063421.36	1.0592E-08	3.39E-08	3.37E-09	4.788E-08
583	252595.3	4063430.14	1.0968E-08	3.51E-08	3.49E-09	4.958E-08
584	252618.2	4063438.92	1.131E-08	3.62E-08	3.59E-09	5.113E-08
585	252641.1	4063447.7	1.1609E-08	3.72E-08	3.69E-09	5.248E-08
586	252571.3	4063321.98	8.2732E-09	2.65E-08	2.63E-09	3.740E-08
587	252594.3	4063330.8	8.6006E-09	2.75E-08	2.73E-09	3.888E-08
588	252617.3	4063339.62	8.9181E-09	2.86E-08	2.83E-09	4.032E-08
589	252640.3	4063348.45	9.2187E-09	2.95E-08	2.93E-09	4.168E-08
590	252801.1	4063410.19	1.0392E-08	3.33E-08	3.30E-09	4.698E-08
591	252824.1	4063419.01	1.0397E-08	3.33E-08	3.30E-09	4.700E-08
592	252847.1	4063427.83	1.0361E-08	3.32E-08	3.29E-09	4.684E-08
593	252102.8	4063192.96	3.9153E-09	1.25E-08	1.24E-09	1.770E-08
594	252078	4063193.61	3.8509E-09	1.23E-08	1.22E-09	1.741E-08
595	252053.3	4063194.27	3.7995E-09	1.22E-08	1.21E-09	1.718E-08
596	252028.5	4063194.93	3.7603E-09	1.20E-08	1.20E-09	1.700E-08
597	252003.8	4063195.58	3.732E-09	1.20E-08	1.19E-09	1.687E-08
598	251979	4063196.24	3.7126E-09	1.19E-08	1.18E-09	1.678E-08
599	251954.2	4063196.9	3.6999E-09	1.19E-08	1.18E-09	1.673E-08
600	251953.1	4064097.37	1.5119E-07	4.84E-07	4.81E-08	6.835E-07
601	251958.4	4064265.63	1.9218E-07	6.16E-07	6.11E-08	8.688E-07
602	251959.2	4064289.67	1.6388E-07	5.25E-07	5.21E-08	7.409E-07
603	251960	4064313.7	1.2525E-07	4.01E-07	3.98E-08	5.662E-07
604	251934.9	4064080.22	1.1267E-07	3.61E-07	3.58E-08	5.094E-07
605	251933.5	4064266.42	1.5003E-07	4.81E-07	4.77E-08	6.782E-07
606	251934.2	4064290.46	1.2887E-07	4.13E-07	4.10E-08	5.826E-07
607	251935	4064314.5	1.0383E-07	3.33E-07	3.30E-08	4.694E-07
608	251909.9	4064081.01	9.8515E-08	3.16E-07	3.13E-08	4.454E-07
609	251941.1	4064037.28	7.5395E-08	2.41E-07	2.40E-08	3.408E-07
610	251908.5	4064267.22	1.2037E-07	3.86E-07	3.83E-08	5.442E-07
611	251909.2	4064291.25	1.0494E-07	3.36E-07	3.34E-08	4.744E-07
612	251910	4064315.29	8.7905E-08	2.82E-07	2.79E-08	3.974E-07
613	251884.9	4064081.81	8.6493E-08	2.77E-07	2.75E-08	3.910E-07
614	251898.5	4064045.91	7.1182E-08	2.28E-07	2.26E-08	3.218E-07
615	251922.9	4064020.12	6.1745E-08	1.98E-07	1.96E-08	2.791E-07
616	251883.5	4064268.01	9.9385E-08	3.18E-07	3.16E-08	4.493E-07
617	251884.2	4064292.05	8.8049E-08	2.82E-07	2.80E-08	3.980E-07
618	251885	4064316.08	7.5851E-08	2.43E-07	2.41E-08	3.429E-07
619	251836.3	4064079.8	6.8022E-08	2.18E-07	2.16E-08	3.075E-07
620	251844.5	4064058.26	6.3328E-08	2.03E-07	2.01E-08	2.863E-07
621	251852.6	4064036.73	5.745E-08	1.84E-07	1.83E-08	2.597E-07
622	251860.8	4064015.19	5.116E-08	1.64E-07	1.63E-08	2.313E-07
623	251890	4063984.24	4.403E-08	1.41E-07	1.40E-08	1.991E-07
624	251911	4063974.84	4.2604E-08	1.36E-07	1.35E-08	1.926E-07
625	251932.1	4063965.44	4.1063E-08	1.32E-07	1.31E-08	1.856E-07
626	251953.1	4063956.04	3.9502E-08	1.27E-07	1.26E-08	1.786E-07
627	251828.2	4064101.34	7.1064E-08	2.28E-07	2.26E-08	3.213E-07
628	251828.9	4064125.38	7.6279E-08	2.44E-07	2.42E-08	3.448E-07
629	251786	4064082.42	5.5547E-08	1.78E-07	1.77E-08	2.511E-07
630	251801.5	4064041.39	5.0128E-08	1.61E-07	1.59E-08	2.266E-07
631	251817.1	4064000.36	4.2229E-08	1.35E-07	1.34E-08	1.909E-07
632	251852.6	4063950.38	3.3522E-08	1.07E-07	1.07E-08	1.515E-07
633	251892.7	4063932.47	3.1565E-08	1.01E-07	1.00E-08	1.427E-07
634	251778.9	4064126.96	5.9681E-08	1.91E-07	1.90E-08	2.698E-07
635	251736.7	4064082.08	4.5944E-08	1.47E-07	1.46E-08	2.077E-07
636	251745.2	4064059.64	4.4593E-08	1.43E-07	1.42E-08	2.016E-07
637	251753.7	4064037.21	4.2477E-08	1.36E-07	1.35E-08	1.920E-07
638	251762.2	4064014.77	3.9736E-08	1.27E-07	1.26E-08	1.796E-07
639	251770.7	4063992.33	3.6599E-08	1.17E-07	1.16E-08	1.655E-07
640	251779.2	4063969.9	3.3325E-08	1.07E-07	1.06E-08	1.507E-07
641	251787.7	4063947.46	3.0131E-08	9.65E-08	9.58E-09	1.362E-07
642	251728.2	4064104.52	4.6472E-08	1.49E-07	1.48E-08	2.101E-07
643	251729	4064128.55	4.8053E-08	1.54E-07	1.53E-08	2.172E-07
644	251686.4	4064084.56	3.8653E-08	1.24E-07	1.23E-08	1.747E-07
645	251694.6	4064063.02	3.8091E-08	1.22E-07	1.21E-08	1.722E-07
646	251702.7	4064041.49	3.6994E-08	1.18E-07	1.18E-08	1.672E-07
647	251710.9	4064019.95	3.5411E-08	1.13E-07	1.13E-08	1.601E-07
648	251719.1	4063998.41	3.3436E-08	1.07E-07	1.06E-08	1.512E-07
649	251727.2	4063976.87	3.1196E-08	9.99E-08	9.92E-09	1.410E-07
650	251735.4	4063955.33	2.8834E-08	9.24E-08	9.16E-09	1.304E-07
651	251886	4063834.3	1.8824E-08	6.03E-08	5.98E-09	8.510E-08
652	251907.1	4063824.89	1.8303E-08	5.86E-08	5.82E-09	8.274E-08
653	251928.1	4063815.49	1.7807E-08	5.70E-08	5.66E-09	8.050E-08
654	251949.1	4063806.09	1.7344E-08	5.56E-08	5.51E-09	7.841E-08
655	251678.2	4064106.1	3.8677E-08	1.24E-07	1.23E-08	1.749E-07

656	251679	4064130.14	3.9527E-08	1.27E-07	1.26E-08	1.787E-07
657	251586.7	4064087.19	2.8266E-08	9.05E-08	8.98E-09	1.278E-07
658	251595	4064065.09	2.8319E-08	9.07E-08	9.00E-09	1.280E-07
659	251603.4	4064043	2.806E-08	8.99E-08	8.92E-09	1.269E-07
660	251611.8	4064020.91	2.7487E-08	8.80E-08	8.74E-09	1.243E-07
661	251620.1	4063998.82	2.6618E-08	8.53E-08	8.46E-09	1.203E-07
662	251628.5	4063976.73	2.5496E-08	8.17E-08	8.10E-09	1.153E-07
663	251636.9	4063954.64	2.4178E-08	7.74E-08	7.69E-09	1.093E-07
664	251859.7	4063744.94	1.2948E-08	4.15E-08	4.12E-09	5.853E-08
665	251881.2	4063735.3	1.2654E-08	4.05E-08	4.02E-09	5.721E-08
666	251902.8	4063725.65	1.2376E-08	3.96E-08	3.93E-09	5.595E-08
667	251924.4	4063716.01	1.2117E-08	3.88E-08	3.85E-09	5.478E-08
668	251945.9	4063706.36	1.1878E-08	3.80E-08	3.78E-09	5.370E-08
669	251578.3	4064109.28	2.7926E-08	8.94E-08	8.88E-09	1.262E-07
670	251579	4064133.31	2.8123E-08	9.01E-08	8.94E-09	1.271E-07
671	251579.8	4064157.35	2.8077E-08	8.99E-08	8.92E-09	1.269E-07
672	251580.6	4064181.39	2.7807E-08	8.91E-08	8.84E-09	1.257E-07
673	251581.3	4064205.42	2.7346E-08	8.76E-08	8.69E-09	1.236E-07
674	251582.1	4064229.46	2.6729E-08	8.56E-08	8.50E-09	1.208E-07
675	251582.9	4064253.5	2.5992E-08	8.33E-08	8.26E-09	1.175E-07
676	251583.6	4064277.53	2.5167E-08	8.06E-08	8.00E-09	1.138E-07
677	251584.4	4064301.57	2.4275E-08	7.78E-08	7.72E-09	1.097E-07
678	251486.8	4064090.01	2.1463E-08	6.87E-08	6.82E-09	9.703E-08
679	251495.3	4064067.58	2.1702E-08	6.95E-08	6.90E-09	9.811E-08
680	251503.8	4064045.14	2.1769E-08	6.97E-08	6.92E-09	9.841E-08
681	251512.3	4064022.71	2.1649E-08	6.93E-08	6.88E-09	9.787E-08
682	251520.9	4064000.27	2.1336E-08	6.83E-08	6.78E-09	9.646E-08
683	251529.4	4063977.83	2.0834E-08	6.67E-08	6.62E-09	9.419E-08
684	251537.9	4063955.4	2.0162E-08	6.46E-08	6.41E-09	9.115E-08
685	251478.3	4064112.45	2.1075E-08	6.75E-08	6.70E-09	9.528E-08
686	251479.1	4064136.49	2.1064E-08	6.75E-08	6.70E-09	9.523E-08
687	251479.9	4064160.52	2.0924E-08	6.70E-08	6.65E-09	9.459E-08
688	251480.6	4064184.56	2.0671E-08	6.62E-08	6.57E-09	9.345E-08
689	251481.4	4064208.6	2.0322E-08	6.51E-08	6.46E-09	9.187E-08
690	251482.2	4064232.63	1.9897E-08	6.37E-08	6.32E-09	8.995E-08
691	251482.9	4064256.67	1.9417E-08	6.22E-08	6.17E-09	8.778E-08
692	251483.7	4064280.71	1.89E-08	6.05E-08	6.01E-09	8.544E-08
693	251484.4	4064304.74	1.8358E-08	5.88E-08	5.84E-09	8.299E-08
694	251386.6	4064094.09	1.6852E-08	5.40E-08	5.36E-09	7.618E-08
695	251394.7	4064072.55	1.7112E-08	5.48E-08	5.44E-09	7.736E-08
696	251402.9	4064051.01	1.7287E-08	5.54E-08	5.49E-09	7.815E-08
697	251411	4064029.47	1.7365E-08	5.56E-08	5.52E-09	7.850E-08
698	251419.2	4064007.93	1.7338E-08	5.55E-08	5.51E-09	7.838E-08
699	251427.4	4063986.39	1.7201E-08	5.51E-08	5.47E-09	7.776E-08
700	251435.5	4063964.85	1.6952E-08	5.43E-08	5.39E-09	7.664E-08
701	251941.2	4063506.19	6.7977E-09	2.18E-08	2.16E-09	3.073E-08
702	251379.2	4064139.66	1.6444E-08	5.27E-08	5.23E-09	7.434E-08
703	251379.9	4064163.7	1.6297E-08	5.22E-08	5.18E-09	7.368E-08
704	251380.7	4064187.73	1.6087E-08	5.15E-08	5.11E-09	7.273E-08
705	251303.3	4064053.25	1.4038E-08	4.50E-08	4.46E-09	6.346E-08
706	251311.6	4064031.4	1.4168E-08	4.54E-08	4.50E-09	6.405E-08
707	251319.8	4064009.54	1.4233E-08	4.56E-08	4.52E-09	6.434E-08
708	251328.1	4063987.69	1.4227E-08	4.56E-08	4.52E-09	6.432E-08
709	251336.4	4063965.84	1.4148E-08	4.53E-08	4.50E-09	6.396E-08
710	251938.2	4063406.37	5.4484E-09	1.75E-08	1.73E-09	2.463E-08
711	251220.3	4064011.52	1.1863E-08	3.80E-08	3.77E-09	5.363E-08
712	251228.7	4063989.43	1.1918E-08	3.82E-08	3.79E-09	5.388E-08
713	251237.1	4063967.34	1.1922E-08	3.82E-08	3.79E-09	5.390E-08
714	251354.3	4063658.06	7.804E-09	2.50E-08	2.48E-09	3.528E-08
715	251362.7	4063635.97	7.4516E-09	2.39E-08	2.37E-09	3.369E-08
716	251371	4063613.88	7.1204E-09	2.28E-08	2.26E-09	3.219E-08
717	251379.4	4063591.79	6.8098E-09	2.18E-08	2.16E-09	3.079E-08
718	251387.8	4063569.7	6.5174E-09	2.09E-08	2.07E-09	2.946E-08
719	251417.7	4063537.96	6.1671E-09	1.98E-08	1.96E-09	2.788E-08
720	251439.3	4063528.32	6.0873E-09	1.95E-08	1.93E-09	2.752E-08
721	251460.9	4063518.68	6.0007E-09	1.92E-08	1.91E-09	2.713E-08
722	251482.4	4063509.03	5.907E-09	1.89E-08	1.88E-09	2.670E-08
723	251504	4063499.39	5.8074E-09	1.86E-08	1.85E-09	2.625E-08
724	251525.6	4063489.74	5.7034E-09	1.83E-08	1.81E-09	2.578E-08
725	251547.1	4063480.1	5.5999E-09	1.79E-08	1.78E-09	2.532E-08
726	251345.2	4063469.26	5.2274E-09	1.67E-08	1.66E-09	2.363E-08
727	251366.9	4063459.53	5.1672E-09	1.66E-08	1.64E-09	2.336E-08
728	251388.7	4063449.8	5.101E-09	1.63E-08	1.62E-09	2.306E-08
729	251410.4	4063440.08	5.029E-09	1.61E-08	1.60E-09	2.274E-08
730	251432.2	4063430.35	4.9515E-09	1.59E-08	1.57E-09	2.238E-08
731	251453.9	4063420.62	4.8695E-09	1.56E-08	1.55E-09	2.201E-08
732	251475.7	4063410.9	4.7848E-09	1.53E-08	1.52E-09	2.163E-08
733	251497.4	4063401.17	4.6992E-09	1.51E-08	1.49E-09	2.124E-08
734	251519.2	4063391.44	4.615E-09	1.48E-08	1.47E-09	2.086E-08
735	251540.9	4063381.71	4.5356E-09	1.45E-08	1.44E-09	2.050E-08
736	251562.7	4063371.99	4.4623E-09	1.43E-08	1.42E-09	2.017E-08
737	251584.5	4063362.26	4.3949E-09	1.41E-08	1.40E-09	1.987E-08
738	251606.2	4063352.53	4.336E-09	1.39E-08	1.38E-09	1.960E-08
739	251628	4063342.8	4.286E-09	1.37E-08	1.36E-09	1.938E-08
740	251649.7	4063333.08	4.2443E-09	1.36E-08	1.35E-09	1.919E-08
741	251671.5	4063323.35	4.2095E-09	1.35E-08	1.34E-09	1.903E-08
742	251693.2	4063313.62	4.1795E-09	1.34E-08	1.33E-09	1.889E-08
743	251715	4063303.9	4.1522E-09	1.33E-08	1.32E-09	1.877E-08
744	251736.7	4063294.17	4.1251E-09	1.32E-08	1.31E-09	1.865E-08
745	251758.5	4063284.44	4.0964E-09	1.31E-08	1.30E-09	1.852E-08
746	251780.2	4063274.71	4.0648E-09	1.30E-08	1.29E-09	1.838E-08
747	251845.5	4063245.53	3.9476E-09	1.26E-08	1.25E-09	1.785E-08
748	251867.2	4063235.81	3.9013E-09	1.25E-08	1.24E-09	1.764E-08
749	251889	4063226.08	3.8515E-09	1.23E-08	1.22E-09	1.741E-08

750	251910.7	4063216.35	3.8002E-09	1.22E-08	1.21E-09	1.718E-08
751	251932.5	4063206.62	3.7491E-09	1.20E-08	1.19E-09	1.695E-08
752	252010.5	4064362.12	6.4053E-08	2.05E-07	2.04E-08	2.896E-07
753	252034.5	4064361.36	6.2471E-08	2.00E-07	1.99E-08	2.824E-07
754	252058.6	4064360.6	5.9854E-08	1.92E-07	1.90E-08	2.706E-07
755	252082.6	4064359.83	5.6409E-08	1.81E-07	1.79E-08	2.550E-07
756	252106.6	4064359.07	5.2223E-08	1.67E-07	1.66E-08	2.361E-07
757	252130.6	4064358.31	4.737E-08	1.52E-07	1.51E-08	2.141E-07
758	252154.6	4064357.55	4.1934E-08	1.34E-07	1.33E-08	1.896E-07
759	252178.6	4064356.78	3.609E-08	1.16E-07	1.15E-08	1.632E-07
760	252202.6	4064356.02	3.016E-08	9.66E-08	9.59E-09	1.363E-07
761	252226.6	4064355.26	2.4637E-08	7.89E-08	7.83E-09	1.114E-07
762	252250.6	4064354.49	2.0005E-08	6.41E-08	6.36E-09	9.044E-08
763	252011.3	4064387.11	4.5442E-08	1.46E-07	1.44E-08	2.054E-07
764	252035.3	4064386.35	4.3692E-08	1.40E-07	1.39E-08	1.975E-07
765	252059.3	4064385.58	4.1341E-08	1.32E-07	1.31E-08	1.869E-07
766	252083.3	4064384.82	3.8467E-08	1.23E-07	1.22E-08	1.739E-07
767	252107.4	4064384.06	3.5182E-08	1.13E-07	1.12E-08	1.591E-07
768	252131.4	4064383.3	3.1604E-08	1.01E-07	1.00E-08	1.429E-07
769	252155.4	4064382.53	2.7867E-08	8.93E-08	8.86E-09	1.260E-07
770	252179.4	4064381.77	2.4127E-08	7.73E-08	7.67E-09	1.091E-07
771	252203.4	4064381.01	2.0563E-08	6.59E-08	6.54E-09	9.296E-08
772	252227.4	4064380.24	1.7343E-08	5.56E-08	5.51E-09	7.841E-08
773	251908.6	4064368.39	5.4303E-08	1.74E-07	1.73E-08	2.455E-07
774	252012.1	4064412.1	3.366E-08	1.08E-07	1.07E-08	1.522E-07
775	252036.1	4064411.33	3.2036E-08	1.03E-07	1.02E-08	1.448E-07
776	252060.1	4064410.57	3.0069E-08	9.63E-08	9.56E-09	1.359E-07
777	252084.1	4064409.81	2.781E-08	8.91E-08	8.84E-09	1.257E-07
778	252108.1	4064409.05	2.5339E-08	8.12E-08	8.05E-09	1.146E-07
779	252132.1	4064408.28	2.2757E-08	7.29E-08	7.23E-09	1.029E-07
780	252156.2	4064407.52	2.0158E-08	6.46E-08	6.41E-09	9.113E-08
781	252180.2	4064406.76	1.764E-08	5.65E-08	5.61E-09	7.975E-08
782	252204.2	4064406	1.5284E-08	4.90E-08	4.86E-09	6.910E-08
783	252228.2	4064405.23	1.3167E-08	4.22E-08	4.19E-09	5.953E-08
784	251925.3	4064438.51	2.8687E-08	9.19E-08	9.12E-09	1.297E-07
785	251903.8	4064430.4	3.0873E-08	9.89E-08	9.81E-09	1.396E-07
786	251872.9	4064401.37	3.8281E-08	1.23E-07	1.22E-08	1.731E-07
787	251863.4	4064380.44	4.4057E-08	1.41E-07	1.40E-08	1.992E-07
788	251989.7	4064462.83	2.1288E-08	6.82E-08	6.77E-09	9.624E-08
789	252013.7	4064462.07	2.0259E-08	6.49E-08	6.44E-09	9.159E-08
790	252037.7	4064461.31	1.9088E-08	6.11E-08	6.07E-09	8.629E-08
791	252061.7	4064460.55	1.7826E-08	5.71E-08	5.67E-09	8.059E-08
792	252085.7	4064459.78	1.6496E-08	5.28E-08	5.24E-09	7.457E-08
793	252109.7	4064459.02	1.5117E-08	4.84E-08	4.80E-09	6.834E-08
794	252133.7	4064458.26	1.3719E-08	4.39E-08	4.36E-09	6.202E-08
795	252157.7	4064457.5	1.2339E-08	3.95E-08	3.92E-09	5.578E-08
796	252181.7	4064456.73	1.1011E-08	3.53E-08	3.50E-09	4.978E-08
797	252205.7	4064455.97	9.7638E-09	3.13E-08	3.10E-09	4.414E-08
798	252229.7	4064455.21	8.6416E-09	2.77E-08	2.75E-09	3.907E-08
799	251929.9	4064489.64	1.8757E-08	6.01E-08	5.96E-09	8.480E-08
800	251889	4064474.2	2.1806E-08	6.98E-08	6.93E-09	9.858E-08
801	251839.1	4064438.82	2.7958E-08	8.95E-08	8.89E-09	1.264E-07
802	251821.1	4064398.97	3.5352E-08	1.13E-07	1.12E-08	1.598E-07
803	252015.3	4064512.05	1.3417E-08	4.30E-08	4.26E-09	6.066E-08
804	252039.3	4064511.28	1.2625E-08	4.04E-08	4.01E-09	5.707E-08
805	252063.3	4064510.52	1.1809E-08	3.78E-08	3.75E-09	5.339E-08
806	252087.3	4064509.76	1.0985E-08	3.52E-08	3.49E-09	4.966E-08
807	252111.3	4064509	1.0156E-08	3.25E-08	3.23E-09	4.591E-08
808	252135.3	4064508.23	9.3303E-09	2.99E-08	2.97E-09	4.218E-08
809	252159.3	4064507.47	8.5146E-09	2.73E-08	2.71E-09	3.849E-08
810	252183.3	4064506.71	7.7212E-09	2.47E-08	2.45E-09	3.491E-08
811	252207.3	4064505.94	6.9694E-09	2.23E-08	2.22E-09	3.151E-08
812	252231.3	4064505.18	6.2873E-09	2.01E-08	2.00E-09	2.842E-08
813	251925.8	4064537.44	1.341E-08	4.30E-08	4.26E-09	6.062E-08
814	251903.4	4064529	1.4584E-08	4.67E-08	4.64E-09	6.593E-08
815	251881	4064520.55	1.5771E-08	5.05E-08	5.01E-09	7.130E-08
816	251858.6	4064512.1	1.6942E-08	5.43E-08	5.38E-09	7.659E-08
817	251836.3	4064503.66	1.8056E-08	5.78E-08	5.74E-09	8.163E-08
818	251804	4064473.41	2.1773E-08	6.97E-08	6.92E-09	9.843E-08
819	251794.2	4064451.62	2.4644E-08	7.89E-08	7.83E-09	1.114E-07
820	251784.3	4064429.82	2.7555E-08	8.83E-08	8.76E-09	1.246E-07
821	251774.5	4064408.03	3.0351E-08	9.72E-08	9.65E-09	1.372E-07
822	251764.6	4064386.23	3.2907E-08	1.05E-07	1.05E-08	1.488E-07
823	251992.9	4064562.78	1.0068E-08	3.22E-08	3.20E-09	4.552E-08
824	252016.9	4064562.02	9.5395E-09	3.06E-08	3.03E-09	4.313E-08
825	252040.9	4064561.26	8.987E-09	2.88E-08	2.86E-09	4.063E-08
826	252064.9	4064560.5	8.432E-09	2.70E-08	2.68E-09	3.812E-08
827	252088.9	4064559.73	7.8848E-09	2.53E-08	2.51E-09	3.565E-08
828	252112.9	4064558.97	7.3464E-09	2.35E-08	2.34E-09	3.321E-08
829	252136.9	4064558.21	6.8154E-09	2.18E-08	2.17E-09	3.081E-08
830	252160.9	4064557.44	6.2927E-09	2.02E-08	2.00E-09	2.845E-08
831	252184.9	4064556.68	5.7826E-09	1.85E-08	1.84E-09	2.614E-08
832	252208.9	4064555.92	5.2979E-09	1.70E-08	1.68E-09	2.395E-08
833	252232.9	4064555.16	4.8548E-09	1.56E-08	1.54E-09	2.195E-08
834	252256.9	4064554.39	4.4651E-09	1.43E-08	1.42E-09	2.019E-08
835	251908.6	4064580.32	1.052E-08	3.37E-08	3.34E-09	4.756E-08
836	251887.1	4064572.21	1.1326E-08	3.63E-08	3.60E-09	5.120E-08
837	251865.6	4064564.11	1.215E-08	3.89E-08	3.86E-09	5.493E-08
838	251844.1	4064556	1.2979E-08	4.16E-08	4.13E-09	5.867E-08
839	251822.6	4064547.89	1.3798E-08	4.42E-08	4.39E-09	6.238E-08
840	251801.1	4064539.78	1.458E-08	4.67E-08	4.63E-09	6.591E-08
841	251770.2	4064510.75	1.7212E-08	5.51E-08	5.47E-09	7.781E-08
842	251760.8	4064489.82	1.9244E-08	6.16E-08	6.12E-09	8.700E-08
843	251751.3	4064468.9	2.1347E-08	6.84E-08	6.79E-09	9.651E-08

844	251741.8	4064447.98	2.3441E-08	7.51E-08	7.45E-09	1.060E-07
845	251732.4	4064427.05	2.5435E-08	8.15E-08	8.08E-09	1.150E-07
846	251722.9	4064406.13	2.7251E-08	8.73E-08	8.66E-09	1.232E-07
847	251713.5	4064385.2	2.8841E-08	9.24E-08	9.17E-09	1.304E-07
848	251994.5	4064612.76	7.5286E-09	2.41E-08	2.39E-09	3.403E-08
849	252018.5	4064612	7.1401E-09	2.29E-08	2.27E-09	3.228E-08
850	252042.5	4064611.23	6.7422E-09	2.16E-08	2.14E-09	3.048E-08
851	252066.5	4064610.47	6.3473E-09	2.03E-08	2.02E-09	2.869E-08
852	252090.5	4064609.71	5.9628E-09	1.91E-08	1.90E-09	2.696E-08
853	252114.5	4064608.95	5.5888E-09	1.79E-08	1.78E-09	2.527E-08
854	252138.5	4064608.18	5.2235E-09	1.67E-08	1.66E-09	2.361E-08
855	252162.5	4064607.42	4.8656E-09	1.56E-08	1.55E-09	2.200E-08
856	252186.5	4064606.66	4.5192E-09	1.45E-08	1.44E-09	2.043E-08
857	252210.5	4064605.89	4.1921E-09	1.34E-08	1.33E-09	1.895E-08
858	252234.5	4064605.13	3.8921E-09	1.25E-08	1.24E-09	1.760E-08
859	251909.5	4064679.44	6.3233E-09	2.03E-08	2.01E-09	2.859E-08
860	251887.5	4064671.12	6.766E-09	2.17E-08	2.15E-09	3.059E-08
861	251865.5	4064662.81	7.2219E-09	2.31E-08	2.30E-09	3.265E-08
862	251843.4	4064654.49	7.6919E-09	2.46E-08	2.44E-09	3.477E-08
863	251821.4	4064646.17	8.1722E-09	2.62E-08	2.60E-09	3.694E-08
864	251799.4	4064637.86	8.6615E-09	2.77E-08	2.75E-09	3.916E-08
865	251777.3	4064629.54	9.159E-09	2.93E-08	2.91E-09	4.141E-08
866	251755.3	4064621.22	9.6542E-09	3.09E-08	3.07E-09	4.364E-08
867	251733.3	4064612.91	1.0139E-08	3.25E-08	3.22E-09	4.584E-08
868	251701.5	4064583.13	1.175E-08	3.76E-08	3.73E-09	5.312E-08
869	251691.8	4064561.67	1.2985E-08	4.16E-08	4.13E-09	5.870E-08
870	251682.1	4064540.21	1.429E-08	4.58E-08	4.54E-09	6.460E-08
871	251672.4	4064518.75	1.5627E-08	5.01E-08	4.97E-09	7.064E-08
872	251662.7	4064497.29	1.6951E-08	5.43E-08	5.39E-09	7.663E-08
873	251653	4064475.83	1.8217E-08	5.83E-08	5.79E-09	8.235E-08
874	251643.3	4064454.37	1.938E-08	6.21E-08	6.16E-09	8.761E-08
875	251633.6	4064432.91	2.0409E-08	6.54E-08	6.49E-09	9.226E-08
876	251624	4064411.45	2.1285E-08	6.82E-08	6.77E-09	9.623E-08
877	251614.3	4064389.99	2.2005E-08	7.05E-08	6.99E-09	9.948E-08
878	251997.7	4064712.71	4.681E-09	1.50E-08	1.49E-09	2.116E-08
879	252021.7	4064711.95	4.4564E-09	1.43E-08	1.42E-09	2.015E-08
880	252045.7	4064711.18	4.2304E-09	1.36E-08	1.34E-09	1.913E-08
881	252069.7	4064710.42	4.0075E-09	1.28E-08	1.27E-09	1.812E-08
882	252093.7	4064709.66	3.7906E-09	1.21E-08	1.20E-09	1.714E-08
883	252117.7	4064708.89	3.5812E-09	1.15E-08	1.14E-09	1.619E-08
884	252141.7	4064708.13	3.3797E-09	1.08E-08	1.07E-09	1.528E-08
885	252165.7	4064707.37	3.1875E-09	1.02E-08	1.01E-09	1.441E-08
886	252189.7	4064706.61	3.0063E-09	9.63E-09	9.56E-10	1.359E-08
887	252213.7	4064705.84	2.8392E-09	9.09E-09	9.02E-10	1.284E-08
888	252237.7	4064705.08	2.6874E-09	8.61E-09	8.54E-10	1.215E-08
889	251911.3	4064778.87	4.2033E-09	1.35E-08	1.34E-09	1.900E-08
890	251889	4064770.42	4.472E-09	1.43E-08	1.42E-09	2.022E-08
891	251866.6	4064761.98	4.7486E-09	1.52E-08	1.51E-09	2.147E-08
892	251844.2	4064753.53	5.0339E-09	1.61E-08	1.60E-09	2.276E-08
893	251821.8	4064745.08	5.3278E-09	1.71E-08	1.69E-09	2.409E-08
894	251799.4	4064736.64	5.6301E-09	1.80E-08	1.79E-09	2.545E-08
895	251777.1	4064728.19	5.9362E-09	1.90E-08	1.89E-09	2.684E-08
896	251754.7	4064719.74	6.2497E-09	2.00E-08	1.99E-09	2.825E-08
897	251732.3	4064711.3	6.5679E-09	2.10E-08	2.09E-09	2.969E-08
898	251709.9	4064702.85	6.8876E-09	2.21E-08	2.19E-09	3.114E-08
899	251687.6	4064694.4	7.2067E-09	2.31E-08	2.29E-09	3.258E-08
900	251665.2	4064685.96	7.5233E-09	2.41E-08	2.39E-09	3.401E-08
901	251633	4064655.72	8.5761E-09	2.75E-08	2.73E-09	3.877E-08
902	251623.1	4064633.92	9.3806E-09	3.00E-08	2.98E-09	4.241E-08
903	251613.3	4064612.12	1.0239E-08	3.28E-08	3.25E-09	4.629E-08
904	251603.4	4064590.33	1.1135E-08	3.57E-08	3.54E-09	5.034E-08
905	251593.6	4064568.53	1.2047E-08	3.86E-08	3.83E-09	5.446E-08
906	251583.7	4064546.74	1.2948E-08	4.15E-08	4.12E-09	5.854E-08
907	251573.9	4064524.94	1.3811E-08	4.42E-08	4.39E-09	6.244E-08
908	251564	4064503.15	1.461E-08	4.68E-08	4.64E-09	6.605E-08
909	251554.2	4064481.35	1.5326E-08	4.91E-08	4.87E-09	6.928E-08
910	251544.3	4064459.55	1.5945E-08	5.11E-08	5.07E-09	7.208E-08
911	251534.5	4064437.76	1.6462E-08	5.27E-08	5.23E-09	7.442E-08
912	251524.6	4064415.96	1.6883E-08	5.41E-08	5.37E-09	7.632E-08
913	251514.8	4064394.17	1.7216E-08	5.51E-08	5.47E-09	7.783E-08
914	252000.8	4064812.66	3.2117E-09	1.03E-08	1.02E-09	1.452E-08
915	252024.8	4064811.9	3.0696E-09	9.83E-09	9.76E-10	1.388E-08
916	252048.8	4064811.13	2.9261E-09	9.37E-09	9.30E-10	1.323E-08
917	252072.8	4064810.37	2.7838E-09	8.92E-09	8.85E-10	1.259E-08
918	251982.5	4064904.5	2.5012E-09	8.01E-09	7.95E-10	1.131E-08
919	251961	4064896.39	2.652E-09	8.49E-09	8.43E-10	1.199E-08
920	251939.6	4064888.28	2.8067E-09	8.99E-09	8.92E-10	1.269E-08
921	251918.1	4064880.17	2.9654E-09	9.50E-09	9.43E-10	1.341E-08
922	251896.6	4064872.06	3.1285E-09	1.00E-08	9.94E-10	1.414E-08
923	251875.1	4064863.95	3.2966E-09	1.06E-08	1.05E-09	1.490E-08
924	251853.6	4064855.85	3.4701E-09	1.11E-08	1.10E-09	1.569E-08
925	251832.2	4064847.74	3.6495E-09	1.17E-08	1.16E-09	1.650E-08
926	251810.7	4064839.63	3.8346E-09	1.23E-08	1.22E-09	1.734E-08
927	251789.2	4064831.52	4.0253E-09	1.29E-08	1.28E-09	1.820E-08
928	251767.7	4064823.41	4.2208E-09	1.35E-08	1.34E-09	1.908E-08
929	251746.2	4064815.3	4.4181E-09	1.42E-08	1.40E-09	1.997E-08
930	251724.7	4064807.19	4.6196E-09	1.48E-08	1.47E-09	2.088E-08
931	251703.3	4064799.08	4.8239E-09	1.55E-08	1.53E-09	2.181E-08
932	251681.8	4064790.98	5.0288E-09	1.61E-08	1.60E-09	2.273E-08
933	251660.3	4064782.87	5.2342E-09	1.68E-08	1.66E-09	2.366E-08
934	251638.8	4064774.76	5.44E-09	1.74E-08	1.73E-09	2.459E-08
935	251617.3	4064766.65	5.6462E-09	1.81E-08	1.79E-09	2.552E-08
936	251595.9	4064758.54	5.8529E-09	1.87E-08	1.86E-09	2.646E-08
937	251564.9	4064729.51	6.5401E-09	2.09E-08	2.08E-09	2.957E-08

938	251555.5	4064708.58	7.061E-09	2.26E-08	2.24E-09	3.192E-08
939	251546	4064687.66	7.6188E-09	2.44E-08	2.42E-09	3.444E-08
940	251536.6	4064666.74	8.2077E-09	2.63E-08	2.61E-09	3.711E-08
941	251527.1	4064645.81	8.8186E-09	2.82E-08	2.80E-09	3.987E-08
942	251517.6	4064624.89	9.4367E-09	3.02E-08	3.00E-09	4.266E-08
943	251508.2	4064603.96	1.0051E-08	3.22E-08	3.19E-09	4.544E-08
944	251498.7	4064583.04	1.0646E-08	3.41E-08	3.38E-09	4.813E-08
945	251489.3	4064562.12	1.1212E-08	3.59E-08	3.56E-09	5.069E-08
946	251479.8	4064541.19	1.1735E-08	3.76E-08	3.73E-09	5.305E-08
947	251470.4	4064520.27	1.2203E-08	3.91E-08	3.88E-09	5.517E-08
948	251460.9	4064499.35	1.2612E-08	4.04E-08	4.01E-09	5.702E-08
949	251451.4	4064478.42	1.2959E-08	4.15E-08	4.12E-09	5.859E-08
950	251442	4064457.5	1.3247E-08	4.24E-08	4.21E-09	5.989E-08
951	251432.5	4064436.57	1.3481E-08	4.32E-08	4.28E-09	6.094E-08
952	251423.1	4064415.65	1.3668E-08	4.38E-08	4.34E-09	6.179E-08
953	251413.6	4064394.73	1.3816E-08	4.43E-08	4.39E-09	6.246E-08
954	251404.2	4064373.8	1.3933E-08	4.46E-08	4.43E-09	6.299E-08
955	252004	4064912.61	2.3543E-09	7.54E-09	7.48E-10	1.064E-08
956	252100	4064909.56	1.9633E-09	6.29E-09	6.24E-10	8.876E-09
957	252124	4064908.79	1.8727E-09	6.00E-09	5.95E-10	8.466E-09
958	252148	4064908.03	1.788E-09	5.73E-09	5.68E-10	8.083E-09
959	252172	4064907.27	1.7104E-09	5.48E-09	5.44E-10	7.732E-09
960	252196	4064906.51	1.6406E-09	5.25E-09	5.21E-10	7.417E-09
961	252220	4064905.74	1.579E-09	5.06E-09	5.02E-10	7.138E-09
962	251985.4	4065004.33	1.9123E-09	6.12E-09	6.08E-10	8.645E-09
963	251963.6	4064996.1	2.0189E-09	6.47E-09	6.42E-10	9.127E-09
964	251941.8	4064987.88	2.127E-09	6.81E-09	6.76E-10	9.616E-09
965	251920	4064979.65	2.2367E-09	7.16E-09	7.11E-10	1.011E-08
966	251898.2	4064971.43	2.3483E-09	7.52E-09	7.46E-10	1.062E-08
967	251876.4	4064963.2	2.4626E-09	7.89E-09	7.83E-10	1.113E-08
968	251854.6	4064954.97	2.5804E-09	8.26E-09	8.20E-10	1.167E-08
969	251832.8	4064946.75	2.7021E-09	8.65E-09	8.59E-10	1.222E-08
970	251811	4064938.52	2.8286E-09	9.06E-09	8.99E-10	1.279E-08
971	251789.3	4064930.29	2.9599E-09	9.48E-09	9.41E-10	1.338E-08
972	251767.5	4064922.07	3.0956E-09	9.92E-09	9.84E-10	1.399E-08
973	251745.7	4064913.84	3.2357E-09	1.04E-08	1.03E-09	1.463E-08
974	251723.9	4064905.61	3.3782E-09	1.08E-08	1.07E-09	1.527E-08
975	251702.1	4064897.39	3.5222E-09	1.13E-08	1.12E-09	1.592E-08
976	251680.3	4064889.16	3.669E-09	1.18E-08	1.17E-09	1.659E-08
977	251658.5	4064880.94	3.816E-09	1.22E-08	1.21E-09	1.725E-08
978	251636.7	4064872.71	3.9628E-09	1.27E-08	1.26E-09	1.792E-08
979	251614.9	4064864.48	4.1093E-09	1.32E-08	1.31E-09	1.858E-08
980	251593.1	4064856.26	4.2555E-09	1.36E-08	1.35E-09	1.924E-08
981	251571.3	4064848.03	4.4021E-09	1.41E-08	1.40E-09	1.990E-08
982	251549.5	4064839.8	4.5499E-09	1.46E-08	1.45E-09	2.057E-08
983	251527.7	4064831.58	4.699E-09	1.51E-08	1.49E-09	2.124E-08
984	251496.4	4064802.12	5.1956E-09	1.66E-08	1.65E-09	2.349E-08
985	251486.8	4064780.9	5.5701E-09	1.78E-08	1.77E-09	2.518E-08
986	251477.2	4064759.67	5.9704E-09	1.91E-08	1.90E-09	2.699E-08
987	251467.6	4064738.44	6.3948E-09	2.05E-08	2.03E-09	2.891E-08
988	251458	4064717.22	6.8417E-09	2.19E-08	2.17E-09	3.093E-08
989	251448.4	4064695.99	7.3024E-09	2.34E-08	2.32E-09	3.301E-08
990	251438.8	4064674.76	7.7683E-09	2.49E-08	2.47E-09	3.512E-08
991	251429.2	4064653.53	8.2304E-09	2.64E-08	2.62E-09	3.721E-08
992	251419.6	4064632.31	8.6787E-09	2.78E-08	2.76E-09	3.923E-08
993	251410	4064611.08	9.1049E-09	2.92E-08	2.89E-09	4.116E-08
994	251400.4	4064589.85	9.5007E-09	3.04E-08	3.02E-09	4.295E-08
995	251390.8	4064568.63	9.8596E-09	3.16E-08	3.13E-09	4.457E-08
996	251381.2	4064547.4	1.0177E-08	3.26E-08	3.23E-09	4.601E-08
997	251371.6	4064526.17	1.0451E-08	3.35E-08	3.32E-09	4.725E-08
998	251362.1	4064504.95	1.0682E-08	3.42E-08	3.40E-09	4.829E-08
999	251352.5	4064483.72	1.0872E-08	3.48E-08	3.46E-09	4.915E-08
1000	251342.9	4064462.49	1.1026E-08	3.53E-08	3.50E-09	4.985E-08
1001	251333.3	4064441.26	1.1149E-08	3.57E-08	3.54E-09	5.040E-08
1002	251323.7	4064420.04	1.1248E-08	3.60E-08	3.58E-09	5.085E-08
1003	251314.1	4064398.81	1.1328E-08	3.63E-08	3.60E-09	5.121E-08
1004	251304.5	4064377.58	1.1393E-08	3.65E-08	3.62E-09	5.151E-08
1005	252007.2	4065012.56	1.8076E-09	5.79E-09	5.75E-10	8.172E-09
1006	252031.2	4065011.79	1.7357E-09	5.56E-09	5.52E-10	7.847E-09
1007	252055.2	4065011.03	1.6631E-09	5.33E-09	5.29E-10	7.519E-09
1008	252079.2	4065010.27	1.5917E-09	5.10E-09	5.06E-10	7.196E-09
1009	252103.2	4065009.51	1.5216E-09	4.87E-09	4.84E-10	6.879E-09
1010	252127.2	4065008.74	1.4512E-09	4.65E-09	4.61E-10	6.560E-09
1011	252151.2	4065007.98	1.3918E-09	4.46E-09	4.42E-10	6.292E-09
1012	252175.2	4065007.22	1.3378E-09	4.28E-09	4.25E-10	6.048E-09
1013	252199.2	4065006.46	1.2897E-09	4.13E-09	4.10E-10	5.830E-09
1014	252223.2	4065005.69	1.2481E-09	4.00E-09	3.97E-10	5.642E-09
1015	251988.3	4065104.19	1.5143E-09	4.85E-09	4.81E-10	6.846E-09
1016	251966.3	4065095.87	1.5937E-09	5.10E-09	5.07E-10	7.205E-09
1017	251944.3	4065087.56	1.6736E-09	5.36E-09	5.32E-10	7.566E-09
1018	251922.2	4065079.24	1.754E-09	5.62E-09	5.58E-10	7.929E-09
1019	251900.2	4065070.92	1.8348E-09	5.88E-09	5.83E-10	8.295E-09
1020	251878.2	4065062.61	1.9164E-09	6.14E-09	6.09E-10	8.664E-09
1021	251856.1	4065054.29	1.9997E-09	6.40E-09	6.36E-10	9.040E-09
1022	251834.1	4065045.97	2.0852E-09	6.68E-09	6.63E-10	9.427E-09
1023	251812.1	4065037.66	2.1736E-09	6.96E-09	6.91E-10	9.826E-09
1024	251790	4065029.34	2.2657E-09	7.26E-09	7.20E-10	1.024E-08
1025	251768	4065021.02	2.3616E-09	7.56E-09	7.51E-10	1.068E-08
1026	251746	4065012.71	2.4614E-09	7.88E-09	7.82E-10	1.113E-08
1027	251723.9	4065004.39	2.565E-09	8.22E-09	8.15E-10	1.160E-08
1028	251701.9	4064996.07	2.6717E-09	8.56E-09	8.49E-10	1.208E-08
1029	251679.9	4064987.76	2.7807E-09	8.91E-09	8.84E-10	1.257E-08
1030	251657.8	4064979.44	2.891E-09	9.26E-09	9.19E-10	1.307E-08
1031	251635.8	4064971.12	3.0018E-09	9.61E-09	9.54E-10	1.357E-08

1032	251613.8	4064962.81	3.112E-09	9.97E-09	9.89E-10	1.407E-08
1033	251591.7	4064954.49	3.2212E-09	1.03E-08	1.02E-09	1.456E-08
1034	251569.7	4064946.17	3.3292E-09	1.07E-08	1.06E-09	1.505E-08
1035	251547.7	4064937.85	3.4365E-09	1.10E-08	1.09E-09	1.554E-08
1036	251525.6	4064929.54	3.5435E-09	1.14E-08	1.13E-09	1.602E-08
1037	251503.6	4064921.22	3.6518E-09	1.17E-08	1.16E-09	1.651E-08
1038	251481.6	4064912.9	3.7614E-09	1.20E-08	1.20E-09	1.701E-08
1039	251459.5	4064904.59	3.8728E-09	1.24E-08	1.23E-09	1.751E-08
1040	251427.8	4064874.81	4.2434E-09	1.36E-08	1.35E-09	1.918E-08
1041	251418.1	4064853.35	4.5215E-09	1.45E-08	1.44E-09	2.044E-08
1042	251408.4	4064831.89	4.8203E-09	1.54E-08	1.53E-09	2.179E-08
1043	251398.7	4064810.43	5.1387E-09	1.65E-08	1.63E-09	2.323E-08
1044	251389	4064788.97	5.4725E-09	1.75E-08	1.74E-09	2.474E-08
1045	251379.3	4064767.51	5.8189E-09	1.86E-08	1.85E-09	2.631E-08
1046	251369.6	4064746.05	6.176E-09	1.98E-08	1.96E-09	2.792E-08
1047	251359.9	4064724.59	6.5359E-09	2.09E-08	2.08E-09	2.955E-08
1048	251350.2	4064703.13	6.8921E-09	2.21E-08	2.19E-09	3.116E-08
1049	251340.5	4064681.67	7.2381E-09	2.32E-08	2.30E-09	3.272E-08
1050	251330.8	4064660.21	7.568E-09	2.42E-08	2.41E-09	3.421E-08
1051	251321.1	4064638.75	7.8763E-09	2.52E-08	2.50E-09	3.561E-08
1052	251311.4	4064617.29	8.1587E-09	2.61E-08	2.59E-09	3.688E-08
1053	251301.7	4064595.83	8.4118E-09	2.69E-08	2.67E-09	3.803E-08
1054	251292	4064574.37	8.6337E-09	2.77E-08	2.74E-09	3.903E-08
1055	251282.3	4064552.91	8.8237E-09	2.83E-08	2.80E-09	3.989E-08
1056	251272.6	4064531.45	8.9827E-09	2.88E-08	2.86E-09	4.061E-08
1057	251262.9	4064509.99	9.1132E-09	2.92E-08	2.90E-09	4.120E-08
1058	251253.2	4064488.53	9.2175E-09	2.95E-08	2.93E-09	4.167E-08
1059	251243.5	4064467.06	9.3012E-09	2.98E-08	2.96E-09	4.205E-08
1060	251233.8	4064445.6	9.3715E-09	3.00E-08	2.98E-09	4.237E-08
1061	251224.2	4064424.14	9.4262E-09	3.02E-08	3.00E-09	4.261E-08
1062	251214.5	4064402.68	9.4709E-09	3.03E-08	3.01E-09	4.282E-08
1063	251204.8	4064381.22	9.5087E-09	3.05E-08	3.02E-09	4.299E-08
1064	252010.4	4065112.51	1.4361E-09	4.60E-09	4.56E-10	6.492E-09
1065	252034.4	4065111.74	1.3812E-09	4.42E-09	4.39E-10	6.244E-09
1066	252058.4	4065110.98	1.3263E-09	4.25E-09	4.22E-10	5.996E-09
1067	252082.4	4065110.22	1.2726E-09	4.08E-09	4.05E-10	5.753E-09
1068	252106.4	4065109.46	1.2203E-09	3.91E-09	3.88E-10	5.517E-09
1069	252130.4	4065108.69	1.1681E-09	3.74E-09	3.71E-10	5.281E-09
1070	252154.4	4065107.93	1.1238E-09	3.60E-09	3.57E-10	5.081E-09
1071	252178.4	4065107.17	1.0844E-09	3.47E-09	3.45E-10	4.902E-09
1072	252202.4	4065106.4	1.0497E-09	3.36E-09	3.34E-10	4.745E-09
1073	252226.4	4065105.64	1.0198E-09	3.27E-09	3.24E-10	4.610E-09
1074	251991.3	4065204.07	1.232E-09	3.95E-09	3.92E-10	5.569E-09
1075	251969.1	4065195.68	1.2933E-09	4.14E-09	4.11E-10	5.847E-09
1076	251946.9	4065187.29	1.3549E-09	4.34E-09	4.31E-10	6.125E-09
1077	251924.6	4065178.9	1.4166E-09	4.54E-09	4.50E-10	6.404E-09
1078	251902.4	4065170.51	1.478E-09	4.73E-09	4.70E-10	6.682E-09
1079	251880.2	4065162.13	1.5393E-09	4.93E-09	4.89E-10	6.959E-09
1080	251858	4065153.74	1.601E-09	5.13E-09	5.09E-10	7.238E-09
1081	251835.8	4065145.35	1.6636E-09	5.33E-09	5.29E-10	7.521E-09
1082	251813.5	4065136.96	1.7276E-09	5.53E-09	5.49E-10	7.810E-09
1083	251791.3	4065128.57	1.7938E-09	5.75E-09	5.70E-10	8.109E-09
1084	251769.1	4065120.18	1.8626E-09	5.97E-09	5.92E-10	8.420E-09
1085	251746.9	4065111.79	1.9344E-09	6.20E-09	6.15E-10	8.745E-09
1086	251724.6	4065103.41	2.0095E-09	6.44E-09	6.39E-10	9.085E-09
1087	251702.4	4065095.02	2.0879E-09	6.69E-09	6.64E-10	9.439E-09
1088	251680.2	4065086.63	2.1693E-09	6.95E-09	6.90E-10	9.807E-09
1089	251658	4065078.24	2.253E-09	7.22E-09	7.16E-10	1.019E-08
1090	251635.8	4065069.85	2.3384E-09	7.49E-09	7.43E-10	1.057E-08
1091	251613.5	4065061.46	2.4245E-09	7.77E-09	7.71E-10	1.096E-08
1092	251591.3	4065053.08	2.5106E-09	8.04E-09	7.98E-10	1.135E-08
1093	251569.1	4065044.69	2.596E-09	8.31E-09	8.25E-10	1.174E-08
1094	251546.9	4065036.3	2.6802E-09	8.58E-09	8.52E-10	1.212E-08
1095	251524.6	4065027.91	2.7633E-09	8.85E-09	8.78E-10	1.249E-08
1096	251502.4	4065019.52	2.8454E-09	9.11E-09	9.04E-10	1.286E-08
1097	251480.2	4065011.13	2.9269E-09	9.37E-09	9.30E-10	1.323E-08
1098	251458	4065002.75	3.008E-09	9.63E-09	9.56E-10	1.360E-08
1099	251435.8	4064994.36	3.0894E-09	9.90E-09	9.82E-10	1.397E-08
1100	251413.5	4064985.97	3.1732E-09	1.02E-08	1.01E-09	1.435E-08
1101	251391.3	4064977.58	3.2589E-09	1.04E-08	1.04E-09	1.473E-08
1102	251359.3	4064947.55	3.5431E-09	1.13E-08	1.13E-09	1.602E-08
1103	251349.5	4064925.9	3.7553E-09	1.20E-08	1.19E-09	1.698E-08
1104	251339.7	4064904.26	3.9829E-09	1.28E-08	1.27E-09	1.801E-08
1105	251330	4064882.61	4.2257E-09	1.35E-08	1.34E-09	1.910E-08
1106	251320.2	4064860.96	4.4825E-09	1.44E-08	1.42E-09	2.026E-08
1107	251310.4	4064839.32	4.7504E-09	1.52E-08	1.51E-09	2.148E-08
1108	251300.6	4064817.67	5.0262E-09	1.61E-08	1.60E-09	2.272E-08
1109	251290.8	4064796.03	5.309E-09	1.70E-08	1.69E-09	2.400E-08
1110	251281	4064774.38	5.5935E-09	1.79E-08	1.78E-09	2.529E-08
1111	251271.3	4064752.74	5.8747E-09	1.88E-08	1.87E-09	2.656E-08
1112	251261.5	4064731.09	6.1483E-09	1.97E-08	1.95E-09	2.779E-08
1113	251251.7	4064709.45	6.4096E-09	2.05E-08	2.04E-09	2.898E-08
1114	251241.9	4064687.8	6.6553E-09	2.13E-08	2.12E-09	3.009E-08
1115	251232.1	4064666.16	6.882E-09	2.20E-08	2.19E-09	3.111E-08
1116	251222.4	4064644.51	7.0868E-09	2.27E-08	2.25E-09	3.204E-08
1117	251212.6	4064622.87	7.2674E-09	2.33E-08	2.31E-09	3.285E-08
1118	251202.8	4064601.22	7.4247E-09	2.38E-08	2.36E-09	3.357E-08
1119	251193	4064579.58	7.5602E-09	2.42E-08	2.40E-09	3.418E-08
1120	251183.2	4064557.93	7.6733E-09	2.46E-08	2.44E-09	3.469E-08
1121	251173.4	4064536.28	7.7658E-09	2.49E-08	2.47E-09	3.511E-08
1122	251163.7	4064514.64	7.8402E-09	2.51E-08	2.49E-09	3.544E-08
1123	251153.9	4064492.99	7.8998E-09	2.53E-08	2.51E-09	3.571E-08
1124	252013.5	4065212.46	1.1716E-09	3.75E-09	3.72E-10	5.296E-09
1125	252037.5	4065211.69	1.1286E-09	3.61E-09	3.59E-10	5.102E-09

1126	252061.5	4065210.93	1.0859E-09	3.48E-09	3.45E-10	4.909E-09
1127	252085.5	4065210.17	1.0446E-09	3.35E-09	3.32E-10	4.722E-09
1128	252109.6	4065209.41	1.0053E-09	3.22E-09	3.20E-10	4.545E-09
1129	252133.6	4065208.64	9.6872E-10	3.10E-09	3.08E-10	4.379E-09
1130	252157.6	4065207.88	9.3532E-10	3.00E-09	2.97E-10	4.228E-09
1131	252181.6	4065207.12	9.0548E-10	2.90E-09	2.88E-10	4.093E-09
1132	252205.6	4065206.35	8.7925E-10	2.82E-09	2.79E-10	3.975E-09
1133	252229.6	4065205.59	8.5661E-10	2.74E-09	2.72E-10	3.873E-09
1134	252277.6	4065204.07	8.2074E-10	2.63E-09	2.61E-10	3.710E-09

Resident Risk

			Max	1.45E-03	**4.66E-03**	4.62E-04
				Year 1	Year 2	Year 3
1	251428.8	4064178		1.41E-03	4.50E-03	4.47E-04
2	251429.5	4064129		1.44E-03	4.61E-03	4.58E-04
3	251432.5	4064100		1.45E-03	4.66E-03	4.62E-04
4	251427.3	4064066		1.42E-03	4.56E-03	4.53E-04
5	251482.9	4063714		7.51E-04	2.40E-03	2.39E-04
6	251482.2	4063671		6.70E-04	2.15E-03	2.13E-04
7	251530.4	4063621		6.05E-04	1.94E-03	1.92E-04
8	251467.4	4063558		5.08E-04	1.63E-03	1.62E-04
9	251470.3	4063379		3.47E-04	1.11E-03	1.10E-04
10	251468.1	4063321		3.10E-04	9.93E-04	9.85E-05
11	251551.2	4063315		3.09E-04	9.91E-04	9.83E-05
12	251558.6	4063284		2.93E-04	9.39E-04	9.31E-05
13	251484.4	4063292		2.94E-04	9.42E-04	9.35E-05
14	251482.2	4063261		2.78E-04	8.92E-04	8.85E-05
15	251558.6	4063264		2.84E-04	9.08E-04	9.01E-05
16	251557.9	4063241		2.72E-04	8.73E-04	8.66E-05
17	251474	4063241		2.69E-04	8.61E-04	8.54E-05
18	251620.9	4063184		2.55E-04	8.18E-04	8.12E-05
19	251620.9	4063224		2.71E-04	8.69E-04	8.62E-05
20	251621.7	4063273		2.94E-04	9.40E-04	9.33E-05
21	251623.1	4063301		3.08E-04	9.85E-04	9.78E-05
22	251589.8	4063302		3.05E-04	9.77E-04	9.70E-05
23	251586.8	4063248		2.78E-04	8.91E-04	8.84E-05
24	251585.3	4063212		2.63E-04	8.41E-04	8.35E-05
25	251391.2	4062930		1.69E-04	5.41E-04	5.37E-05
26	251489.8	4062921		1.73E-04	5.54E-04	5.50E-05
27	251803.7	4062912		1.87E-04	5.98E-04	5.94E-05
28	251748	4062910		1.86E-04	5.94E-04	5.90E-05
29	251692.8	4062910		1.84E-04	5.89E-04	5.85E-05
30	251642.9	4062917		1.83E-04	5.86E-04	5.82E-05
31	251566.3	4062917		1.78E-04	5.69E-04	5.65E-05
32	251463	4062846		1.58E-04	5.05E-04	5.01E-05
33	251527.1	4062846		1.62E-04	5.19E-04	5.15E-05
34	251577	4062853		1.66E-04	5.33E-04	5.29E-05
35	251612.6	4062851		1.68E-04	5.39E-04	5.35E-05
36	251673.2	4062846		1.70E-04	5.45E-04	5.40E-05
37	251730.2	4062847		1.72E-04	5.50E-04	5.46E-05
38	251776.5	4062847		1.72E-04	5.51E-04	5.47E-05
39	251806.7	4062844		1.71E-04	5.49E-04	5.45E-05
40	251787.1	4062762		1.56E-04	4.98E-04	4.94E-05
41	251742.6	4062773		1.57E-04	5.04E-04	5.00E-05
42	251699.9	4062774		1.57E-04	5.04E-04	5.00E-05
43	251657.1	4062774		1.57E-04	5.01E-04	4.98E-05
44	251621.5	4062776		1.56E-04	4.99E-04	4.95E-05
45	251580.6	4062778		1.54E-04	4.94E-04	4.90E-05
46	251534.3	4062778		1.52E-04	4.85E-04	4.82E-05
47	251468.4	4062780		1.48E-04	4.73E-04	4.69E-05
48	251382.9	4062812		1.48E-04	4.73E-04	4.69E-05
49	251379.3	4062842		1.52E-04	4.88E-04	4.84E-05
50	250861.1	4063341		2.73E-04	8.74E-04	8.68E-05
51	250791.7	4063343		2.68E-04	8.57E-04	8.51E-05
52	250725.8	4063341		2.61E-04	8.37E-04	8.31E-05
53	250672.3	4063346		2.59E-04	8.29E-04	8.23E-05
54	250716.9	4064051		4.42E-04	1.41E-03	1.40E-04
55	250868.2	4064397		4.48E-04	1.43E-03	1.42E-04
56	250903.8	4064326		4.93E-04	1.58E-03	1.57E-04
57	250859.3	4064324		4.66E-04	1.49E-03	1.48E-04
58	250697.3	4064219		4.07E-04	1.30E-03	1.29E-04
59	250639.1	4064571		3.12E-04	1.00E-03	9.93E-05
60	253553	4065589		1.40E-05	4.48E-05	4.45E-06
61	253561.1	4065673		1.32E-05	4.22E-05	4.18E-06
62	253593.2	4065617		1.35E-05	4.32E-05	4.29E-06
63	250663.2	4065573		9.89E-05	3.17E-04	3.14E-05
64	250651.2	4065480		1.13E-04	3.61E-04	3.58E-05
65	250647.2	4065304		1.47E-04	4.69E-04	4.66E-05
66	250659.2	4065204		1.71E-04	5.47E-04	5.43E-05
67	250651.2	4065119		1.93E-04	6.18E-04	6.14E-05
68	250651.2	4064971		2.33E-04	7.46E-04	7.40E-05
69	250647.2	4064886		2.54E-04	8.13E-04	8.07E-05

Worker Risk

			Max	1.05E-03	**3.36E-03**	3.33E-04
				Year 1	Year 2	Year 3
1	252295.1	4064360		1.05E-03	3.36E-03	3.33E-04
2	252312.1	4064377		8.03E-04	2.57E-03	2.55E-04
3	252349.2	4064411		5.23E-04	1.67E-03	1.66E-04
4	252320.5	4064424		5.38E-04	1.72E-03	1.71E-04
5	252385.3	4064445		3.71E-04	1.19E-03	1.18E-04
6	252355.3	4064459		3.80E-04	1.22E-03	1.21E-04
7	252325.3	4064473		3.95E-04	1.27E-03	1.26E-04
8	252295.3	4064486		4.14E-04	1.32E-03	1.31E-04
9	252421.6	4064480		2.79E-04	8.93E-04	8.86E-05
10	252401	4064489		2.81E-04	9.02E-04	8.95E-05
11	252380.4	4064498		2.87E-04	9.19E-04	9.12E-05
12	252359.8	4064508		2.95E-04	9.45E-04	9.38E-05
13	252339.3	4064517		3.05E-04	9.76E-04	9.68E-05
14	252318.7	4064526		3.15E-04	1.01E-03	1.00E-04
15	252298.1	4064536		3.25E-04	1.04E-03	1.03E-04
16	252458.5	4064514		2.18E-04	6.98E-04	6.92E-05
17	252428.5	4064527		2.21E-04	7.06E-04	7.01E-05
18	252398.5	4064541		2.28E-04	7.30E-04	7.24E-05
19	252368.5	4064554		2.39E-04	7.65E-04	7.59E-05
20	252338.5	4064568		2.51E-04	8.04E-04	7.97E-05
21	252308.5	4064582		2.63E-04	8.41E-04	8.35E-05
22	252531.2	4064582		1.45E-04	4.63E-04	4.60E-05
23	252510.5	4064591		1.45E-04	4.64E-04	4.61E-05
24	252489.8	4064601		1.47E-04	4.70E-04	4.66E-05
25	252469	4064610		1.50E-04	4.80E-04	4.76E-05
26	252448.3	4064620		1.54E-04	4.94E-04	4.90E-05
27	252427.6	4064629		1.59E-04	5.10E-04	5.06E-05
28	252406.8	4064638		1.65E-04	5.29E-04	5.25E-05
29	252386.1	4064648		1.71E-04	5.48E-04	5.43E-05
30	252365.4	4064657		1.77E-04	5.66E-04	5.62E-05
31	252344.6	4064667		1.82E-04	5.83E-04	5.78E-05
32	252323.9	4064676		1.87E-04	5.98E-04	5.93E-05
33	252303.2	4064685		1.91E-04	6.10E-04	6.06E-05
34	252604.5	4064650		1.04E-04	3.33E-04	3.30E-05
35	252583.9	4064659		1.04E-04	3.33E-04	3.30E-05
36	252563.3	4064669		1.05E-04	3.36E-04	3.33E-05
37	252542.7	4064678		1.07E-04	3.41E-04	3.39E-05
38	252522.2	4064687		1.09E-04	3.49E-04	3.47E-05
39	252501.6	4064697		1.12E-04	3.59E-04	3.57E-05
40	252481	4064706		1.16E-04	3.71E-04	3.68E-05
41	252460.4	4064715		1.20E-04	3.84E-04	3.81E-05
42	252439.8	4064725		1.24E-04	3.98E-04	3.95E-05
43	252419.2	4064734		1.28E-04	4.11E-04	4.08E-05
44	252398.7	4064744		1.32E-04	4.24E-04	4.21E-05
45	252378.1	4064753		1.36E-04	4.35E-04	4.32E-05
46	252357.5	4064762		1.39E-04	4.45E-04	4.42E-05
47	252336.9	4064772		1.41E-04	4.53E-04	4.50E-05
48	252316.3	4064781		1.43E-04	4.59E-04	4.56E-05
49	252677.7	4064718		7.88E-05	2.52E-04	2.50E-05
50	252647	4064732		7.89E-05	2.53E-04	2.51E-05
51	252616.2	4064746		8.03E-05	2.57E-04	2.55E-05
52	252595.8	4064755		8.18E-05	2.62E-04	2.60E-05
53	252565	4064769		8.49E-05	2.72E-04	2.70E-05
54	252544.6	4064779		8.75E-05	2.80E-04	2.78E-05
55	252513.8	4064793		9.19E-05	2.94E-04	2.92E-05
56	252493.3	4064802		9.50E-05	3.04E-04	3.02E-05
57	252462.6	4064816		9.96E-05	3.19E-04	3.17E-05
58	252442.1	4064825		1.03E-04	3.28E-04	3.26E-05
59	252411.4	4064839		1.06E-04	3.41E-04	3.38E-05
60	252390.9	4064848		1.08E-04	3.47E-04	3.45E-05
61	252360.2	4064862		1.11E-04	3.55E-04	3.52E-05
62	252339.7	4064872		1.12E-04	3.59E-04	3.56E-05
63	252309	4064886		1.13E-04	3.63E-04	3.60E-05
64	252750.9	4064786		6.22E-05	1.99E-04	1.98E-05
65	252720.3	4064800		6.22E-05	1.99E-04	1.98E-05
66	252689.7	4064814		6.30E-05	2.02E-04	2.00E-05
67	252659	4064828		6.46E-05	2.07E-04	2.05E-05
68	252628.4	4064842		6.69E-05	2.14E-04	2.13E-05
69	252597.8	4064856		6.98E-05	2.23E-04	2.22E-05

70	250647.2	4064782	2.78E-04	8.89E-04	8.82E-05
71	250647.2	4064858	2.61E-04	8.34E-04	8.28E-05
72	250651.2	4064706	2.94E-04	9.40E-04	9.33E-05
73	251060.6	4065641	8.49E-05	2.72E-04	2.70E-05
74	251072.6	4065593	9.01E-05	2.89E-04	2.86E-05
75	250964.2	4065649	8.53E-05	2.73E-04	2.71E-05
76	250880	4065657	8.55E-05	2.74E-04	2.72E-05
77	250880	4065617	8.99E-05	2.88E-04	2.86E-05
78	250968.3	4065601	9.07E-05	2.90E-04	2.88E-05
79	250811.7	4065665	8.55E-05	2.74E-04	2.72E-05

70	252567.2	4064870	7.31E-05	2.34E-04	2.32E-05
71	252536.6	4064884	7.66E-05	2.45E-04	2.44E-05
72	252505.9	4064898	8.01E-05	2.57E-04	2.55E-05
73	252475.3	4064911	8.34E-05	2.67E-04	2.65E-05
74	252444.7	4064925	8.61E-05	2.76E-04	2.74E-05
75	252414.1	4064939	8.83E-05	2.83E-04	2.81E-05
76	252383.5	4064953	8.98E-05	2.88E-04	2.85E-05
77	252352.9	4064967	9.07E-05	2.90E-04	2.88E-05
78	252322.2	4064981	9.12E-05	2.92E-04	2.90E-05
79	252823.9	4064855	5.06E-05	1.62E-04	1.61E-05
80	252803.1	4064864	5.06E-05	1.62E-04	1.61E-05
81	252782.4	4064873	5.08E-05	1.63E-04	1.61E-05
82	252761.7	4064883	5.12E-05	1.64E-04	1.63E-05
83	252740.9	4064892	5.18E-05	1.66E-04	1.65E-05
84	252720.2	4064902	5.27E-05	1.69E-04	1.68E-05
85	252699.5	4064911	5.38E-05	1.72E-04	1.71E-05
86	252678.7	4064921	5.51E-05	1.77E-04	1.75E-05
87	252658	4064930	5.67E-05	1.81E-04	1.80E-05
88	252637.3	4064939	5.83E-05	1.87E-04	1.85E-05
89	252616.5	4064949	6.01E-05	1.93E-04	1.91E-05
90	252595.8	4064958	6.20E-05	1.99E-04	1.97E-05
91	252575.1	4064968	6.39E-05	2.05E-04	2.03E-05
92	252554.3	4064977	6.58E-05	2.11E-04	2.09E-05
93	252533.6	4064986	6.75E-05	2.16E-04	2.15E-05
94	252512.8	4064996	6.92E-05	2.22E-04	2.20E-05
95	252492.1	4065005	7.06E-05	2.26E-04	2.24E-05
96	252471.4	4065015	7.19E-05	2.30E-04	2.29E-05
97	252450.6	4065024	7.30E-05	2.34E-04	2.32E-05
98	252429.9	4065034	7.38E-05	2.36E-04	2.35E-05
99	252409.2	4065043	7.44E-05	2.38E-04	2.37E-05
100	252388.4	4065052	7.49E-05	2.40E-04	2.38E-05
101	252367.7	4065062	7.51E-05	2.41E-04	2.39E-05
102	252347	4065071	7.53E-05	2.41E-04	2.39E-05
103	252326.2	4065081	7.53E-05	2.41E-04	2.39E-05
104	252284.8	4065099	7.55E-05	2.42E-04	2.40E-05
105	252897.1	4064923	4.22E-05	1.35E-04	1.34E-05
106	252876.4	4064932	4.21E-05	1.35E-04	1.34E-05
107	252855.8	4064942	4.23E-05	1.35E-04	1.34E-05
108	252835.1	4064951	4.25E-05	1.36E-04	1.35E-05
109	252814.5	4064960	4.30E-05	1.38E-04	1.37E-05
110	252793.8	4064970	4.36E-05	1.40E-04	1.38E-05
111	252773.2	4064979	4.43E-05	1.42E-04	1.41E-05
112	252752.5	4064988	4.52E-05	1.45E-04	1.44E-05
113	252731.9	4064998	4.63E-05	1.48E-04	1.47E-05
114	252711.2	4065007	4.75E-05	1.52E-04	1.51E-05
115	252690.6	4065017	4.89E-05	1.56E-04	1.55E-05
116	252669.9	4065026	5.03E-05	1.61E-04	1.60E-05
117	252649.3	4065035	5.18E-05	1.66E-04	1.65E-05
118	252628.6	4065045	5.33E-05	1.71E-04	1.69E-05
119	252608	4065054	5.48E-05	1.75E-04	1.74E-05
120	252587.3	4065063	5.62E-05	1.80E-04	1.79E-05
121	252566.7	4065073	5.76E-05	1.84E-04	1.83E-05
122	252546	4065082	5.88E-05	1.88E-04	1.87E-05
123	252525.4	4065092	5.99E-05	1.92E-04	1.90E-05
124	252504.7	4065101	6.09E-05	1.95E-04	1.94E-05
125	252484.1	4065110	6.17E-05	1.98E-04	1.96E-05
126	252463.4	4065120	6.23E-05	2.00E-04	1.98E-05
127	252442.8	4065129	6.28E-05	2.01E-04	2.00E-05
128	252422.1	4065138	6.31E-05	2.02E-04	2.01E-05
129	252401.5	4065148	6.33E-05	2.03E-04	2.01E-05
130	252380.8	4065157	6.35E-05	2.03E-04	2.02E-05
131	252360.2	4065167	6.35E-05	2.03E-04	2.02E-05
132	252339.5	4065176	6.35E-05	2.03E-04	2.02E-05
133	252318.9	4065185	6.35E-05	2.03E-04	2.02E-05
134	252305.3	4064296	2.38E-03	7.62E-03	7.56E-04
135	252330.3	4064295	1.89E-03	6.06E-03	6.02E-04
136	252314.3	4064340	1.16E-03	3.72E-03	3.69E-04
137	252355.2	4064293	1.57E-03	5.04E-03	5.00E-04
138	252339.2	4064338	1.02E-03	3.28E-03	3.26E-04
139	252331.3	4064361	8.50E-04	2.72E-03	2.70E-04
140	252405.1	4064289	1.17E-03	3.75E-03	3.73E-04
141	252389.1	4064334	8.30E-04	2.66E-03	2.64E-04

142	252381.1	4064357	7.06E-04	2.26E-03	2.24E-04
143	252373.2	4064380	6.05E-04	1.94E-03	1.92E-04
144	252454.9	4064286	9.25E-04	2.96E-03	2.94E-04
145	252447	4064308	8.01E-04	2.56E-03	2.54E-04
146	252431	4064353	6.04E-04	1.94E-03	1.92E-04
147	252423	4064376	5.27E-04	1.69E-03	1.68E-04
148	252415.1	4064399	4.61E-04	1.48E-03	1.47E-04
149	252407.1	4064421	4.05E-04	1.30E-03	1.29E-04
150	252504.8	4064282	7.55E-04	2.42E-03	2.40E-04
151	252496.8	4064305	6.68E-04	2.14E-03	2.12E-04
152	252480.9	4064350	5.26E-04	1.68E-03	1.67E-04
153	252472.9	4064372	4.67E-04	1.50E-03	1.49E-04
154	252464.9	4064395	4.15E-04	1.33E-03	1.32E-04
155	252457	4064418	3.67E-04	1.18E-03	1.17E-04
156	252449	4064440	3.26E-04	1.04E-03	1.04E-04
157	252441	4064463	2.92E-04	9.34E-04	9.27E-05
158	252554.7	4064278	6.29E-04	2.02E-03	2.00E-04
159	252546.7	4064301	5.67E-04	1.82E-03	1.80E-04
160	252530.8	4064346	4.62E-04	1.48E-03	1.47E-04
161	252522.8	4064369	4.17E-04	1.34E-03	1.33E-04
162	252514.8	4064391	3.76E-04	1.20E-03	1.20E-04
163	252506.8	4064414	3.38E-04	1.08E-03	1.07E-04
164	252498.9	4064437	3.02E-04	9.69E-04	9.61E-05
165	252490.9	4064459	2.71E-04	8.67E-04	8.60E-05
166	252482.9	4064482	2.43E-04	7.78E-04	7.72E-05
167	252654.4	4064271	4.60E-04	1.47E-03	1.46E-04
168	252646.3	4064294	4.22E-04	1.35E-03	1.34E-04
169	252630.2	4064340	3.60E-04	1.15E-03	1.14E-04
170	252622.1	4064363	3.33E-04	1.07E-03	1.06E-04
171	252614	4064386	3.09E-04	9.89E-04	9.81E-05
172	252606	4064409	2.85E-04	9.12E-04	9.05E-05
173	252597.9	4064432	2.61E-04	8.37E-04	8.31E-05
174	252589.8	4064454	2.38E-04	7.64E-04	7.58E-05
175	252581.7	4064477	2.16E-04	6.93E-04	6.88E-05
176	252573.6	4064500	1.96E-04	6.27E-04	6.22E-05
177	252565.6	4064523	1.77E-04	5.68E-04	5.64E-05
178	252557.5	4064546	1.61E-04	5.17E-04	5.13E-05
179	252730	4064333	2.87E-04	9.20E-04	9.13E-05
180	252721.9	4064355	2.70E-04	8.66E-04	8.60E-05
181	252713.9	4064378	2.55E-04	8.17E-04	8.11E-05
182	252705.8	4064401	2.40E-04	7.70E-04	7.64E-05
183	252697.8	4064424	2.26E-04	7.24E-04	7.18E-05
184	252689.7	4064447	2.11E-04	6.77E-04	6.72E-05
185	252681.7	4064470	1.96E-04	6.29E-04	6.24E-05
186	252673.6	4064492	1.81E-04	5.81E-04	5.76E-05
187	252665.5	4064515	1.67E-04	5.33E-04	5.29E-05
188	252657.5	4064538	1.52E-04	4.88E-04	4.84E-05
189	252649.4	4064561	1.39E-04	4.46E-04	4.42E-05
190	252641.4	4064584	1.27E-04	4.08E-04	4.05E-05
191	252633.3	4064607	1.17E-04	3.76E-04	3.73E-05
192	252625.3	4064629	1.09E-04	3.48E-04	3.46E-05
193	252821.7	4064348	2.22E-04	7.12E-04	7.07E-05
194	252813.7	4064371	2.12E-04	6.78E-04	6.73E-05
195	252805.6	4064394	2.02E-04	6.48E-04	6.43E-05
196	252797.6	4064417	1.93E-04	6.18E-04	6.14E-05
197	252789.6	4064439	1.84E-04	5.89E-04	5.85E-05
198	252781.5	4064462	1.75E-04	5.59E-04	5.55E-05
199	252773.5	4064485	1.65E-04	5.28E-04	5.24E-05
200	252765.4	4064508	1.54E-04	4.95E-04	4.91E-05
201	252757.4	4064530	1.44E-04	4.61E-04	4.57E-05
202	252921.5	4064341	1.86E-04	5.95E-04	5.91E-05
203	252913.5	4064364	1.78E-04	5.70E-04	5.65E-05
204	252905.5	4064386	1.71E-04	5.48E-04	5.44E-05
205	252897.4	4064409	1.65E-04	5.28E-04	5.24E-05
206	252889.4	4064432	1.59E-04	5.09E-04	5.05E-05
207	252881.4	4064455	1.53E-04	4.90E-04	4.86E-05
208	252873.3	4064477	1.47E-04	4.70E-04	4.66E-05
209	252865.3	4064500	1.40E-04	4.49E-04	4.45E-05
210	252857.3	4064523	1.33E-04	4.26E-04	4.23E-05
211	252785	4064728	7.10E-05	2.27E-04	2.26E-05
212	252776.9	4064751	6.68E-05	2.14E-04	2.12E-05
213	253021.1	4064334	1.58E-04	5.05E-04	5.01E-05

214	253013	4064357	1.51E-04	4.85E-04	4.81E-05
215	253004.9	4064380	1.46E-04	4.68E-04	4.64E-05
216	252996.8	4064403	1.41E-04	4.52E-04	4.49E-05
217	252988.8	4064426	1.37E-04	4.39E-04	4.35E-05
218	252980.7	4064449	1.33E-04	4.26E-04	4.23E-05
219	252972.6	4064472	1.29E-04	4.13E-04	4.10E-05
220	252964.5	4064494	1.25E-04	3.99E-04	3.96E-05
221	252956.5	4064517	1.20E-04	3.84E-04	3.81E-05
222	252883.8	4064723	6.96E-05	2.23E-04	2.21E-05
223	252875.7	4064746	6.50E-05	2.08E-04	2.07E-05
224	252867.6	4064769	6.10E-05	1.95E-04	1.94E-05
225	252859.5	4064792	5.74E-05	1.84E-04	1.82E-05
226	252851.5	4064815	5.43E-05	1.74E-04	1.73E-05
227	252843.4	4064838	5.17E-05	1.66E-04	1.64E-05
228	253112.8	4064350	1.31E-04	4.19E-04	4.16E-05
229	253104.7	4064373	1.26E-04	4.05E-04	4.01E-05
230	253096.7	4064396	1.22E-04	3.92E-04	3.89E-05
231	253088.6	4064418	1.19E-04	3.81E-04	3.79E-05
232	253080.5	4064441	1.16E-04	3.72E-04	3.69E-05
233	253072.5	4064464	1.13E-04	3.63E-04	3.60E-05
234	253064.4	4064487	1.10E-04	3.54E-04	3.51E-05
235	253056.3	4064510	1.08E-04	3.44E-04	3.42E-05
236	252983.8	4064715	6.95E-05	2.23E-04	2.21E-05
237	252975.7	4064738	6.51E-05	2.09E-04	2.07E-05
238	252967.6	4064761	6.10E-05	1.95E-04	1.94E-05
239	252959.6	4064784	5.71E-05	1.83E-04	1.82E-05
240	252951.5	4064807	5.37E-05	1.72E-04	1.71E-05
241	252943.4	4064830	5.06E-05	1.62E-04	1.61E-05
242	252935.4	4064853	4.79E-05	1.53E-04	1.52E-05
243	252927.3	4064875	4.56E-05	1.46E-04	1.45E-05
244	252919.2	4064898	4.36E-05	1.40E-04	1.39E-05
245	252256.5	4064392	9.63E-04	3.08E-03	3.06E-04
246	252256.5	4064692	2.08E-04	6.65E-04	6.60E-05
247	252256.5	4064892	1.20E-04	3.83E-04	3.80E-05
248	252256.5	4064992	9.55E-05	3.06E-04	3.04E-05
249	252256.5	4065092	7.84E-05	2.51E-04	2.49E-05
250	252256.5	4065192	6.60E-05	2.11E-04	2.10E-05
251	252309.4	4064266	3.96E-03	1.27E-02	1.26E-03
252	252308.6	4064242	5.80E-03	1.86E-02	1.84E-03
253	252307.7	4064218	7.58E-03	2.43E-02	2.41E-03
254	252306.9	4064194	9.10E-03	2.91E-02	2.89E-03
255	252306.1	4064170	1.03E-02	3.31E-02	3.29E-03
256	252305.3	4064146	1.13E-02	3.62E-02	3.59E-03
257	252304.4	4064121	1.19E-02	3.82E-02	3.79E-03
258	252334.4	4064265	2.81E-03	9.01E-03	8.94E-04
259	252333.6	4064241	3.97E-03	1.27E-02	1.26E-03
260	252332.7	4064217	5.24E-03	1.68E-02	1.66E-03
261	252331.9	4064193	6.45E-03	2.07E-02	2.05E-03
262	252331.1	4064169	7.52E-03	2.41E-02	2.39E-03
263	252330.3	4064145	8.39E-03	2.69E-02	2.67E-03
264	252329.4	4064121	9.04E-03	2.90E-02	2.87E-03
265	252359.4	4064265	2.18E-03	6.97E-03	6.91E-04
266	252358.5	4064240	2.94E-03	9.42E-03	9.35E-04
267	252357.7	4064216	3.84E-03	1.23E-02	1.22E-03
268	252356.9	4064192	4.77E-03	1.53E-02	1.52E-03
269	252356.1	4064168	5.65E-03	1.81E-02	1.80E-03
270	252355.2	4064144	6.42E-03	2.06E-02	2.04E-03
271	252354.4	4064120	7.03E-03	2.25E-02	2.24E-03
272	252409.3	4064263	1.48E-03	4.74E-03	4.70E-04
273	252408.5	4064239	1.88E-03	6.03E-03	5.98E-04
274	252407.7	4064215	2.36E-03	7.56E-03	7.51E-04
275	252406.9	4064190	2.90E-03	9.28E-03	9.21E-04
276	252406	4064166	3.46E-03	1.11E-02	1.10E-03
277	252405.2	4064142	4.00E-03	1.28E-02	1.27E-03
278	252404.4	4064118	4.49E-03	1.44E-02	1.43E-03
279	252459.3	4064261	1.10E-03	3.53E-03	3.51E-04
280	252458.5	4064237	1.35E-03	4.31E-03	4.28E-04
281	252457.7	4064213	1.63E-03	5.23E-03	5.19E-04
282	252456.8	4064189	1.96E-03	6.27E-03	6.23E-04
283	252456	4064165	2.31E-03	7.41E-03	7.35E-04
284	252455.2	4064140	2.68E-03	8.58E-03	8.52E-04
285	252454.4	4064116	3.04E-03	9.73E-03	9.66E-04

286	252509.3	4064259	8.64E-04	2.77E-03	2.75E-04
287	252508.5	4064235	1.03E-03	3.29E-03	3.26E-04
288	252507.6	4064211	1.21E-03	3.89E-03	3.86E-04
289	252506.8	4064187	1.43E-03	4.57E-03	4.53E-04
290	252506	4064163	1.66E-03	5.32E-03	5.28E-04
291	252505.2	4064139	1.91E-03	6.12E-03	6.07E-04
292	252504.3	4064115	2.17E-03	6.94E-03	6.88E-04
293	252558.4	4064234	8.14E-04	2.61E-03	2.59E-04
294	252557.6	4064209	9.46E-04	3.03E-03	3.01E-04
295	252556.8	4064185	1.09E-03	3.50E-03	3.48E-04
296	252556	4064161	1.26E-03	4.03E-03	4.00E-04
297	252555.1	4064137	1.43E-03	4.59E-03	4.55E-04
298	252554.3	4064113	1.61E-03	5.17E-03	5.13E-04
299	252658.4	4064230	5.57E-04	1.78E-03	1.77E-04
300	252657.5	4064206	6.31E-04	2.02E-03	2.00E-04
301	252656.7	4064182	7.13E-04	2.28E-03	2.27E-04
302	252655.9	4064158	8.03E-04	2.57E-03	2.55E-04
303	252655.1	4064134	8.98E-04	2.88E-03	2.86E-04
304	252654.2	4064109	9.98E-04	3.20E-03	3.17E-04
305	252280.5	4064059	1.30E-02	4.18E-02	4.14E-03
306	252303.7	4064068	1.14E-02	3.67E-02	3.64E-03
307	252315.5	4064089	1.07E-02	3.42E-02	3.40E-03
308	252303.7	4064043	1.02E-02	3.27E-02	3.25E-03
309	252325.2	4064054	9.24E-03	2.96E-02	2.94E-03
310	252335.4	4064077	8.83E-03	2.83E-02	2.81E-03
311	252375.2	4064052	6.40E-03	2.05E-02	2.04E-03
312	252385.4	4064075	5.87E-03	1.88E-02	1.86E-03
313	252425.2	4064051	4.53E-03	1.45E-02	1.44E-03
314	252435.3	4064074	4.05E-03	1.30E-02	1.29E-03
315	252422.3	4063941	4.20E-03	1.34E-02	1.33E-03
316	252435.9	4063961	4.15E-03	1.33E-02	1.32E-03
317	252446.3	4063984	4.06E-03	1.30E-02	1.29E-03
318	252456.6	4064007	3.85E-03	1.23E-02	1.23E-03
319	252466.9	4064030	3.56E-03	1.14E-02	1.13E-03
320	252477.2	4064054	3.20E-03	1.02E-02	1.02E-03
321	252487.6	4064077	2.80E-03	8.98E-03	8.92E-04
322	252280.9	4063834	2.83E-03	9.07E-03	9.01E-04
323	252304.4	4063843	3.08E-03	9.86E-03	9.78E-04
324	252445.3	4063900	3.52E-03	1.13E-02	1.12E-03
325	252465.5	4063913	3.41E-03	1.09E-02	1.08E-03
326	252475.8	4063936	3.40E-03	1.09E-02	1.08E-03
327	252486.1	4063960	3.31E-03	1.06E-02	1.05E-03
328	252496.4	4063983	3.15E-03	1.01E-02	1.00E-03
329	252506.7	4064006	2.93E-03	9.37E-03	9.30E-04
330	252517	4064029	2.66E-03	8.52E-03	8.45E-04
331	252527.3	4064052	2.37E-03	7.58E-03	7.52E-04
332	252537.6	4064075	2.07E-03	6.63E-03	6.58E-04
333	252304.2	4063743	1.86E-03	5.97E-03	5.92E-04
334	252327.6	4063753	2.02E-03	6.46E-03	6.41E-04
335	252351	4063762	2.16E-03	6.93E-03	6.87E-04
336	252374.4	4063772	2.30E-03	7.36E-03	7.30E-04
337	252397.8	4063781	2.41E-03	7.73E-03	7.67E-04
338	252421.3	4063791	2.50E-03	8.02E-03	7.96E-04
339	252444.7	4063800	2.56E-03	8.20E-03	8.14E-04
340	252468.1	4063809	2.58E-03	8.26E-03	8.20E-04
341	252491.5	4063819	2.56E-03	8.19E-03	8.13E-04
342	252514.9	4063828	2.50E-03	8.01E-03	7.95E-04
343	252555.5	4063887	2.42E-03	7.76E-03	7.70E-04
344	252565.8	4063910	2.35E-03	7.52E-03	7.47E-04
345	252576	4063934	2.24E-03	7.17E-03	7.12E-04
346	252586.3	4063957	2.10E-03	6.72E-03	6.67E-04
347	252596.5	4063980	1.94E-03	6.20E-03	6.15E-04
348	252606.8	4064003	1.76E-03	5.64E-03	5.60E-04
349	252617.1	4064026	1.58E-03	5.07E-03	5.03E-04
350	252627.3	4064049	1.41E-03	4.51E-03	4.47E-04
351	252637.6	4064072	1.24E-03	3.98E-03	3.95E-04
352	252281	4063634	1.14E-03	3.64E-03	3.62E-04
353	252304.5	4063643	1.23E-03	3.94E-03	3.91E-04
354	252328.1	4063653	1.32E-03	4.24E-03	4.21E-04
355	252351.6	4063662	1.42E-03	4.56E-03	4.52E-04
356	252375.2	4063672	1.52E-03	4.88E-03	4.84E-04
357	252398.8	4063681	1.62E-03	5.18E-03	5.14E-04

358	252587.2	4063758	1.88E-03	6.01E-03	5.97E-04
359	252605.8	4063772	1.85E-03	5.94E-03	5.89E-04
360	252616.1	4063796	1.87E-03	5.97E-03	5.93E-04
361	252626.4	4063819	1.85E-03	5.93E-03	5.89E-04
362	252636.8	4063842	1.81E-03	5.81E-03	5.77E-04
363	252647.1	4063865	1.75E-03	5.61E-03	5.57E-04
364	252719.3	4064028	1.00E-03	3.21E-03	3.19E-04
365	252729.7	4064051	8.99E-04	2.88E-03	2.86E-04
366	252280.9	4063534	8.14E-04	2.61E-03	2.59E-04
367	252304.4	4063543	8.70E-04	2.79E-03	2.76E-04
368	252327.9	4063553	9.29E-04	2.98E-03	2.95E-04
369	252492.3	4063619	1.38E-03	4.42E-03	4.39E-04
370	252562.8	4063648	1.50E-03	4.79E-03	4.76E-04
371	252586.3	4063657	1.51E-03	4.84E-03	4.80E-04
372	252609.8	4063667	1.51E-03	4.84E-03	4.80E-04
373	252633.3	4063676	1.50E-03	4.80E-03	4.76E-04
374	252695.9	4063747	1.47E-03	4.71E-03	4.67E-04
375	252706.2	4063770	1.45E-03	4.65E-03	4.62E-04
376	252716.5	4063793	1.42E-03	4.55E-03	4.51E-04
377	252726.7	4063816	1.37E-03	4.39E-03	4.36E-04
378	252737	4063839	1.31E-03	4.20E-03	4.17E-04
379	252747.3	4063862	1.24E-03	3.98E-03	3.95E-04
380	252757.6	4063886	1.16E-03	3.73E-03	3.70E-04
381	252767.9	4063909	1.08E-03	3.47E-03	3.44E-04
382	252778.2	4063932	1.00E-03	3.21E-03	3.18E-04
383	252788.5	4063955	9.22E-04	2.95E-03	2.93E-04
384	252798.8	4063978	8.44E-04	2.70E-03	2.68E-04
385	252809.1	4064001	7.71E-04	2.47E-03	2.45E-04
386	252819.4	4064025	7.02E-04	2.25E-03	2.23E-04
387	252829.7	4064048	6.37E-04	2.04E-03	2.02E-04
388	252375.3	4063472	7.76E-04	2.49E-03	2.47E-04
389	252398.9	4063482	8.22E-04	2.63E-03	2.61E-04
390	252422.5	4063491	8.70E-04	2.79E-03	2.76E-04
391	252446.1	4063501	9.19E-04	2.94E-03	2.92E-04
392	252469.7	4063510	9.68E-04	3.10E-03	3.08E-04
393	252493.3	4063520	1.02E-03	3.26E-03	3.23E-04
394	252564	4063548	1.14E-03	3.66E-03	3.64E-04
395	252587.6	4063558	1.17E-03	3.76E-03	3.73E-04
396	252611.2	4063567	1.20E-03	3.84E-03	3.81E-04
397	252634.8	4063577	1.21E-03	3.89E-03	3.86E-04
398	252658.4	4063586	1.22E-03	3.91E-03	3.88E-04
399	252797.8	4063748	1.14E-03	3.65E-03	3.62E-04
400	252808.1	4063771	1.10E-03	3.53E-03	3.50E-04
401	252818.4	4063794	1.05E-03	3.37E-03	3.35E-04
402	252828.8	4063817	1.00E-03	3.20E-03	3.18E-04
403	252839.1	4063841	9.43E-04	3.02E-03	3.00E-04
404	252849.4	4063864	8.84E-04	2.83E-03	2.81E-04
405	252859.8	4063887	8.24E-04	2.64E-03	2.62E-04
406	252870.1	4063910	7.65E-04	2.45E-03	2.43E-04
407	252880.4	4063934	7.08E-04	2.27E-03	2.25E-04
408	252890.8	4063957	6.54E-04	2.10E-03	2.08E-04
409	252901.1	4063980	6.03E-04	1.93E-03	1.92E-04
410	252911.4	4064003	5.55E-04	1.78E-03	1.76E-04
411	252921.8	4064027	5.10E-04	1.63E-03	1.62E-04
412	252932.1	4064050	4.67E-04	1.50E-03	1.48E-04
413	252280.9	4063334	4.85E-04	1.55E-03	1.54E-04
414	252304.5	4063343	5.10E-04	1.63E-03	1.62E-04
415	252328	4063353	5.37E-04	1.72E-03	1.71E-04
416	252351.5	4063362	5.65E-04	1.81E-03	1.79E-04
417	252375.1	4063372	5.94E-04	1.90E-03	1.89E-04
418	252398.6	4063381	6.25E-04	2.00E-03	1.99E-04
419	252422.1	4063391	6.58E-04	2.11E-03	2.09E-04
420	252445.7	4063400	6.92E-04	2.22E-03	2.20E-04
421	252469.2	4063410	7.28E-04	2.33E-03	2.31E-04
422	252563.3	4063448	8.74E-04	2.80E-03	2.78E-04
423	252586.9	4063458	9.07E-04	2.90E-03	2.88E-04
424	252610.4	4063467	9.36E-04	3.00E-03	2.98E-04
425	252633.9	4063477	9.61E-04	3.08E-03	3.06E-04
426	252657.5	4063486	9.81E-04	3.14E-03	3.12E-04
427	252798.6	4063543	9.87E-04	3.16E-03	3.14E-04
428	252815.6	4063559	9.86E-04	3.16E-03	3.13E-04
429	252825.9	4063583	9.95E-04	3.19E-03	3.16E-04

430	252929	4063815	7.45E-04	2.39E-03	2.37E-04
431	252939.3	4063838	7.00E-04	2.24E-03	2.22E-04
432	252949.6	4063861	6.55E-04	2.10E-03	2.08E-04
433	252959.9	4063884	6.12E-04	1.96E-03	1.95E-04
434	252970.2	4063907	5.71E-04	1.83E-03	1.81E-04
435	252980.5	4063931	5.32E-04	1.70E-03	1.69E-04
436	252990.9	4063954	4.95E-04	1.58E-03	1.57E-04
437	253001.2	4063977	4.60E-04	1.47E-03	1.46E-04
438	253011.5	4064000	4.26E-04	1.37E-03	1.36E-04
439	253021.8	4064023	3.95E-04	1.26E-03	1.25E-04
440	253032.1	4064047	3.65E-04	1.17E-03	1.16E-04
441	252492.3	4063319	5.92E-04	1.90E-03	1.88E-04
442	252562.8	4063348	6.77E-04	2.17E-03	2.15E-04
443	252586.3	4063357	7.05E-04	2.26E-03	2.24E-04
444	252609.8	4063367	7.33E-04	2.35E-03	2.33E-04
445	252633.3	4063376	7.59E-04	2.43E-03	2.41E-04
446	252797.7	4063443	8.51E-04	2.72E-03	2.70E-04
447	252821.2	4063452	8.49E-04	2.72E-03	2.70E-04
448	252844.7	4063462	8.43E-04	2.70E-03	2.68E-04
449	252868.2	4063471	8.34E-04	2.67E-03	2.65E-04
450	252885	4063488	8.34E-04	2.67E-03	2.65E-04
451	252895.3	4063511	8.42E-04	2.70E-03	2.68E-04
452	252905.6	4063534	8.47E-04	2.71E-03	2.69E-04
453	252915.9	4063557	8.46E-04	2.71E-03	2.69E-04
454	252926.2	4063580	8.41E-04	2.69E-03	2.67E-04
455	253029.1	4063812	5.69E-04	1.82E-03	1.81E-04
456	253039.4	4063835	5.35E-04	1.71E-03	1.70E-04
457	253049.7	4063858	5.03E-04	1.61E-03	1.60E-04
458	253060	4063881	4.72E-04	1.51E-03	1.50E-04
459	252126	4064068	1.84E-02	5.89E-02	5.84E-03
460	252101.2	4064068	1.79E-02	5.74E-02	5.70E-03
461	252076.5	4064069	1.71E-02	5.46E-02	5.42E-03
462	252051.7	4064070	1.57E-02	5.03E-02	4.99E-03
463	252026.9	4064070	1.38E-02	4.41E-02	4.38E-03
464	252002.2	4064071	1.14E-02	3.66E-02	3.63E-03
465	251977.4	4064072	9.78E-03	3.13E-02	3.11E-03
466	252125.3	4064043	1.25E-02	4.01E-02	3.98E-03
467	252100.6	4064043	1.20E-02	3.84E-02	3.81E-03
468	252075.8	4064044	1.12E-02	3.59E-02	3.56E-03
469	252051	4064045	1.02E-02	3.26E-02	3.23E-03
470	252026.3	4064045	8.97E-03	2.87E-02	2.85E-03
471	252001.5	4064046	7.89E-03	2.53E-02	2.51E-03
472	251976.8	4064047	7.18E-03	2.30E-02	2.28E-03
473	252149.4	4064017	9.35E-03	3.00E-02	2.97E-03
474	252124.7	4064018	8.97E-03	2.87E-02	2.85E-03
475	252099.9	4064018	8.46E-03	2.71E-02	2.69E-03
476	252075.1	4064019	7.81E-03	2.50E-02	2.48E-03
477	252050.4	4064020	7.10E-03	2.27E-02	2.26E-03
478	252025.6	4064020	6.41E-03	2.05E-02	2.04E-03
479	252000.9	4064021	5.87E-03	1.88E-02	1.87E-03
480	251976.1	4064022	5.50E-03	1.76E-02	1.75E-03
481	252148.7	4063992	7.09E-03	2.27E-02	2.25E-03
482	252124	4063993	6.71E-03	2.15E-02	2.13E-03
483	252099.2	4063993	6.26E-03	2.00E-02	1.99E-03
484	252074.5	4063994	5.77E-03	1.85E-02	1.83E-03
485	252049.7	4063995	5.29E-03	1.69E-02	1.68E-03
486	252025	4063995	4.88E-03	1.56E-02	1.55E-03
487	252000.2	4063996	4.58E-03	1.47E-02	1.45E-03
488	251975.4	4063997	4.36E-03	1.40E-02	1.38E-03
489	252147.4	4063942	4.42E-03	1.42E-02	1.41E-03
490	252122.7	4063943	4.14E-03	1.32E-02	1.31E-03
491	252097.9	4063943	3.85E-03	1.23E-02	1.22E-03
492	252073.1	4063944	3.58E-03	1.15E-02	1.14E-03
493	252048.4	4063945	3.35E-03	1.07E-02	1.07E-03
494	252023.6	4063945	3.17E-03	1.02E-02	1.01E-03
495	251998.9	4063946	3.04E-03	9.74E-03	9.67E-04
496	251974.1	4063947	2.94E-03	9.43E-03	9.36E-04
497	252285.4	4063806	2.46E-03	7.86E-03	7.80E-04
498	252306.8	4063814	2.64E-03	8.47E-03	8.41E-04
499	252328.3	4063822	2.82E-03	9.04E-03	8.97E-04
500	252349.7	4063831	2.98E-03	9.54E-03	9.46E-04
501	252371.2	4063839	3.10E-03	9.94E-03	9.86E-04

502	252392.6	4063847	3.19E-03	1.02E-02	1.01E-03
503	252242.5	4063789	2.07E-03	6.64E-03	6.59E-04
504	252217.7	4063790	1.97E-03	6.31E-03	6.26E-04
505	252193	4063791	1.87E-03	5.97E-03	5.93E-04
506	252168.2	4063791	1.77E-03	5.66E-03	5.61E-04
507	252143.4	4063792	1.68E-03	5.37E-03	5.33E-04
508	252118.7	4063793	1.59E-03	5.11E-03	5.07E-04
509	252093.9	4063793	1.52E-03	4.88E-03	4.84E-04
510	252069.2	4063794	1.46E-03	4.68E-03	4.65E-04
511	252044.4	4063795	1.41E-03	4.52E-03	4.48E-04
512	252019.7	4063795	1.37E-03	4.38E-03	4.35E-04
513	251994.9	4063796	1.34E-03	4.28E-03	4.24E-04
514	251970.1	4063797	1.31E-03	4.20E-03	4.17E-04
515	252371.8	4063740	2.00E-03	6.41E-03	6.36E-04
516	252393.8	4063749	2.11E-03	6.75E-03	6.70E-04
517	252415.8	4063757	2.20E-03	7.04E-03	6.98E-04
518	252437.8	4063765	2.27E-03	7.26E-03	7.21E-04
519	252459.8	4063774	2.31E-03	7.41E-03	7.35E-04
520	252481.8	4063782	2.33E-03	7.47E-03	7.42E-04
521	252503.8	4063791	2.33E-03	7.45E-03	7.39E-04
522	252326.6	4063624	1.18E-03	3.79E-03	3.77E-04
523	252348.9	4063632	1.26E-03	4.05E-03	4.02E-04
524	252371.2	4063641	1.35E-03	4.31E-03	4.28E-04
525	252393.6	4063650	1.43E-03	4.57E-03	4.54E-04
526	252415.9	4063658	1.51E-03	4.82E-03	4.78E-04
527	252438.3	4063667	1.58E-03	5.06E-03	5.02E-04
528	252460.6	4063675	1.64E-03	5.26E-03	5.22E-04
529	252483	4063684	1.70E-03	5.44E-03	5.40E-04
530	252572.3	4063718	1.77E-03	5.67E-03	5.62E-04
531	252279.7	4063507	7.50E-04	2.40E-03	2.38E-04
532	252302.3	4063516	7.96E-04	2.55E-03	2.53E-04
533	252324.9	4063524	8.46E-04	2.71E-03	2.69E-04
534	252347.4	4063533	8.98E-04	2.88E-03	2.85E-04
535	252370	4063542	9.52E-04	3.05E-03	3.03E-04
536	252392.6	4063550	1.01E-03	3.23E-03	3.21E-04
537	252573.2	4063620	1.38E-03	4.43E-03	4.40E-04
538	252595.8	4063628	1.40E-03	4.48E-03	4.45E-04
539	252618.4	4063637	1.40E-03	4.50E-03	4.46E-04
540	252641	4063646	1.40E-03	4.48E-03	4.45E-04
541	252234.5	4063490	6.67E-04	2.14E-03	2.12E-04
542	252209.8	4063490	6.45E-04	2.06E-03	2.05E-04
543	252185	4063491	6.23E-04	2.00E-03	1.98E-04
544	252160.3	4063492	6.03E-04	1.93E-03	1.92E-04
545	252135.5	4063492	5.85E-04	1.88E-03	1.86E-04
546	252110.7	4063493	5.70E-04	1.82E-03	1.81E-04
547	252086	4063494	5.56E-04	1.78E-03	1.77E-04
548	252061.2	4063494	5.45E-04	1.75E-03	1.73E-04
549	252036.5	4063495	5.36E-04	1.72E-03	1.70E-04
550	252011.7	4063495	5.29E-04	1.69E-03	1.68E-04
551	251986.9	4063496	5.24E-04	1.68E-03	1.66E-04
552	251962.2	4063497	5.19E-04	1.66E-03	1.65E-04
553	252277.4	4063407	5.73E-04	1.84E-03	1.82E-04
554	252436.6	4063468	8.26E-04	2.65E-03	2.63E-04
555	252459.4	4063477	8.69E-04	2.78E-03	2.76E-04
556	252482.1	4063486	9.11E-04	2.92E-03	2.90E-04
557	252504.9	4063494	9.53E-04	3.05E-03	3.03E-04
558	252573.1	4063521	1.06E-03	3.41E-03	3.38E-04
559	252595.9	4063529	1.09E-03	3.50E-03	3.47E-04
560	252618.6	4063538	1.11E-03	3.57E-03	3.54E-04
561	252641.4	4063547	1.13E-03	3.62E-03	3.59E-04
562	252231.9	4063390	5.17E-04	1.66E-03	1.64E-04
563	252207.1	4063390	5.01E-04	1.61E-03	1.59E-04
564	252182.4	4063391	4.86E-04	1.56E-03	1.55E-04
565	252157.6	4063392	4.73E-04	1.51E-03	1.50E-04
566	252132.8	4063392	4.60E-04	1.47E-03	1.46E-04
567	252108.1	4063393	4.49E-04	1.44E-03	1.43E-04
568	252083.3	4063394	4.40E-04	1.41E-03	1.40E-04
569	252058.6	4063394	4.32E-04	1.38E-03	1.37E-04
570	252033.8	4063395	4.26E-04	1.37E-03	1.36E-04
571	252009.1	4063396	4.22E-04	1.35E-03	1.34E-04
572	251984.3	4063396	4.19E-04	1.34E-03	1.33E-04
573	251959.5	4063397	4.16E-04	1.33E-03	1.32E-04

574	252320.8	4063325	4.99E-04	1.60E-03	1.59E-04
575	252343.6	4063334	5.23E-04	1.67E-03	1.66E-04
576	252366.5	4063342	5.48E-04	1.75E-03	1.74E-04
577	252389.4	4063351	5.74E-04	1.84E-03	1.82E-04
578	252412.3	4063360	6.01E-04	1.93E-03	1.91E-04
579	252435.2	4063369	6.30E-04	2.02E-03	2.00E-04
580	252458	4063377	6.61E-04	2.12E-03	2.10E-04
581	252480.9	4063386	6.92E-04	2.22E-03	2.20E-04
582	252572.4	4063421	8.20E-04	2.63E-03	2.61E-04
583	252595.3	4063430	8.49E-04	2.72E-03	2.70E-04
584	252618.2	4063439	8.76E-04	2.80E-03	2.78E-04
585	252641.1	4063448	8.99E-04	2.88E-03	2.86E-04
586	252571.3	4063322	6.41E-04	2.05E-03	2.04E-04
587	252594.3	4063331	6.66E-04	2.13E-03	2.12E-04
588	252617.3	4063340	6.90E-04	2.21E-03	2.19E-04
589	252640.3	4063348	7.14E-04	2.29E-03	2.27E-04
590	252801.1	4063410	8.05E-04	2.58E-03	2.56E-04
591	252824.1	4063419	8.05E-04	2.58E-03	2.56E-04
592	252847.1	4063428	8.02E-04	2.57E-03	2.55E-04
593	252102.8	4063193	3.03E-04	9.71E-04	9.64E-05
594	252078	4063194	2.98E-04	9.55E-04	9.48E-05
595	252053.3	4063194	2.94E-04	9.42E-04	9.35E-05
596	252028.5	4063195	2.91E-04	9.32E-04	9.25E-05
597	252003.8	4063196	2.89E-04	9.25E-04	9.18E-05
598	251979	4063196	2.87E-04	9.21E-04	9.14E-05
599	251954.2	4063197	2.86E-04	9.18E-04	9.11E-05
600	251953.1	4064097	1.17E-02	3.75E-02	3.72E-03
601	251958.4	4064266	1.49E-02	4.77E-02	4.73E-03
602	251959.2	4064290	1.27E-02	4.06E-02	4.03E-03
603	251960	4064314	9.70E-03	3.11E-02	3.08E-03
604	251934.9	4064080	8.72E-03	2.79E-02	2.77E-03
605	251933.5	4064266	1.16E-02	3.72E-02	3.69E-03
606	251934.2	4064290	9.98E-03	3.20E-02	3.17E-03
607	251935	4064315	8.04E-03	2.57E-02	2.56E-03
608	251909.9	4064081	7.63E-03	2.44E-02	2.42E-03
609	251941.1	4064037	5.84E-03	1.87E-02	1.86E-03
610	251908.5	4064267	9.32E-03	2.99E-02	2.96E-03
611	251909.2	4064291	8.12E-03	2.60E-02	2.58E-03
612	251910	4064315	6.81E-03	2.18E-02	2.16E-03
613	251884.9	4064082	6.70E-03	2.14E-02	2.13E-03
614	251898.5	4064046	5.51E-03	1.77E-02	1.75E-03
615	251922.9	4064020	4.78E-03	1.53E-02	1.52E-03
616	251883.5	4064268	7.69E-03	2.46E-02	2.45E-03
617	251884.2	4064292	6.82E-03	2.18E-02	2.17E-03
618	251885	4064316	5.87E-03	1.88E-02	1.87E-03
619	251836.3	4064080	5.27E-03	1.69E-02	1.67E-03
620	251844.5	4064058	4.90E-03	1.57E-02	1.56E-03
621	251852.6	4064037	4.45E-03	1.42E-02	1.41E-03
622	251860.8	4064015	3.96E-03	1.27E-02	1.26E-03
623	251890	4063984	3.41E-03	1.09E-02	1.08E-03
624	251911	4063975	3.30E-03	1.06E-02	1.05E-03
625	251932.1	4063965	3.18E-03	1.02E-02	1.01E-03
626	251953.1	4063956	3.06E-03	9.80E-03	9.72E-04
627	251828.2	4064101	5.50E-03	1.76E-02	1.75E-03
628	251828.9	4064125	5.91E-03	1.89E-02	1.88E-03
629	251786	4064082	4.30E-03	1.38E-02	1.37E-03
630	251801.5	4064041	3.88E-03	1.24E-02	1.23E-03
631	251817.1	4064000	3.27E-03	1.05E-02	1.04E-03
632	251852.6	4063950	2.60E-03	8.31E-03	8.25E-04
633	251892.7	4063932	2.44E-03	7.83E-03	7.77E-04
634	251778.9	4064127	4.62E-03	1.48E-02	1.47E-03
635	251736.7	4064082	3.56E-03	1.14E-02	1.13E-03
636	251745.2	4064060	3.45E-03	1.11E-02	1.10E-03
637	251753.7	4064037	3.29E-03	1.05E-02	1.05E-03
638	251762.2	4064015	3.08E-03	9.85E-03	9.78E-04
639	251770.7	4063992	2.83E-03	9.08E-03	9.01E-04
640	251779.2	4063970	2.58E-03	8.26E-03	8.20E-04
641	251787.7	4063947	2.33E-03	7.47E-03	7.41E-04
642	251728.2	4064105	3.60E-03	1.15E-02	1.14E-03
643	251729	4064129	3.72E-03	1.19E-02	1.18E-03
644	251686.4	4064085	2.99E-03	9.59E-03	9.51E-04
645	251694.6	4064063	2.95E-03	9.45E-03	9.37E-04

646	251702.7	4064041	2.86E-03	9.17E-03	9.10E-04
647	251710.9	4064020	2.74E-03	8.78E-03	8.71E-04
648	251719.1	4063998	2.59E-03	8.29E-03	8.23E-04
649	251727.2	4063977	2.42E-03	7.74E-03	7.68E-04
650	251735.4	4063955	2.23E-03	7.15E-03	7.10E-04
651	251886	4063834	1.46E-03	4.67E-03	4.63E-04
652	251907.1	4063825	1.42E-03	4.54E-03	4.50E-04
653	251928.1	4063815	1.38E-03	4.42E-03	4.38E-04
654	251949.1	4063806	1.34E-03	4.30E-03	4.27E-04
655	251678.2	4064106	2.99E-03	9.59E-03	9.52E-04
656	251679	4064130	3.06E-03	9.80E-03	9.73E-04
657	251586.7	4064087	2.19E-03	7.01E-03	6.96E-04
658	251595	4064065	2.19E-03	7.02E-03	6.97E-04
659	251603.4	4064043	2.17E-03	6.96E-03	6.91E-04
660	251611.8	4064021	2.13E-03	6.82E-03	6.76E-04
661	251620.1	4063999	2.06E-03	6.60E-03	6.55E-04
662	251628.5	4063977	1.97E-03	6.32E-03	6.27E-04
663	251636.9	4063955	1.87E-03	6.00E-03	5.95E-04
664	251859.7	4063745	1.00E-03	3.21E-03	3.19E-04
665	251881.2	4063735	9.80E-04	3.14E-03	3.11E-04
666	251902.8	4063726	9.58E-04	3.07E-03	3.05E-04
667	251924.4	4063716	9.38E-04	3.00E-03	2.98E-04
668	251945.9	4063706	9.20E-04	2.95E-03	2.92E-04
669	251578.3	4064109	2.16E-03	6.93E-03	6.87E-04
670	251579	4064133	2.18E-03	6.97E-03	6.92E-04
671	251579.8	4064157	2.17E-03	6.96E-03	6.91E-04
672	251580.6	4064181	2.15E-03	6.90E-03	6.84E-04
673	251581.3	4064205	2.12E-03	6.78E-03	6.73E-04
674	251582.1	4064229	2.07E-03	6.63E-03	6.58E-04
675	251582.9	4064254	2.01E-03	6.45E-03	6.40E-04
676	251583.6	4064278	1.95E-03	6.24E-03	6.19E-04
677	251584.4	4064302	1.88E-03	6.02E-03	5.97E-04
678	251486.8	4064090	1.66E-03	5.32E-03	5.28E-04
679	251495.3	4064068	1.68E-03	5.38E-03	5.34E-04
680	251503.8	4064045	1.69E-03	5.40E-03	5.36E-04
681	251512.3	4064023	1.68E-03	5.37E-03	5.33E-04
682	251520.9	4064000	1.65E-03	5.29E-03	5.25E-04
683	251529.4	4063978	1.61E-03	5.17E-03	5.13E-04
684	251537.9	4063955	1.56E-03	5.00E-03	4.96E-04
685	251478.3	4064112	1.63E-03	5.23E-03	5.19E-04
686	251479.1	4064136	1.63E-03	5.22E-03	5.18E-04
687	251479.9	4064161	1.62E-03	5.19E-03	5.15E-04
688	251480.6	4064185	1.60E-03	5.13E-03	5.09E-04
689	251481.4	4064209	1.57E-03	5.04E-03	5.00E-04
690	251482.2	4064233	1.54E-03	4.93E-03	4.90E-04
691	251482.9	4064257	1.50E-03	4.82E-03	4.78E-04
692	251483.7	4064281	1.46E-03	4.69E-03	4.65E-04
693	251484.4	4064305	1.42E-03	4.55E-03	4.52E-04
694	251386.6	4064094	1.30E-03	4.18E-03	4.15E-04
695	251394.7	4064073	1.32E-03	4.24E-03	4.21E-04
696	251402.9	4064051	1.34E-03	4.29E-03	4.25E-04
697	251411	4064029	1.34E-03	4.31E-03	4.27E-04
698	251419.2	4064008	1.34E-03	4.30E-03	4.27E-04
699	251427.4	4063986	1.33E-03	4.27E-03	4.23E-04
700	251435.5	4063965	1.31E-03	4.20E-03	4.17E-04
701	251941.2	4063506	5.26E-04	1.69E-03	1.67E-04
702	251379.2	4064140	1.27E-03	4.08E-03	4.05E-04
703	251379.9	4064164	1.26E-03	4.04E-03	4.01E-04
704	251380.7	4064188	1.25E-03	3.99E-03	3.96E-04
705	251303.3	4064053	1.09E-03	3.48E-03	3.45E-04
706	251311.6	4064031	1.10E-03	3.51E-03	3.49E-04
707	251319.8	4064010	1.10E-03	3.53E-03	3.50E-04
708	251328.1	4063988	1.10E-03	3.53E-03	3.50E-04
709	251336.4	4063966	1.10E-03	3.51E-03	3.48E-04
710	251938.2	4063406	4.22E-04	1.35E-03	1.34E-04
711	251220.3	4064012	9.18E-04	2.94E-03	2.92E-04
712	251228.7	4063989	9.23E-04	2.96E-03	2.93E-04
713	251237.1	4063967	9.23E-04	2.96E-03	2.93E-04
714	251354.3	4063658	6.04E-04	1.94E-03	1.92E-04
715	251362.7	4063636	5.77E-04	1.85E-03	1.83E-04
716	251371	4063614	5.51E-04	1.77E-03	1.75E-04
717	251379.4	4063592	5.27E-04	1.69E-03	1.68E-04

718	251387.8	4063570	5.05E-04	1.62E-03	1.60E-04
719	251417.7	4063538	4.77E-04	1.53E-03	1.52E-04
720	251439.3	4063528	4.71E-04	1.51E-03	1.50E-04
721	251460.9	4063519	4.65E-04	1.49E-03	1.48E-04
722	251482.4	4063509	4.57E-04	1.46E-03	1.45E-04
723	251504	4063499	4.50E-04	1.44E-03	1.43E-04
724	251525.6	4063490	4.42E-04	1.41E-03	1.40E-04
725	251547.1	4063480	4.34E-04	1.39E-03	1.38E-04
726	251345.2	4063469	4.05E-04	1.30E-03	1.29E-04
727	251366.9	4063460	4.00E-04	1.28E-03	1.27E-04
728	251388.7	4063450	3.95E-04	1.27E-03	1.26E-04
729	251410.4	4063440	3.89E-04	1.25E-03	1.24E-04
730	251432.2	4063430	3.83E-04	1.23E-03	1.22E-04
731	251453.9	4063421	3.77E-04	1.21E-03	1.20E-04
732	251475.7	4063411	3.70E-04	1.19E-03	1.18E-04
733	251497.4	4063401	3.64E-04	1.17E-03	1.16E-04
734	251519.2	4063391	3.57E-04	1.14E-03	1.14E-04
735	251540.9	4063382	3.51E-04	1.12E-03	1.12E-04
736	251562.7	4063372	3.45E-04	1.11E-03	1.10E-04
737	251584.5	4063362	3.40E-04	1.09E-03	1.08E-04
738	251606.2	4063353	3.36E-04	1.08E-03	1.07E-04
739	251628	4063343	3.32E-04	1.06E-03	1.05E-04
740	251649.7	4063333	3.29E-04	1.05E-03	1.04E-04
741	251671.5	4063323	3.26E-04	1.04E-03	1.04E-04
742	251693.2	4063314	3.24E-04	1.04E-03	1.03E-04
743	251715	4063304	3.21E-04	1.03E-03	1.02E-04
744	251736.7	4063294	3.19E-04	1.02E-03	1.02E-04
745	251758.5	4063284	3.17E-04	1.02E-03	1.01E-04
746	251780.2	4063275	3.15E-04	1.01E-03	1.00E-04
747	251845.5	4063246	3.06E-04	9.79E-04	9.71E-05
748	251867.2	4063236	3.02E-04	9.67E-04	9.60E-05
749	251889	4063226	2.98E-04	9.55E-04	9.48E-05
750	251910.7	4063216	2.94E-04	9.42E-04	9.35E-05
751	251932.5	4063207	2.90E-04	9.30E-04	9.23E-05
752	252010.5	4064362	4.96E-03	1.59E-02	1.58E-03
753	252034.5	4064361	4.84E-03	1.55E-02	1.54E-03
754	252058.6	4064361	4.63E-03	1.48E-02	1.47E-03
755	252082.6	4064360	4.37E-03	1.40E-02	1.39E-03
756	252106.6	4064359	4.04E-03	1.30E-02	1.29E-03
757	252130.6	4064358	3.67E-03	1.17E-02	1.17E-03
758	252154.6	4064358	3.25E-03	1.04E-02	1.03E-03
759	252178.6	4064357	2.79E-03	8.95E-03	8.88E-04
760	252202.6	4064356	2.34E-03	7.48E-03	7.42E-04
761	252226.6	4064355	1.91E-03	6.11E-03	6.06E-04
762	252250.6	4064354	1.55E-03	4.96E-03	4.92E-04
763	252011.3	4064387	3.52E-03	1.13E-02	1.12E-03
764	252035.3	4064386	3.38E-03	1.08E-02	1.08E-03
765	252059.3	4064386	3.20E-03	1.03E-02	1.02E-03
766	252083.3	4064385	2.98E-03	9.54E-03	9.47E-04
767	252107.4	4064384	2.72E-03	8.72E-03	8.66E-04
768	252131.4	4064383	2.45E-03	7.84E-03	7.78E-04
769	252155.4	4064383	2.16E-03	6.91E-03	6.86E-04
770	252179.4	4064382	1.87E-03	5.98E-03	5.94E-04
771	252203.4	4064381	1.59E-03	5.10E-03	5.06E-04
772	252227.4	4064380	1.34E-03	4.30E-03	4.27E-04
773	251908.6	4064368	4.20E-03	1.35E-02	1.34E-03
774	252012.1	4064412	2.61E-03	8.35E-03	8.28E-04
775	252036.1	4064411	2.48E-03	7.94E-03	7.88E-04
776	252060.1	4064411	2.33E-03	7.46E-03	7.40E-04
777	252084.1	4064410	2.15E-03	6.90E-03	6.84E-04
778	252108.1	4064409	1.96E-03	6.28E-03	6.24E-04
779	252132.1	4064408	1.76E-03	5.64E-03	5.60E-04
780	252156.2	4064408	1.56E-03	5.00E-03	4.96E-04
781	252180.2	4064407	1.37E-03	4.37E-03	4.34E-04
782	252204.2	4064406	1.18E-03	3.79E-03	3.76E-04
783	252228.2	4064405	1.02E-03	3.27E-03	3.24E-04
784	251925.3	4064439	2.22E-03	7.11E-03	7.06E-04
785	251903.8	4064430	2.39E-03	7.66E-03	7.60E-04
786	251872.9	4064401	2.96E-03	9.49E-03	9.42E-04
787	251863.4	4064380	3.41E-03	1.09E-02	1.08E-03
788	251989.7	4064463	1.65E-03	5.28E-03	5.24E-04
789	252013.7	4064462	1.57E-03	5.02E-03	4.99E-04

790	252037.7	4064461	1.48E-03	4.73E-03	4.70E-04
791	252061.7	4064461	1.38E-03	4.42E-03	4.39E-04
792	252085.7	4064460	1.28E-03	4.09E-03	4.06E-04
793	252109.7	4064459	1.17E-03	3.75E-03	3.72E-04
794	252133.7	4064458	1.06E-03	3.40E-03	3.38E-04
795	252157.7	4064458	9.55E-04	3.06E-03	3.04E-04
796	252181.7	4064457	8.52E-04	2.73E-03	2.71E-04
797	252205.7	4064456	7.56E-04	2.42E-03	2.40E-04
798	252229.7	4064455	6.69E-04	2.14E-03	2.13E-04
799	251929.9	4064490	1.45E-03	4.65E-03	4.62E-04
800	251889	4064474	1.69E-03	5.41E-03	5.37E-04
801	251839.1	4064439	2.16E-03	6.93E-03	6.88E-04
802	251821.1	4064399	2.74E-03	8.77E-03	8.70E-04
803	252015.3	4064512	1.04E-03	3.33E-03	3.30E-04
804	252039.3	4064511	9.77E-04	3.13E-03	3.11E-04
805	252063.3	4064511	9.14E-04	2.93E-03	2.91E-04
806	252087.3	4064510	8.50E-04	2.72E-03	2.70E-04
807	252111.3	4064509	7.86E-04	2.52E-03	2.50E-04
808	252135.3	4064508	7.22E-04	2.31E-03	2.30E-04
809	252159.3	4064507	6.59E-04	2.11E-03	2.10E-04
810	252183.3	4064507	5.98E-04	1.91E-03	1.90E-04
811	252207.3	4064506	5.40E-04	1.73E-03	1.72E-04
812	252231.3	4064505	4.87E-04	1.56E-03	1.55E-04
813	251925.8	4064537	1.04E-03	3.33E-03	3.30E-04
814	251903.4	4064529	1.13E-03	3.62E-03	3.59E-04
815	251881	4064521	1.22E-03	3.91E-03	3.88E-04
816	251858.6	4064512	1.31E-03	4.20E-03	4.17E-04
817	251836.3	4064504	1.40E-03	4.48E-03	4.44E-04
818	251804	4064473	1.69E-03	5.40E-03	5.36E-04
819	251794.2	4064452	1.91E-03	6.11E-03	6.06E-04
820	251784.3	4064430	2.13E-03	6.83E-03	6.78E-04
821	251774.5	4064408	2.35E-03	7.53E-03	7.47E-04
822	251764.6	4064386	2.55E-03	8.16E-03	8.10E-04
823	251992.9	4064563	7.80E-04	2.50E-03	2.48E-04
824	252016.9	4064562	7.39E-04	2.37E-03	2.35E-04
825	252040.9	4064561	6.96E-04	2.23E-03	2.21E-04
826	252064.9	4064561	6.53E-04	2.09E-03	2.08E-04
827	252088.9	4064560	6.10E-04	1.96E-03	1.94E-04
828	252112.9	4064559	5.69E-04	1.82E-03	1.81E-04
829	252136.9	4064558	5.28E-04	1.69E-03	1.68E-04
830	252160.9	4064557	4.87E-04	1.56E-03	1.55E-04
831	252184.9	4064557	4.48E-04	1.43E-03	1.42E-04
832	252208.9	4064556	4.10E-04	1.31E-03	1.30E-04
833	252232.9	4064555	3.76E-04	1.20E-03	1.19E-04
834	252256.9	4064554	3.46E-04	1.11E-03	1.10E-04
835	251908.6	4064580	8.15E-04	2.61E-03	2.59E-04
836	251887.1	4064572	8.77E-04	2.81E-03	2.79E-04
837	251865.6	4064564	9.41E-04	3.01E-03	2.99E-04
838	251844.1	4064556	1.00E-03	3.22E-03	3.19E-04
839	251822.6	4064548	1.07E-03	3.42E-03	3.40E-04
840	251801.1	4064540	1.13E-03	3.62E-03	3.59E-04
841	251770.2	4064511	1.33E-03	4.27E-03	4.24E-04
842	251760.8	4064490	1.49E-03	4.77E-03	4.74E-04
843	251751.3	4064469	1.65E-03	5.29E-03	5.25E-04
844	251741.8	4064448	1.81E-03	5.81E-03	5.77E-04
845	251732.4	4064427	1.97E-03	6.31E-03	6.26E-04
846	251722.9	4064406	2.11E-03	6.76E-03	6.71E-04
847	251713.5	4064385	2.23E-03	7.15E-03	7.10E-04
848	251994.5	4064613	5.83E-04	1.87E-03	1.85E-04
849	252018.5	4064612	5.53E-04	1.77E-03	1.76E-04
850	252042.5	4064611	5.22E-04	1.67E-03	1.66E-04
851	252066.5	4064610	4.91E-04	1.57E-03	1.56E-04
852	252090.5	4064610	4.62E-04	1.48E-03	1.47E-04
853	252114.5	4064609	4.33E-04	1.39E-03	1.38E-04
854	252138.5	4064608	4.04E-04	1.30E-03	1.29E-04
855	252162.5	4064607	3.77E-04	1.21E-03	1.20E-04
856	252186.5	4064607	3.50E-04	1.12E-03	1.11E-04
857	252210.5	4064606	3.25E-04	1.04E-03	1.03E-04
858	252234.5	4064605	3.01E-04	9.65E-04	9.58E-05
859	251909.5	4064679	4.90E-04	1.57E-03	1.56E-04
860	251887.5	4064671	5.24E-04	1.68E-03	1.67E-04
861	251865.5	4064663	5.59E-04	1.79E-03	1.78E-04

862	251843.4	4064654	5.96E-04	1.91E-03	1.89E-04
863	251821.4	4064646	6.33E-04	2.03E-03	2.01E-04
864	251799.4	4064638	6.71E-04	2.15E-03	2.13E-04
865	251777.3	4064630	7.09E-04	2.27E-03	2.25E-04
866	251755.3	4064621	7.47E-04	2.39E-03	2.38E-04
867	251733.3	4064613	7.85E-04	2.51E-03	2.50E-04
868	251701.5	4064583	9.10E-04	2.91E-03	2.89E-04
869	251691.8	4064562	1.01E-03	3.22E-03	3.20E-04
870	251682.1	4064540	1.11E-03	3.54E-03	3.52E-04
871	251672.4	4064519	1.21E-03	3.88E-03	3.85E-04
872	251662.7	4064497	1.31E-03	4.20E-03	4.17E-04
873	251653	4064476	1.41E-03	4.52E-03	4.48E-04
874	251643.3	4064454	1.50E-03	4.81E-03	4.77E-04
875	251633.6	4064433	1.58E-03	5.06E-03	5.02E-04
876	251624	4064411	1.65E-03	5.28E-03	5.24E-04
877	251614.3	4064390	1.70E-03	5.46E-03	5.42E-04
878	251997.7	4064713	3.62E-04	1.16E-03	1.15E-04
879	252021.7	4064712	3.45E-04	1.11E-03	1.10E-04
880	252045.7	4064711	3.28E-04	1.05E-03	1.04E-04
881	252069.7	4064710	3.10E-04	9.94E-04	9.86E-05
882	252093.7	4064710	2.93E-04	9.40E-04	9.33E-05
883	252117.7	4064709	2.77E-04	8.88E-04	8.81E-05
884	252141.7	4064708	2.62E-04	8.38E-04	8.32E-05
885	252165.7	4064707	2.47E-04	7.90E-04	7.84E-05
886	252189.7	4064707	2.33E-04	7.46E-04	7.40E-05
887	252213.7	4064706	2.20E-04	7.04E-04	6.99E-05
888	252237.7	4064705	2.08E-04	6.66E-04	6.61E-05
889	251911.3	4064779	3.25E-04	1.04E-03	1.03E-04
890	251889	4064770	3.46E-04	1.11E-03	1.10E-04
891	251866.6	4064762	3.68E-04	1.18E-03	1.17E-04
892	251844.2	4064754	3.90E-04	1.25E-03	1.24E-04
893	251821.8	4064745	4.13E-04	1.32E-03	1.31E-04
894	251799.4	4064737	4.36E-04	1.40E-03	1.39E-04
895	251777.1	4064728	4.60E-04	1.47E-03	1.46E-04
896	251754.7	4064720	4.84E-04	1.55E-03	1.54E-04
897	251732.3	4064711	5.09E-04	1.63E-03	1.62E-04
898	251709.9	4064703	5.33E-04	1.71E-03	1.70E-04
899	251687.6	4064694	5.58E-04	1.79E-03	1.77E-04
900	251665.2	4064686	5.82E-04	1.87E-03	1.85E-04
901	251633	4064656	6.64E-04	2.13E-03	2.11E-04
902	251623.1	4064634	7.26E-04	2.33E-03	2.31E-04
903	251613.3	4064612	7.93E-04	2.54E-03	2.52E-04
904	251603.4	4064590	8.62E-04	2.76E-03	2.74E-04
905	251593.6	4064569	9.33E-04	2.99E-03	2.96E-04
906	251583.7	4064547	1.00E-03	3.21E-03	3.19E-04
907	251573.9	4064525	1.07E-03	3.42E-03	3.40E-04
908	251564	4064503	1.13E-03	3.62E-03	3.60E-04
909	251554.2	4064481	1.19E-03	3.80E-03	3.77E-04
910	251544.3	4064460	1.23E-03	3.95E-03	3.92E-04
911	251534.5	4064438	1.27E-03	4.08E-03	4.05E-04
912	251524.6	4064416	1.31E-03	4.19E-03	4.15E-04
913	251514.8	4064394	1.33E-03	4.27E-03	4.24E-04
914	252000.8	4064813	2.49E-04	7.96E-04	7.90E-05
915	252024.8	4064812	2.38E-04	7.61E-04	7.55E-05
916	252048.8	4064811	2.27E-04	7.26E-04	7.20E-05
917	252072.8	4064810	2.16E-04	6.90E-04	6.85E-05
918	251982.5	4064905	1.94E-04	6.20E-04	6.16E-05
919	251961	4064896	2.05E-04	6.58E-04	6.53E-05
920	251939.6	4064888	2.17E-04	6.96E-04	6.91E-05
921	251918.1	4064880	2.30E-04	7.35E-04	7.30E-05
922	251896.6	4064872	2.42E-04	7.76E-04	7.70E-05
923	251875.1	4064864	2.55E-04	8.18E-04	8.11E-05
924	251853.6	4064856	2.69E-04	8.61E-04	8.54E-05
925	251832.2	4064848	2.83E-04	9.05E-04	8.98E-05
926	251810.7	4064840	2.97E-04	9.51E-04	9.44E-05
927	251789.2	4064832	3.12E-04	9.98E-04	9.91E-05
928	251767.7	4064823	3.27E-04	1.05E-03	1.04E-04
929	251746.2	4064815	3.42E-04	1.10E-03	1.09E-04
930	251724.7	4064807	3.58E-04	1.15E-03	1.14E-04
931	251703.3	4064799	3.73E-04	1.20E-03	1.19E-04
932	251681.8	4064791	3.89E-04	1.25E-03	1.24E-04
933	251660.3	4064783	4.05E-04	1.30E-03	1.29E-04

934	251638.8	4064775	4.21E-04	1.35E-03	1.34E-04
935	251617.3	4064767	4.37E-04	1.40E-03	1.39E-04
936	251595.9	4064759	4.53E-04	1.45E-03	1.44E-04
937	251564.9	4064730	5.06E-04	1.62E-03	1.61E-04
938	251555.5	4064709	5.47E-04	1.75E-03	1.74E-04
939	251546	4064688	5.90E-04	1.89E-03	1.87E-04
940	251536.6	4064667	6.35E-04	2.04E-03	2.02E-04
941	251527.1	4064646	6.83E-04	2.19E-03	2.17E-04
942	251517.6	4064625	7.31E-04	2.34E-03	2.32E-04
943	251508.2	4064604	7.78E-04	2.49E-03	2.47E-04
944	251498.7	4064583	8.24E-04	2.64E-03	2.62E-04
945	251489.3	4064562	8.68E-04	2.78E-03	2.76E-04
946	251479.8	4064541	9.09E-04	2.91E-03	2.89E-04
947	251470.4	4064520	9.45E-04	3.03E-03	3.00E-04
948	251460.9	4064499	9.76E-04	3.13E-03	3.10E-04
949	251451.4	4064478	1.00E-03	3.21E-03	3.19E-04
950	251442	4064458	1.03E-03	3.29E-03	3.26E-04
951	251432.5	4064437	1.04E-03	3.34E-03	3.32E-04
952	251423.1	4064416	1.06E-03	3.39E-03	3.36E-04
953	251413.6	4064395	1.07E-03	3.43E-03	3.40E-04
954	251404.2	4064374	1.08E-03	3.46E-03	3.43E-04
955	252004	4064913	1.82E-04	5.84E-04	5.79E-05
956	252100	4064910	1.52E-04	4.87E-04	4.83E-05
957	252124	4064909	1.45E-04	4.64E-04	4.61E-05
958	252148	4064908	1.38E-04	4.43E-04	4.40E-05
959	252172	4064907	1.32E-04	4.24E-04	4.21E-05
960	252196	4064907	1.27E-04	4.07E-04	4.04E-05
961	252220	4064906	1.22E-04	3.92E-04	3.89E-05
962	251985.4	4065004	1.48E-04	4.74E-04	4.71E-05
963	251963.6	4064996	1.56E-04	5.01E-04	4.97E-05
964	251941.8	4064988	1.65E-04	5.27E-04	5.23E-05
965	251920	4064980	1.73E-04	5.55E-04	5.50E-05
966	251898.2	4064971	1.82E-04	5.82E-04	5.78E-05
967	251876.4	4064963	1.91E-04	6.11E-04	6.06E-05
968	251854.6	4064955	2.00E-04	6.40E-04	6.35E-05
969	251832.8	4064947	2.09E-04	6.70E-04	6.65E-05
970	251811	4064939	2.19E-04	7.01E-04	6.96E-05
971	251789.3	4064930	2.29E-04	7.34E-04	7.28E-05
972	251767.5	4064922	2.40E-04	7.68E-04	7.62E-05
973	251745.7	4064914	2.51E-04	8.02E-04	7.96E-05
974	251723.9	4064906	2.62E-04	8.38E-04	8.31E-05
975	251702.1	4064897	2.73E-04	8.73E-04	8.67E-05
976	251680.3	4064889	2.84E-04	9.10E-04	9.03E-05
977	251658.5	4064881	2.95E-04	9.46E-04	9.39E-05
978	251636.7	4064873	3.07E-04	9.83E-04	9.75E-05
979	251614.9	4064864	3.18E-04	1.02E-03	1.01E-04
980	251593.1	4064856	3.29E-04	1.06E-03	1.05E-04
981	251571.3	4064848	3.41E-04	1.09E-03	1.08E-04
982	251549.5	4064840	3.52E-04	1.13E-03	1.12E-04
983	251527.7	4064832	3.64E-04	1.17E-03	1.16E-04
984	251496.4	4064802	4.02E-04	1.29E-03	1.28E-04
985	251486.8	4064781	4.31E-04	1.38E-03	1.37E-04
986	251477.2	4064760	4.62E-04	1.48E-03	1.47E-04
987	251467.6	4064738	4.95E-04	1.59E-03	1.57E-04
988	251458	4064717	5.30E-04	1.70E-03	1.68E-04
989	251448.4	4064696	5.65E-04	1.81E-03	1.80E-04
990	251438.8	4064675	6.01E-04	1.93E-03	1.91E-04
991	251429.2	4064654	6.37E-04	2.04E-03	2.03E-04
992	251419.6	4064632	6.72E-04	2.15E-03	2.14E-04
993	251410	4064611	7.05E-04	2.26E-03	2.24E-04
994	251400.4	4064590	7.36E-04	2.36E-03	2.34E-04
995	251390.8	4064569	7.63E-04	2.45E-03	2.43E-04
996	251381.2	4064547	7.88E-04	2.52E-03	2.50E-04
997	251371.6	4064526	8.09E-04	2.59E-03	2.57E-04
998	251362.1	4064505	8.27E-04	2.65E-03	2.63E-04
999	251352.5	4064484	8.42E-04	2.70E-03	2.68E-04
1000	251342.9	4064462	8.54E-04	2.73E-03	2.71E-04
1001	251333.3	4064441	8.63E-04	2.76E-03	2.74E-04
1002	251323.7	4064420	8.71E-04	2.79E-03	2.77E-04
1003	251314.1	4064399	8.77E-04	2.81E-03	2.79E-04
1004	251304.5	4064378	8.82E-04	2.83E-03	2.80E-04
1005	252007.2	4065013	1.40E-04	4.48E-04	4.45E-05

1006	252031.2	4065012	1.34E-04	4.30E-04	4.27E-05
1007	252055.2	4065011	1.29E-04	4.12E-04	4.09E-05
1008	252079.2	4065010	1.23E-04	3.95E-04	3.92E-05
1009	252103.2	4065010	1.18E-04	3.77E-04	3.74E-05
1010	252127.2	4065009	1.12E-04	3.60E-04	3.57E-05
1011	252151.2	4065008	1.08E-04	3.45E-04	3.43E-05
1012	252175.2	4065007	1.04E-04	3.32E-04	3.29E-05
1013	252199.2	4065006	9.99E-05	3.20E-04	3.17E-05
1014	252223.2	4065006	9.66E-05	3.10E-04	3.07E-05
1015	251988.3	4065104	1.17E-04	3.76E-04	3.73E-05
1016	251966.3	4065096	1.23E-04	3.95E-04	3.92E-05
1017	251944.3	4065088	1.30E-04	4.15E-04	4.12E-05
1018	251922.2	4065079	1.36E-04	4.35E-04	4.32E-05
1019	251900.2	4065071	1.42E-04	4.55E-04	4.52E-05
1020	251878.2	4065063	1.48E-04	4.75E-04	4.72E-05
1021	251856.1	4065054	1.55E-04	4.96E-04	4.92E-05
1022	251834.1	4065046	1.61E-04	5.17E-04	5.13E-05
1023	251812.1	4065038	1.68E-04	5.39E-04	5.35E-05
1024	251790	4065029	1.75E-04	5.62E-04	5.58E-05
1025	251768	4065021	1.83E-04	5.86E-04	5.81E-05
1026	251746	4065013	1.91E-04	6.10E-04	6.06E-05
1027	251723.9	4065004	1.99E-04	6.36E-04	6.31E-05
1028	251701.9	4064996	2.07E-04	6.63E-04	6.57E-05
1029	251679.9	4064988	2.15E-04	6.90E-04	6.84E-05
1030	251657.8	4064979	2.24E-04	7.17E-04	7.11E-05
1031	251635.8	4064971	2.32E-04	7.44E-04	7.39E-05
1032	251613.8	4064963	2.41E-04	7.72E-04	7.66E-05
1033	251591.7	4064954	2.49E-04	7.99E-04	7.93E-05
1034	251569.7	4064946	2.58E-04	8.26E-04	8.19E-05
1035	251547.7	4064938	2.66E-04	8.52E-04	8.46E-05
1036	251525.6	4064930	2.74E-04	8.79E-04	8.72E-05
1037	251503.6	4064921	2.83E-04	9.06E-04	8.99E-05
1038	251481.6	4064913	2.91E-04	9.33E-04	9.26E-05
1039	251459.5	4064905	3.00E-04	9.60E-04	9.53E-05
1040	251427.8	4064875	3.29E-04	1.05E-03	1.04E-04
1041	251418.1	4064853	3.50E-04	1.12E-03	1.11E-04
1042	251408.4	4064832	3.73E-04	1.20E-03	1.19E-04
1043	251398.7	4064810	3.98E-04	1.27E-03	1.26E-04
1044	251389	4064789	4.24E-04	1.36E-03	1.35E-04
1045	251379.3	4064768	4.51E-04	1.44E-03	1.43E-04
1046	251369.6	4064746	4.78E-04	1.53E-03	1.52E-04
1047	251359.9	4064725	5.06E-04	1.62E-03	1.61E-04
1048	251350.2	4064703	5.34E-04	1.71E-03	1.70E-04
1049	251340.5	4064682	5.60E-04	1.79E-03	1.78E-04
1050	251330.8	4064660	5.86E-04	1.88E-03	1.86E-04
1051	251321.1	4064639	6.10E-04	1.95E-03	1.94E-04
1052	251311.4	4064617	6.32E-04	2.02E-03	2.01E-04
1053	251301.7	4064596	6.51E-04	2.09E-03	2.07E-04
1054	251292	4064574	6.68E-04	2.14E-03	2.12E-04
1055	251282.3	4064553	6.83E-04	2.19E-03	2.17E-04
1056	251272.6	4064531	6.95E-04	2.23E-03	2.21E-04
1057	251262.9	4064510	7.06E-04	2.26E-03	2.24E-04
1058	251253.2	4064489	7.14E-04	2.29E-03	2.27E-04
1059	251243.5	4064467	7.20E-04	2.31E-03	2.29E-04
1060	251233.8	4064446	7.26E-04	2.32E-03	2.31E-04
1061	251224.2	4064424	7.30E-04	2.34E-03	2.32E-04
1062	251214.5	4064403	7.33E-04	2.35E-03	2.33E-04
1063	251204.8	4064381	7.36E-04	2.36E-03	2.34E-04
1064	252010.4	4065113	1.11E-04	3.56E-04	3.53E-05
1065	252034.4	4065112	1.07E-04	3.43E-04	3.40E-05
1066	252058.4	4065111	1.03E-04	3.29E-04	3.26E-05
1067	252082.4	4065110	9.85E-05	3.16E-04	3.13E-05
1068	252106.4	4065109	9.45E-05	3.03E-04	3.00E-05
1069	252130.4	4065109	9.04E-05	2.90E-04	2.87E-05
1070	252154.4	4065108	8.70E-05	2.79E-04	2.77E-05
1071	252178.4	4065107	8.40E-05	2.69E-04	2.67E-05
1072	252202.4	4065106	8.13E-05	2.60E-04	2.58E-05
1073	252226.4	4065106	7.90E-05	2.53E-04	2.51E-05
1074	251991.3	4065204	9.54E-05	3.06E-04	3.03E-05
1075	251969.1	4065196	1.00E-04	3.21E-04	3.18E-05
1076	251946.9	4065187	1.05E-04	3.36E-04	3.33E-05
1077	251924.6	4065179	1.10E-04	3.51E-04	3.49E-05

1078	251902.4	4065171	1.14E-04	3.67E-04	3.64E-05
1079	251880.2	4065162	1.19E-04	3.82E-04	3.79E-05
1080	251858	4065154	1.24E-04	3.97E-04	3.94E-05
1081	251835.8	4065145	1.29E-04	4.13E-04	4.09E-05
1082	251813.5	4065137	1.34E-04	4.28E-04	4.25E-05
1083	251791.3	4065129	1.39E-04	4.45E-04	4.41E-05
1084	251769.1	4065120	1.44E-04	4.62E-04	4.58E-05
1085	251746.9	4065112	1.50E-04	4.80E-04	4.76E-05
1086	251724.6	4065103	1.56E-04	4.98E-04	4.95E-05
1087	251702.4	4065095	1.62E-04	5.18E-04	5.14E-05
1088	251680.2	4065087	1.68E-04	5.38E-04	5.34E-05
1089	251658	4065078	1.74E-04	5.59E-04	5.54E-05
1090	251635.8	4065070	1.81E-04	5.80E-04	5.75E-05
1091	251613.5	4065061	1.88E-04	6.01E-04	5.97E-05
1092	251591.3	4065053	1.94E-04	6.23E-04	6.18E-05
1093	251569.1	4065045	2.01E-04	6.44E-04	6.39E-05
1094	251546.9	4065036	2.08E-04	6.65E-04	6.60E-05
1095	251524.6	4065028	2.14E-04	6.85E-04	6.80E-05
1096	251502.4	4065020	2.20E-04	7.06E-04	7.00E-05
1097	251480.2	4065011	2.27E-04	7.26E-04	7.20E-05
1098	251458	4065003	2.33E-04	7.46E-04	7.40E-05
1099	251435.8	4064994	2.39E-04	7.66E-04	7.60E-05
1100	251413.5	4064986	2.46E-04	7.87E-04	7.81E-05
1101	251391.3	4064978	2.52E-04	8.08E-04	8.02E-05
1102	251359.3	4064948	2.74E-04	8.79E-04	8.72E-05
1103	251349.5	4064926	2.91E-04	9.31E-04	9.24E-05
1104	251339.7	4064904	3.08E-04	9.88E-04	9.80E-05
1105	251330	4064883	3.27E-04	1.05E-03	1.04E-04
1106	251320.2	4064861	3.47E-04	1.11E-03	1.10E-04
1107	251310.4	4064839	3.68E-04	1.18E-03	1.17E-04
1108	251300.6	4064818	3.89E-04	1.25E-03	1.24E-04
1109	251290.8	4064796	4.11E-04	1.32E-03	1.31E-04
1110	251281	4064774	4.33E-04	1.39E-03	1.38E-04
1111	251271.3	4064753	4.55E-04	1.46E-03	1.45E-04
1112	251261.5	4064731	4.76E-04	1.52E-03	1.51E-04
1113	251251.7	4064709	4.96E-04	1.59E-03	1.58E-04
1114	251241.9	4064688	5.15E-04	1.65E-03	1.64E-04
1115	251232.1	4064666	5.33E-04	1.71E-03	1.69E-04
1116	251222.4	4064645	5.49E-04	1.76E-03	1.74E-04
1117	251212.6	4064623	5.63E-04	1.80E-03	1.79E-04
1118	251202.8	4064601	5.75E-04	1.84E-03	1.83E-04
1119	251193	4064580	5.85E-04	1.87E-03	1.86E-04
1120	251183.2	4064558	5.94E-04	1.90E-03	1.89E-04
1121	251173.4	4064536	6.01E-04	1.93E-03	1.91E-04
1122	251163.7	4064515	6.07E-04	1.94E-03	1.93E-04
1123	251153.9	4064493	6.12E-04	1.96E-03	1.94E-04
1124	252013.5	4065212	9.07E-05	2.91E-04	2.88E-05
1125	252037.5	4065212	8.74E-05	2.80E-04	2.78E-05
1126	252061.5	4065211	8.41E-05	2.69E-04	2.67E-05
1127	252085.5	4065210	8.09E-05	2.59E-04	2.57E-05
1128	252109.6	4065209	7.78E-05	2.49E-04	2.47E-05
1129	252133.6	4065209	7.50E-05	2.40E-04	2.38E-05
1130	252157.6	4065208	7.24E-05	2.32E-04	2.30E-05
1131	252181.6	4065207	7.01E-05	2.25E-04	2.23E-05
1132	252205.6	4065206	6.81E-05	2.18E-04	2.16E-05
1133	252229.6	4065206	6.63E-05	2.12E-04	2.11E-05
1134	252277.6	4065204	6.35E-05	2.04E-04	2.02E-05

APPENDIX C

ENERGY CALCULATIONS

Construction Off-Road Equipment										
Phase	**Off-Road Equipment Type**	**Amount**	**Usage Hour/Day**	**Total Usage Days**	**Total Usage Hours/Equipment**	**Horsepower**	**Load Factor**	**Total Usage Hours/ Equipment**	**Horsepower-Hour**	**Fuel Usage (gallons)**
Site Preparation	Rubber Tired Dozers	3	8	10	240	247	0.4	240	23712	1214.0544
	Tractors/Loaders/Backhoes	4	8	10	320	97	0.37	320	11484.8	588.02176
Grading	Excavators	2	8	30	480	158	0.38	480	28819.2	1475.54304
	Graders	1	8	30	240	187	0.41	240	18400.8	942.12096
	Rubber Tired Dozers	1	8	30	240	216	0.44	240	22809.6	1167.85152
	Scrapers	2	8	30	480	245	0.47	480	55272	2829.9264
	Tractors/Loaders/Backhoes	2	8	30	480	274	0.5	480	65760	3366.912
Building Construction	Cranes	1	8	300	2400	303	0.53	2400	385416	19733.2992
	Forklifts	3	8	300	7200	332	0.56	7200	1338624	68537.5488
	Generator Sets	1	8	300	2400	361	0.59	2400	511176	26172.2112
	Tractors/Loaders/Backhoes	3	8	300	7200	390	0.62	7200	1740960	89137.152
	Welders	1	8	300	2400	46	0.45	2400	49680	2543.616
Paving	Pavers	2	8	20	320	130	0.42	320	17472	894.5664
	Paving Equipment	2	8	20	320	132	0.36	320	15206.4	778.56768
	Rollers	2	8	20	320	80	0.38	320	9728	498.0736
Architectural Coating	Air Compressors	1	8	20	160	78	0.48	160	5990.4	306.70848
									Total	**220186.1734** Diesel

Construction Truck and Construction Worker Vehicle Fuel Efficiency				
		EMFAC 2021 Outputs		
Vehicle Type	Vehicle Class	Fuel Consumption (1,000 gallons/day)	VMT (miles/ day)	Fuel Efficency (miles/gallon)
Construction Truck	MHDT	42.3	362123.1	8.6
	HHDT	337.2	1975084.7	5.9
	HHDT/MHDT	-	-	7.2
Construction Worker Vehicle	LDA	419.3	11917096.6	28.4
	LDT1	43.7	1031015.9	23.6
	LDT2	233.9	5285875.2	22.6
	Worker Mix	-	-	25.8

Notes:

[1] For construction trucks assumes 50 percent HHDT and 50 percent MHDT vehicles, consistent with assumptions in CalEEMod. For construction worker vehicles assumes 50 percent LDA, 25 percent LDT1, and 25 percent LDT2 vehicles, consistent with assumptions in CalEEMod for worker vehicles.

[2] EMFAC2021 was run for Fresno County for the construction year 2022. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Vehicle Fuel Use - Diesel Vehicles						
Phase	Trip Type	Total Trips	Trip Length (miles)	Total VMT	Diesel Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)
Grading	Hauling	682	20	13640	5.9	2311.9
Building Construction	Vendor	67800	7.3	494940	7.2	68741.7
					Total	**71053.5**

Diesel

[1] Assumes 100 percent HHDT vehicles for haul trucks and 50 percent HHDT/50 percent MHDT vehicles for MHDT, consistent with assumptions in CalEEMod.

[2] EMFAC2021 was run for Fresno County for the construction year 2022. Data was aggregated over all vehicle model years and speed bins.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Construction Worker Vehicle Fuel Use - Gasoline Vehicles							
Phase	Total One-Way Trips/Day	Total Days	Total Trips	Trip Length (miles)	Total VMT	Gasoline Fuel Effiency (miles/gallon)	Fuel Usage (gallons/year)
Site Preparation	18	10	360	10.8	3888	25.8	150.7
Grading	20	30	1200	10.8	12960	25.8	502.3
Building Construction	291	300	174600	10.8	1885680	25.8	73088.4
Paving	15	20	600	10.8	6480	25.8	251.2
Architectural Coating	58	20	2320	10.8	25056	25.8	971.2
						Total	**74963.7**

Gas

Total Construction Gasoline Usage	74963.7
Total Construction Diesel Usage	291239.7

Proposed Project Operational Vehicle Trips												
				Gasoline		Diesel		Electric		Natural Gas		Plug-in Hybrid	
Vehicle Class	CalEEMod	Total Project Trips	Total Trips per Vehicle Class	EMFAC %	Number of Trips	EMFAC %	Number of Trips	EMFAC %	Number of Trips	EMFAC %	Number of Trips	EMFAC %	Number of Trips
LDA	0.555025	321	178.2	93%	166.0	0%	0.4	4%	7.3	0%	0.0	3%	4.15
LDT1	0.053153	321	17.1	100%	17.0	0%	0.0	0%	0.0	0%	0.0	0%	0.0
LDT2	0.053153	321	17.1	99%	16.8	0%	0.1	1%	0.1	0%	0.0	1%	0.1
MDV	0.156529	321	50.2	97%	48.9	1%	0.7	1%	0.3	0%	0.0	1%	0.3
LHD1	0.025865	321	8.3	53%	4.4	47%	3.9	0%	0.0	0%	0.0	0%	0.0
LHD2	0.006829	321	2.2	33%	0.7	66%	1.5	0%	0.0	0%	0.0	0%	0.0
MHD	0	321	0.0	11%	0.0	88%	0.0	0%	0.0	1%	0.0	0%	0.0
HHD	0	321	0.0	0%	0.0	97%	0.0	0%	0.0	3%	0.0	0%	0.0
OBUS	0	321	0.0	75%	0.0	25%	0.0	0%	0.0	0%	0.0	0%	0.0
UBUS	0	321	0.0	36%	0.0	7%	0.0	2%	0.0	55%	0.0	0%	0.0
MCY	0.023863	321	7.7	100%	7.7	0%	0.0	0%	0.0	0%	0.0	0%	0.0
SBUS	0	321	0.0	24%	0.0	64%	0.0	0%	0.0	12%	0.0	0%	0.0
MH	0.002975	321	1.0	67%	0.6	33%	0.3	0%	0.0	0%	0.0	0%	0.0
				Total	262.2	Total	6.8	Total	7.7	Total	0.0	Total	4.6
				Percentage	81.7%	Percentage	2.1%	Percentage	2.4%	Percentage	0.0%	Percentage	1.4%

Proposed Project Operational Trips – Fuel Efficiency						
		EMFAC2021 Outputs1				
Fuel	Vehicle Class	Fleet Mix (%)2	Fuel Consumption (1,000 gallons/day)	VMT (miles/day)	Fuel Efficiency3 (miles/gallon)	
Gas	LDA	48%	413.1	12,133,467.4	29.4	14.1
	LDT1	5%	40.8	993,295.8	24.3	1.1
	LDT2	22%	240.0	5,656,654.0	23.6	5.2
	LHD1	2%	46.7	442,604.9	9.5	0.2
	LHD2	0%	8.4	70,185.2	8.3	0.0
	MCY	2%	2.1	86,629.6	41.2	1.0
	MDV	20%	239.8	4,577,942.1	19.1	3.8
	MH	0%	3.0	13,147.2	4.4	0.0
	OBUS	0%	3.1	14,710.9	4.7	0.0
	SBUS	0%	1.9	18,881.1	10.0	0.0
	MHDT	0%	11.2	52,454.0	4.7	0.0
	HHDT	0%	0.0	69.4	3.9	0.0
	UBUS	0%	0.9	4,205.6	4.8	0.0
	Fleet Mix	–	–	–	25.5	25.5
Diesel	LDA	2%	0.5	21,074.6	44.3	0.7
	LDT1	0%	0.0	217.9	25.3	0.0
	LDT2	1%	0.5	15,817.5	33.7	0.3
	LHD1	26%	25.1	396,666.8	15.8	4.2
	LHD2	10%	11.4	149,342.5	13.1	1.3
	MCY	4%	2.8	70,493.8	24.9	1.1
	MDV	2%	0.7	6,366.1	9.4	0.2
	MH	0%	1.3	7,325.9	5.5	0.0
	OBUS	0%	3.7	18,553.5	5.0	0.0
	SBUS	2%	2.3	19,294.3	8.3	0.2
	MHDT	19%	43.2	374,754.5	8.7	1.6
	HHDT	34%	340.0	2,046,809.6	6.0	2.1
	UBUS	0%	0.2	1,956.6	9.1	0.0
	Fleet Mix		–	–	11.6	11.6
Electric	LDA	89%	0.0	649,377.1	0	0.0
	LDT1	0%	0.0	1,652.0	0	0.0
	LDT2	5%	0.0	26,400.6	0	0.0
	LHD1	0%	0.0	2,307.0	0	0.0
	LHD2	0%	0.0	565.8	0	0.0
	MDV	5%	0.0	29,190.1	0	0.0
	OBUS	0%	0.0	48.3	0	0.0
	SBUS	0%	0.0	65.4	0	0.0
	MHDT	0%	0.0	1,353.2	0	0.0
	HHDT	0%	0.0	4,911.4	0	0.0
	UBUS	0%	0.0	743.4	0	0.0
	Fleet Mix	–	–	–	0.0	0.0
Natural Gas	MHDT	11%	0.6	4,507.5	7.0	0.8
	HHDT	50%	5.1	24,410.0	4.8	2.4
	SBUS	21%	0.7	4,043.0	5.7	1.2
	UBUS	18%	3.0	17,143.1	5.8	1.0
	Fleet Mix	–	–	–	5.4	5.4
Plug-in Hybrid	LDA	82%	6.3	391,933.2	61.8	50.9
	LDT1	0%	0.0	1,622.8	68.3	0.2
	LDT2	10%	0.8	50,131.9	65.0	6.5
	MDV	7%	0.6	35,247.3	61.5	4.5
	Fleet Mix	–	–	–	62.1	62.1

Notes:

[1] EMFAC2021 was run for Fresno County for the operational year 2024. Data was aggregated over all vehicle model years and speed bins.

[2] Fleet mix is based on assumptions made in CalEEMod for the proposed project.

[3] The fuel efficiency was calculated by dividing the VMT (miles/day) by the fuel consumption (gallons/day).

Proposed Project Operational Vehicle Trips – Fuel Usage						
Trip Type	Total Annual VMT2 (miles/year)	Fuel Type	Portion of Fleet3 (%)	VMT by Fuel Type (miles/year)	Fleet Mix Efficiency4 (miles/gallon)	Fuel Usage (gallons/ year)
Vehicle Trips	4,171,374	Gas	82%	3407585	25.5	133490.1
		Diesel	2%	88436	11.6	7609.0
		Electric	2%	100308	0.0	0.0
		Natural Gas	0%	0	5.4	0.0
		Plug-in Hybrid	1%	59510	62.1	957.9
					Total Gasoline/year	**134448.0**
					Total Diesel/year	**7609.0**

Notes:

[1] Calculated for operational year 2024 only. Future years will likely use less fuel due to more efficient cars.

[2] Total VMT is based on project's trip generation and trip lengths.

[3] Fleet distribution is based on EMFAC2021 output and CalEEMod assumptions.

[4] Fuel efficiency is based on fuel consumption and VMT data from EMFAC2021 for Fresno County and total VMT.

Proposed Project Operational Truck Trips – Fuel Usage						
Trip Type	Total Annual VMT2 (miles/year)	Fuel Type	Portion of Fleet3 (%)	VMT by Fuel Type (miles/year)	Fleet Mix Efficiency4 (miles/gallon)	Fuel Usage (gallons/ year)
RCCB Fresno Daily Routes	3,376,886	Diesel - MHDT	100%	3376886	8.7	389509.1
3rd Party Deliveries	1,055,600	Diesel - MHDT	50%	527800	8.7	60879.4
		Diesel - HHDT	50%	527800	6.0	87670.4
					Total Diesel/year	**538058.9**

Notes:

[1] Calculated for operational year 2024 only. Future years will likely use less fuel due to more efficient cars.

[2] Total VMT is based on project's trip generation and trip lengths.

[3] Fleet distribution is based on EMFAC2021 output and CalEEMod assumptions.

[4] Fuel efficiency is based on fuel consumption and VMT data from EMFAC2021 for Fresno County and total VMT.

Total Operational Gasoline Usage	**134448.0**
Total Operational Diesel Usage	**545667.9**

Electricity Usage	
Electricity by Land Use	**kWh/year**
Unrefrigerated Warehouse - No Rail	2,278,830.00
City Park	0
Parking Lot	20391
Parking Lot	39900
Other Asphalt Surfaces	153609
Total	**2,492,730**

Natural Gas Usage			
Natural Gas by Land Use	**kBTU/year**	**BTU/year**	**therms/year**
Unrefrigerated Warehouse - No Rail	4,398,050.00	4398050000	43,991
City Park	0	0	0
Parking Lot	0	0	0
Other Asphalt Surfaces	0	0	0
Total	**4,398,050**	**4,398,050,000**	**43,991**

APPENDIX D

GHG REDUCTION PLAN UPDATE CONSISTENCY CHECKLIST

1. Project Information	
Contact Information	
Project No./Name:	RCCB Fresno Distribution Warehouse Project
Address:	791 and 998 E. North Avenue
Applicant Name/Co:	EPD Solutions, Inc
Contact Information:	2 Park Plaza, Suite 1120
	Irvine, California 92614
Project Information	
1. What is the Site acreage of the Project?	14.78
2. Identify all Applicable Proposed Land uses:	Warehouse/Office
a. Residential (Indicate number of single-family units)	
b. Residential (Indicate number of multi-family units)	
c. Commercial (total square footage)	
d. Industrial (total square footage)	245,564
e. Other (describe)	285 vehicle spaces, 54 trailer spaces, and 29 dock-high doors.
3. Is the project or a portion of the project located in a transit priority area? (Y/N)	No
4. Provide a brief description of the project proposed:	The proposed project would construct a 205,264 square feet (sf) warehouse building with ancillary office space and a future expansion option of 40,300 sf of warehouse. The building shell would include a 2-story office area to be constructed of concrete tilt-up panels, a panelized roof system, 29 dock-high doors, a truck wash and truck maintenance shop attached to the warehouse space, and a small outdoor patio space. Also included are a truck yard, automobile parking areas, truck parking, and stormwater management areas. The building would be fully air conditioned, and would be used for Food and Beverage Industrial Storage Space. The yard would be fully secured with rolling gates and fences, with ingress and egress from both E. North Avenue and S. East Avenue. Typical operational characteristics include employees traveling to and from the site, delivery of products to the site, truck loading and unloading, and truck maintenance operations. The project is assumed to operate 24 hours a day, 7 days a week.

2. Determining Land Use Consistency		
Checklist Item		
As the first step in determining the consistency with the GHG Reduction Plan for discretionary development projects, this section allows the City to determine the project's consistency with the land use assumptions used in the GHG Reduction Plan.		
	Yes	**No**
1. Is the proposed project consistent with the approved General Plan, Specific Plan, and Community Plan planned land use and zoning designations? If the answer is **Yes**, then proceed to the GHG Plan Update Consistency Checklist. If the answer is **No**, then proceed to question 2.	X	
2. If the proposed project is not consistent with the approved planned land use and zoning designation(s), then provide estimated GHG project emissions under both existing and proposed designation(s) for comparison. Compare the maximum buildout of the existing designation with the maximum buildout of the proposed designation. If the estimated project emissions at maximum buildout of the proposed designation(s) **is equivalent to or less than** the estimated project emissions at maximum buildout of the existing designation(s), then in accordance with the City's Significance Determination Thresholds, the project's GHG impact is less than significant. If there is a proposed development project associated with this plan amendment and or rezone then complete the GHG Plan Update Consistency Checklist and incorporate applicable measures, otherwise there is no further step required. If the estimated project emission at maximum buildout of the proposed designation(s) is **greater than** the estimated project emissions at maximum buildout of the existing designation(s), then in accordance with the City's Significance Determination Thresholds, the project's GHG impact is significant. The project must either show consistency with applicable GP objectives and policies (provide applicable GP objectives and policies here) or provide analysis and measures to incorporate into the project to bring the GHG emissions to a level that is less than or equal to the estimated project emission at maximum buildout of the existing designation(s) unless the decision-maker finds that a measure is infeasible in accordance with CEQA Guidelines Section 15091. If there is a proposed development project associated with this plan amendment and or rezone then complete the GHG Plan Update Consistency Checklist and incorporate applicable measures, otherwise there is no further step required.	The proposed project is consistent with the approved planned land use and zoning designations.	

3. Greenhouse Gas (GHG) Reduction Plan Update - CEQA Project Consistency Checklist

GHG Plan Update consistency review involves the evaluation of project consistency with the applicable strategies of the GHG Plan Update. This checklist was developed based on the key local GHG reduction strategies and actions identified in the GHG Plan Update that are applicable to new development projects.

Checklist Item (Check the appropriate box and provide an explanation for your answer)	Yes	No	Not Applicable (NA)	Explanation
Strategy 1: Land Use and Transportation Demand Management				
Does the project provide complete streets for all roadway improvements? (Complete streets are roadways that include curb, gutter, and sidewalks on both sides of the street. For local and collector streets, adequate roadway width is provided to accommodate two-way vehicle traffic and bicycles and arterial streets include striping for bike lanes.)	X			The project would provide complete streets for all roadway improvements.
Is the project a large employer (over 100 employees) and if so will the project comply with SJVAPCD Rule 9410 and provide an Employer Trip Reduction Implementation Plan that will include trip reduction methods such as increasing transit use, carpooling, vanpooling, bicycling, or other measures? See the SJVAPCD website link for details: https://www.valleyair.org/rules/currntrules/r9410.pdf	X			The project would have over 100 employees and would be required to comply with SJVAPCD Rule 9410.
Strategy 2: Energy Conservation and Renewable Energy				
Does the project meet the mandatory energy efficiency measures of the California Green Building Standards Code (CalGreen)? If the Project exceeds mandatory CalGreen measures then provide the tier number that the project will meet in the explanation.	X			The project would meet the latest CalGreen standards.
For commercial projects, does it achieve net zero electricity? Mark NA if project will be permitted before 2030. Mark Yes if voluntary. Add source and capacity in explanation.			X	The project is not a commercial project.
Does the project include onsite energy generation using renewable energy? If no, mark NA. If yes, provide source and capacity in the explanation.	X			Minimum of 450 kW of rooftop solar generation.
Strategy 3: Water Conservation				
Does the project meet the mandatory indoor water use measures of the CalGreen Code? If the project exceeds CalGreen Code mandatory measures provide methods in excess of requirements in the explanation. Examples may include water pipe insulation, pressure reducing valves, energy efficient appliances such as Energy Star Certified dishwashers, washing machines, dual flush toilets, point of use and/or tankless water heaters. Provide the measures, devices, or systems that the project will include in the explanation.	X			The project would meet the latest CalGreen standards.
Does the project meet the mandatory outdoor water use measures of the CalGreen Code? If the project exceeds CalGreen Code mandatory measures provide methods in excess of requirements in the explanation? Examples may include any outdoor water conservation measures such as; drought tolerant landscaping plants, compliant irrigation systems, xeriscapes etc. Provide the conservation measure that the project will include in the explanation.	X			The project would meet the latest CalGreen standards.
Strategy 4: Solid Waste Diversion and Recycling				
When completed will the project implement techniques for solid waste diversion and reduction (i.e., recycling, composting, waste to energy technology, waste separation)?	X			The project would be consistent with the CalRecycle Waste Diversion and Recycling Mandate.
During construction will the project recycle construction and demolition waste?	X			

February 7, 2022

Rafik Albert
EPD Solutions
2355 Main Street, Suite 100
Irvine, California 92614

RE: Cultural Resources Records Search Results for the Reyes Fresno Project, Fresno, California

Dear Mr. Albert:

An archaeological records search has been completed for the Reyes Fresno Project located southwest of the intersection of South East Avenue and East North Avenue, city of Fresno, Fresno County, California. The project includes the proposed construction of a warehouse within Assessor's Parcel Numbers (APNs) 329-090-16 and -17. As part of the environmental review process, Brian F. Smith and Associates, Inc. (BFSA) reviewed the results of the records search requested from the Southern San Joaquin Valley Information Center (SSJVIC) at California State University, Bakersfield. The records search, which was completed on January 31, 2022, encompassed an area of one mile surrounding the project.

Based upon the records search results, no resources have been recorded within the project; however, the search did identify 33 recorded resources within one mile of the project parcels. All the previously recorded resources are historic and include 30 historic buildings (mostly single-family residences), one historic railroad alignment, the historic Central Canal, and the historic Bowles farming community district. The closest resources to the subject property consist of an ancillary barn building (P-10-004650), approximately 500 feet north of the project at 2943 South East Avenue, and an industrial repair yard (P-10-004652), approximately 350 feet east of the project at 1038 East North Avenue. The records search also identified 21 previous studies within a one-mile radius of the project, six of which included the subject property (Unknown 1968; Peck 1977; Crist and Varner 1981; Stuart 1990; Self 1995; Greenwald 2011). The previous studies are all large overviews and do not directly address the subject property. No resources have ever been recorded within the project as a result of any of the previous studies.

Additionally, BFSA requested a search of the Sacred Lands File by the Native American Heritage Commission (NAHC). However, as of the date of this letter, no response from the NAHC has been received.

The full results of the completed SSJVIC records search and the NAHC Sacred Lands File search request are attached to this letter report (Attachments A and B, respectively). Please contact us should you have any questions or require additional study for this project.

Regards,



Brian F. Smith
BFS:ag

Attachments:

Attachment A – SSJVIC Archaeological Records Search Results
Attachment B – NAHC Sacred Lands File Search Request

ATTACHMENT A

SSJVIC Archaeological Records Search Results

California Historical Resources Information System



Fresno
Kern
Kings
Madera
Tulare

Southern San Joaquin Valley Information Center
California State University, Bakersfield
Mail Stop: 72 DOB
9001 Stockdale Highway
Bakersfield, California 93311-1022
(661) 654-2289
E-mail: ssjvic@csub.edu
Website: www.csub.edu/ssjvic

1/31/2022

Andrew Garrison
Brian F. Smith and Associates
14010 Poway Road, Suite A
Poway, CA 92064

Re: Reyes Fresno (22-008)
Records Search File No.: 22-019

The Southern San Joaquin Valley Information Center received your record search request for the project area referenced above, located on the Fresno South USGS 7.5' quad. The following reflects the results of the records search for the project area and the 1.0 mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☒ custom GIS maps ☐ GIS data

Resources within project area:	None
Resources within 1.0 mile radius:	33 resources (list enclosed)
Reports within project area:	6 reports (list enclosed)
Reports within 1.0 mile radius:	15 reports (list enclosed)

Resource Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Database Printout (details):	☐ enclosed	☒ not requested	☐ nothing listed
Resource Digital Database Records:	☒ enclosed	☐ not requested	☐ nothing listed
Report Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Report Database Printout (details):	☐ enclosed	☒ not requested	☐ nothing listed
Report Digital Database Records:	☒ enclosed	☐ not requested	☐ nothing listed
Resource Record Copies:	☒ enclosed	☐ not requested	☐ nothing listed
Report Copies:	☐ enclosed	☒ not requested	☐ nothing listed
OHP Built Environment Resources Directory:	☐ enclosed	☒ not requested	☐ nothing listed
Archaeological Determinations of Eligibility:	☒ enclosed	☐ not requested	☐ nothing listed
CA Inventory of Historic Resources (1976):	☐ enclosed	☐ not requested	☒ nothing listed

Caltrans Bridge Survey: Not available at SSJVIC; please see https://dot.ca.gov/programs/environmental-analysis/cultural-studies/california-historical-bridges-tunnels

Ethnographic Information: Not available at SSJVIC

Historical Literature: Not available at SSJVIC

Historical Maps: Not available at SSJVIC; please see http://historicalmaps.arcgis.com/usgs/

Local Inventories: Not available at SSJVIC

GLO and/or Rancho Plat Maps: Not available at SSJVIC; please see http://www.glorecords.blm.gov/search/default.aspx#searchTabIndex=0&searchByTypeIndex=1 and/or http://www.oac.cdlib.org/view?docId=hb8489p15p;developer=local;style=oac4;doc.view=items

Shipwreck Inventory: Not available at SSJVIC; please see https://www.slc.ca.gov/shipwrecks/

Soil Survey Maps: Not available at SSJVIC; please see http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

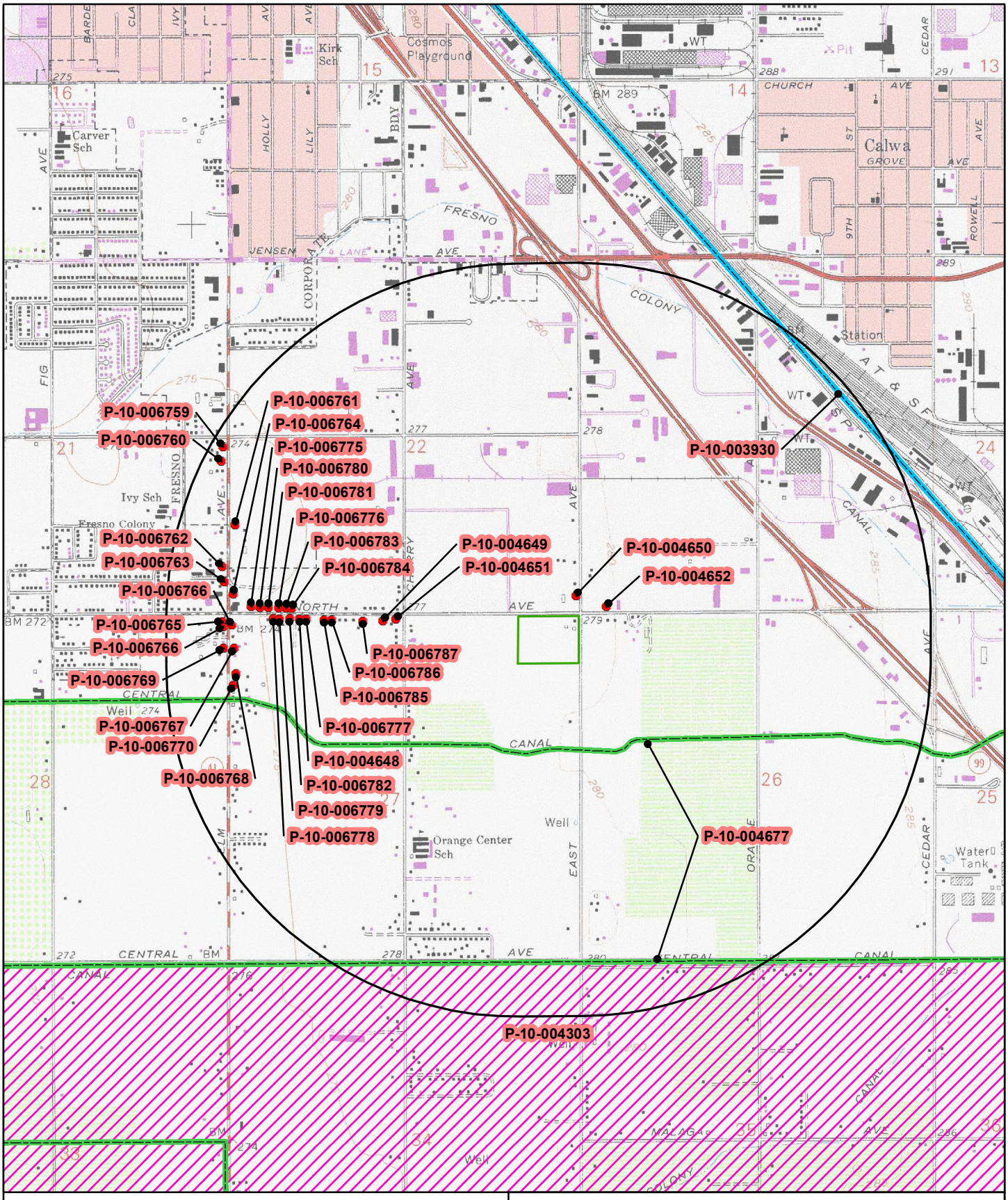
Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Invoices for Information Center services will be sent under separate cover from the California State University, Bakersfield Accounting Office.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,

Celeste M. Thomson
Coordinator

Reports in PA:	Reports in 1 Mi:	Resources in 1 Mi:
FR-00106	FR-00053	P-10-003930
FR-00357	FR-00135	P-10-004303
FR-00641	FR-00151	P-10-004648
FR-01156	FR-00277	P-10-004649
FR-01162	FR-01640	P-10-004650
FR-02701	FR-01651	P-10-004651
	FR-01707	P-10-004652
	FR-01708	P-10-004677
	FR-01738	P-10-006759
	FR-01739	P-10-006760
	FR-01841	P-10-006761
	FR-02104	P-10-006762
	FR-02245	P-10-006763
	FR-02287	P-10-006764
	FR-02687	P-10-006765
		P-10-006766
		P-10-006767
		P-10-006768
		P-10-006769
		P-10-006770
		P-10-006775
		P-10-006776
		P-10-006777
		P-10-006778
		P-10-006779
		P-10-006780
		P-10-006781
		P-10-006782
		P-10-006783
		P-10-006784
		P-10-006785
		P-10-006786
		P-10-006787



May depict confidential cultural resource locations.
Do not distribute.

0 0.125 0.25 0.5 Miles

0 0.175 0.35 0.7 Kilometers

N

Project Area

Record Search radius

SSJV Information Center Record Search 22-019
Requester: Andrew Garrison, Brian F Smith & Associates
Project Name: Reyes Fresno (22-008)
USGS 7.5' Quad(s): Fresno South
County: Fresno
Resources Only

Resource List

SSJVIC Record Search 22-019

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-10-003930	CA-FRE-003109H	Resource Name - Southern Pacific Railroad	Structure	Historic	AH07; HP11	1998 (W.L. Norton, Jones & Stokes); 1999 (S. Hooper, S. Flint, Applied EarthWorks, Inc.); 2002 (Peggy B. Murphy, Three Girls and a Shovel); 2004 (Bryan Larson, Cindy Toffelmier, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2010 (Michael Hibma, LSA Associates); 2013 (Randy Baloian, Applied Earthworks, Inc.); 2015 (Randy Baloian, Applied EarthWorks, Inc.); 2015 (Randy Baloian, Applied Earthworks, Inc.); 2016 (J. Tibbet, Applied EarthWorks, Inc.); 2018 (Annie McCausland, Applied EarthWorks, Inc.); 2018 (Jessica Jones, Applied EarthWorks, Inc.)	FR-00238, FR-01770, FR-01771, FR-01772, FR-02642, FR-02726, FR-02769, FR-02847, FR-02942, FR-03037
P-10-004303		OHP PRN - 3771-0063-0000; Resource Name - Bowles; OHP Property Number - 053526; OTIS Resource Number - 455832	District	Historic	HP39	1980 (Isami Arifuku Waugh, Ethnic Minority Cultural Resources Survey)	
P-10-004648		Resource Name - NORTH-1S; OHP Property Number - 128242	Building	Historic	HP02	2000 (L. Palmer, Applied EarthWorks, Inc.)	FR-01738
P-10-004649		Resource Name - NORTH-3S; OHP Property Number - 128243	Building	Historic	HP02	2000 (L. Palmer, Applied EarthWorks, Inc.)	FR-01738
P-10-004650		Resource Name - NORTH-4N; OHP Property Number - 128245	Building	Historic	HP04	2000 (L. Palmer, Applied EarthWorks, Inc.)	FR-01738
P-10-004651		Resource Name - NORTH-4S; OHP Property Number - 074108	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates); 2000 (L. Palmer, Applied EarthWorks, Inc.)	FR-01738

Resource List

SSJVIC Record Search 22-019

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-10-004652		Resource Name - NORTH-5N; OHP Property Number - 128244	Building	Historic	HP03	2000 (L. Palmer, Applied EarthWorks, Inc.)	FR-01738
P-10-004677	CA-FRE-003605H	Resource Name - Central Canal; OTIS Resource Number - 552642; OHP Property Number - 145600	Structure	Historic	HP20	2000 (Bai "Tom" Tang, CRM Tech); 2003 (Kelly Hobbs, J&R Environmental Services); 2004 (Bryan Larson, Cindy Toffelmier, JRP Historical Consulting)	FR-01699, FR-02504
P-10-006759		Resource Name - Fresno Grape Stake Yard	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006760		Resource Name - 2904 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006761		Resource Name - 2909 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006762		Resource Name - 2932 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006763		Resource Name - 2946 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006764		Resource Name - Garcia Paving	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006765		Resource Name - Valley Wrought Iron	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006766		Resource Name - 3047 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006767		Resource Name - 3140 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006768		Resource Name - Myers Ward Tractor Equipment	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006769		Resource Name - 3207 South Elm Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006770		Resource Name - Acme Auto Parts	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006775		Resource Name - 54 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006776		Resource Name - 86 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	

Resource List

SSJVIC Record Search 22-019

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-10-006777		Resource Name - Rodriguez Grocery	Building	Historic	HP06	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006778		Resource Name - 115 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006779		Resource Name - 125 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006780		Resource Name - 130 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006781		Resource Name - 140 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006782		Resource Name - 157 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006783		Resource Name - 172 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006784		Resource Name - 241 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006785		Resource Name - 263 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006786		Resource Name - 267 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	
P-10-006787		Resource Name - 283 East North Ave	Building	Historic	HP02	1989 (Sally Woodbridge, David Chavez & Associates)	

State of California — The Resources Agency **Primary #** 10-003930
DEPARTMENT OF PARKS AND RECREATION SUPPLEMENT **HRI #/Trinomial** CA-FRE-3109H
LINEAR FEATURE RECORD

L1. Historic and/or Common Name: Hanford & Summit Lake Railway

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**
b. Location of point or segment**: UTM NAD 83; Zone 10N:** 751724 **mE /** 4054732 **mN** (NW End)
751919 **mE /** 4054575 **mN** (SE End)

L3. Description: The segment consists of a single set of standard gauge tracks set upon a grade of crushed stone ballast, raised about 3 feet above ground level. Some sections are not raised by a stone ballast and are level with the roadway surface. The welded steel rails are supported by standard wood ties.

L4. Dimensions:
a. Top Width: ~5 feet
b. Bottom Width: ~20 feet
c. Height or Depth: 0–3 feet
d. Length of Segment: 838 feet (NW to SE)

L4e. Sketch or Cross Section ☐ attached **Facing:** ☒ none

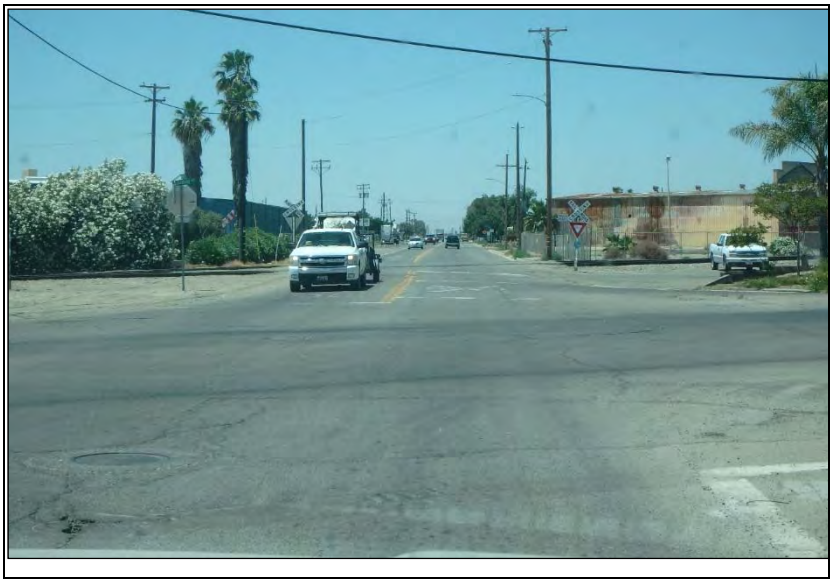
L5. Associated Resources: none

L6. Setting: Semi-rural, West Side of Fresno County

L7. Integrity Considerations: The railroad retains its original alignment, but its materials (rails, ties, ballast, etc.) have been replaced since its construction in 1912. See report cited below for a complete discussion of the segment's integrity and NRHP and CRHR eligibility:

Jones, Jessica, Randy Baloian, and Diana Dyste
2018 *Historic Properties Inventory and Evaluation for City of San Joaquin Wells 4 and 6 Manganese Treatment and Distribution Pipeline Project, Fresno County, California*. Applied EarthWorks, Inc., Fresno, California. Prepared for Crawford & Bowen Planning, Inc., Visalia, California.

L8a. Photo, Map, or Drawing:



L8b. Description of Photo, Map, or Drawing: View of the recorded segment, facing west down Manning Avenue.

L9. Remarks: This resource was evaluated by Applied EarthWorks, Inc. and recommended ineligible for listing on the NRHP and CRHR.

L10. Form Prepared By: Jessica Jones
Applied EarthWorks, Inc.
Fresno, CA 93711

L11. Date: June 2018

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

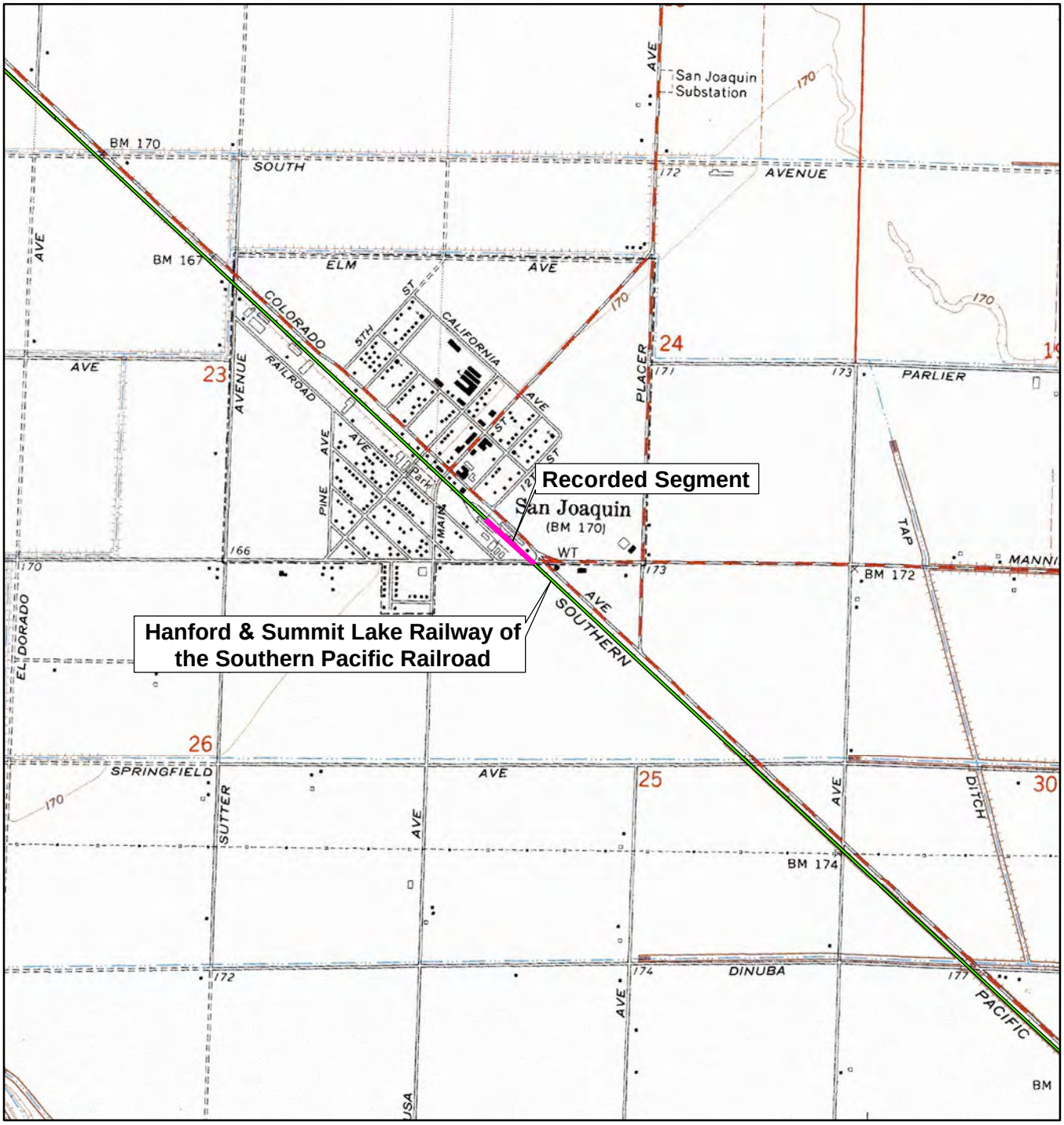
LOCATION MAP

SUPPLEMENT

Primary # 10-003930
HRI#
Trinomial CA-FRE-3109H

Page 2 **of** 2 **Resource Name or #:** **Scale:** 1:24,000

Map Name: San Joaquin, CA, USGS 7.5' quadrangle **Date:** 1963



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

UPDATE

Primary # 10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # Biola Branch Extension Railroad

P1. Other Identifier: Southern Pacific Railroad

***P2. Location:** a. **County:** Fresno County ☐ **Not for Publication** ☒ **Unrestricted**
b. **USGS 7.5′ Quad:** Biola **Date:** 1978 T 13 S, R 18 E ; Section 17 **B.M.**
c. **Address:**
d. **UTM:** NAD 83, Zone 10S; 765302 **mE /** 4076850 **mN**
e. **Other Locational Data:** APNs: 01632004S and 01602015ST

***P3a. Description:** Built in 1929–1930, the Biola Branch Extension Railroad connected Biola to Kerman in Fresno County. The extension was approximately 4 miles in length. The subject resource is a segment of the Biola Branch extension railroad grade. This segment is 1,417 foot long and 14 feet wide. No ballast, ties, spikes, or rails are extant. There are three other features of the branch railroad that extant in the study area. Feature 1 (F1) is a concrete flow-control irrigation box with metal release gate and ground water valve. The handle of the release gate has the trademark inscription "Armco 3715" and the ground water valve has "Martin Iron Works- Roll Opening Valve -Los Angeles, CA" inscribed on the cap. When the concrete was poured for the box, someone used their finger to write "5891" on the south facing lip. The box retains water and looks to be connected to the underground water mains on the property north of the project area. Feature 2 (F2) is a 49-foot-long concrete irrigation distribution culvert, with a 14-foot-wide by 3.5-foot-tall concrete apron on its north and south openings. The culvert is bisected by the railroad grade and fence line. The date "1929" is embossed on both the north and south concrete aprons. The southern apron has a contemporary concrete segment. Feature 3 (F3) is 12-foot-wide by 21-foot-long by 1.5-inch-thick concrete pad with embedded railroad rails and metal screws. The rails are perpendicular to the grade which was used as a spur line of the Biola Branch for crop pick-up.

***P3b. Resource Attributes:** HP11 Engineering Structure

***P4. Resources Present:** ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**



P5b. Description of Photo: Flow-control irrigation box with gate (F1), concrete distribution culvert (F2), and segment of the Biola Branch extension railroad grade, looking south.

***P6. Date Constructed/Age and Sources:** 1929/1930 (date inscribed on culverts)
☐ Prehistoric ☒ Historic ☐ Both

***P7. Owner and Address:** Biola Community Services

***P8. Recorded By:** Annie McCausland, Applied EarthWorks, Inc. Hemet, CA

***P9. Date Recorded:** May 21, 2018

***P10. Survey Type:** ☒ Intensive ☐ Reconnaissance ☐ Other
Describe:

***P11. Report Citation:** Jessica Jones, Mary Baloian, and Annie McCausland 2018 *Cultural Resource Inventory for the Biola Community Services District Recycled Water Improvements Feasibility Study, Fresno County, California.* Applied EarthWorks, Inc. Fresno, California. Prepared for Crawford and Bowen Planning, Inc., Visalia, California.

***Attachments:** ☐ NONE ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet
☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record
☐ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list):



(F1) Flow-control irrigation box, looking inside, facing south.



Standpipes connected to the irrigation distribution system, facing north.



(F2) Irrigation distribution culvert aprons and railroad grade, facing north.



(F3) Concrete pad with railroad tracks, facing north.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
UPDATE
Primary # 10-003930
HRI #/Trinomial CA-FRE-3109H

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code

B1. Historic Name: Biola Branch Extension Railroad

B2. Common Name: Biola Branch

B3. Original Use: Transportation and irrigation **B4. Present Use:** No longer in use

***B5. Architectural Style:** N/A

***B6. Construction History (construction date, alterations, and dates of alterations):** Historical aerial photographs demonstrate that the land within the study area has been under agricultural cultivation since at least 1937 (Agricultural Adjustment Administration 1937). USGS topographic maps do not depict any buildings or structures on the subject properties. Historical maps and aerial photographs also reveal that the parcel containing the WWTP gets its asymmetrical wedge shape from the curve of the historical railroad that begins to turn from west to south at its northeast corner. The Biola Branch was constructed in two stages. The first 8.5 miles of the line was built in 1913 (Palmer 2009). It is visible on the 1913 Fresno County Atlas and the 1923 USGS Biola 7.5-minute quadrangle just east of Howard Avenue—outside the study area—extending eastward along what is now Gettysburg Avenue to its eventual connection with the Southern Pacific main line at Biola Junction in Fresno. Construction of the rest of the branch line, between Biola and Kerman, was completed in 1930 (Palmer 2009). The subject irrigation distribution system was constructed in 1929 most likely by the Southern Pacific Railroad who purchased the subject lots, 9 and 10 of the Sycamore Ranch Tract (1929 is inscribed on the culvert; Progressive Map Service 1935).The 1935 Fresno County Atlas, an aerial photograph from 1937and topographic maps dated 1946 and later show the railroad branch in its present alignment as well as the subject irrigation distribution system (Agricultural Adjustment Administration 1937; USGS 1923, 1946). Topographic maps dated 1985 and later denote the railway west of Howard Avenue as decommissioned (USGS 1985).The Southern Pacific Railroad purchased the Biola Branch in 1936 (Clough 1986:250). Segments of the Biola Branch were abandoned as early as 1956, and the entire branch line was abandoned in 1985 (Palmer 2009).

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** None

B9. a. Architect: Unknown **b. Builder:** Southern Pacific Railroad Company

***B10. Significance:** Theme: Transportation/Agriculture Area: Fresno County
Period of Significance: 1929-1930 Property Type: Railroad/Agriculture Applicable Criteria: A/1
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Historic Context: From the late nineteenth century up to the first decade of the twentieth century, the large parcels around the study area and the future townsite of Biola supported grain farms, which were irrigated by the nearby Herndon Canal (Guard 1909:24; Vandor 1919:780, 783). By the time the 1913 Fresno County atlas was issued, the town of Biola had emerged, owing its existence to the subdivision of the surrounding properties into Thompson grape vineyard lots (Progressive Map Service 1913:24, 87). Biola got its name from William Kerckhoff, one of the first owners of the San Joaquin Power Company. Kerckhoff wanted to pay homage to his favorite academic institution, the Bible Institute of Los Angeles (Clough 1986:250; Durham 2001:27), which also embraced the acronym and today is known as Biola University. The Villa Land Company built a fruit packing plant in Biola, which was later leased by the California Associated Raisin Company (Vandor 1919:988). By late 1913, Biola had become a productive agricultural center for Thompson grapes. Biola boosters advertised the city in the *Fresno Bee* as the "largest Thompson growing section in the raisin belt" due to the areas white ash soil and ample water supply (City of Biola Boosters 1923). To expedite the movement of goods from Biola across Fresno County, the Fresno Traction Company financed construction of a branch line running west from the Biola Junction on the Southern Pacific's main Central Valley Line in Fresno for 8.5 miles to the community of Biola. This segment became known as the Biola Branch. The line was immediately leased to the Southern Pacific Railroad Company. From 1929-1930 the Southern Pacific Railroad Company extended the branch line 4 miles southward to link Biola with Kerman (Palmer 2009; Progressive Map Service 1913:24; USGS 1946). The Company also paid for other infrastructure needs to support the new extension including a $39,000 safety subway on White's Bridge Avenue in Kerman (Fresno Bee 1930). The Southern Pacific Railroad Company purchased the Biola Branch in 1936 (Clough 1986:250). Segments of the Biola Branch were abandoned as early as 1956, and the entire branch line was abandoned in 1985 (Palmer 2009).

Significance Evaluation:

Criterion A/1. The Biola Branch extension railroad influenced the growth of the cities of Biola and Kerman as well as the Thompson grape industry. The grape industry was one of the most productive in the fruit belt of the Central Valley. The Branch line allowed farmers to transport their crops directly to the Fruit Packing Plant in Biola. The Branch was constructed to support agriculture and this is clearly represented by the subject irrigation distribution system that was constructed as a feature of the railroad extension. A reliable irrigation system paired with a nearby railroad was a strong selling point for family farmers to purchase lots within these rural communities. For these reasons, the Biola Branch Extension railroad is considered historically significant at the local (regional) level under Criterion A/1. The period of significance is 1929 when the Biola Branch extension was constructed until 1956, when the Branch was decommissioned.

Criterion B/2. The subject properties were owned by several farming families in the twentieth century none of which were historically significant at a national, state, or local level. The subject resource is not associated with any person(s) of historical significance therefore it is not considered historically significant under Criterion B/2.

Criterion C/3. The subject resource consists of typical irrigation and railroad technologies during the early twentieth century. There is no evidence that the subject resource represents a new method of construction, an innovative design, or use of a novel technology. This segment of the Biola Branch extension railroad is not considered historically significant under Criterion C/3.

Criterion D/4. This Criterion is most relevant for archaeological sites, but it can be apply to built-environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, historical information about railroads and irrigation systems is prevalent, and further study would clearly not add any new information. The Biola Branch extension railroad and associated irrigation system is not considered significant under Criterion D/4.

Integrity. This section addresses whether the portion of the subject resource, the Biola Branch extension railroad and the associated irrigation system features, retain sufficient integrity to convey their local historical significance under Criterion A/1. This evaluation follows the seven aspects of integrity described by the National Park Service: location, setting, association, materials, workmanship, design and feeling (National Park Service 2002). The location of the remaining railroad grade is not 100% aligned with the historic Biola Branch extension railroad. The grade was altered when the Biola Community Services Waste Water Treatment Plant was constructed in 1964. Vineyards border the recorded resource to the north and to the west but the vineyards to the south are no longer extant due to the Waste Water Treatment Plant that was constructed in 1964. Integrity of setting is has also been affected for the same reasons. The railroad tracks are no longer extant which has diminished the resource's association with the Biola Branch. The basic elements of the railroad including rails and ties are no longer extant which creates a lack of integrity under materials, workmanship and design. Integrity of feeling is also lacking due to the adjacent Waste Water Treatment Plant and the loss of railroad materials and aspects of engineering. The recorded segment lacks integrity of location, setting, association, workmanship, materials, design, and feeling. Overall, the recorded segment of the Biola Branch extension railroad and associated irrigation system does not retain sufficient integrity to convey its significance under Criterion A/1.

B11. Additional Resource Attributes (list attributes and codes):

***B12. References:**

Agricultural Adjustment Administration

1937 Fresno County, California, Aerial Survey 1937 13-ABI 51-44, http://cdmweb.lib.csufresno.edu/cdm/singleitem/collection/aerial/id/1178/rec/1, accessed through Map and Aerial Locator Tool (MALT), Henry Madden Library, California State University, Fresno, July 11, 2017.

1987 Fresno County, California, Aerial Survey 1987 NAPP 472-102, http://cdmweb.lib.csufresno.edu/cdm/singleitem/collection/aerial/id/7667/rec/1, accessed through Map and Aerial Locator Tool (MALT), Henry Madden Library, California State University, Fresno, July 11, 2017.

1998 Fresno County, California, Aerial Survey 1998 NAPP 10560-128, http://cdmweb.lib.csufresno.edu/cdm/singleitem/collection/aerial/id/18833/rec/1, accessed through Map and Aerial Locator Tool (MALT), Henry Madden Library, California State University, Fresno, July 11, 2017.

*B12. References (cont.):

Clough, Charles W.
1986 *Fresno County—In the 20th Century: From 1900 to the 1980s*, edited by Bobbye Sisk Temple. Panorama West Books, Fresno, California.

Clough, Charles W., and William B. Secrest Jr.
1984 *Fresno County—The Pioneer Years: From the Beginnings to 1900*, edited by Bobbye Sisk Temple. Panorama West Books, Fresno, California.

Durham, David L.
2001 *Durham's Place-Names of Central California.* Quill Driver Books/Word Dancer Press, Clovis, California.

Elliot, Wallace W.
1882 *History of Fresno County, California.* Wallace Elliot and Company, San Francisco, California.

City of Biola Boosters
1923 "Biola: the Largest Thompson Growing Section in the Raisin Belt." September 27, 1923. *Fresno Bee*. Fresno,California.

Fresno Bee
1930 "Grade Crossing Eliminated." February 28, 1930. *Fresno Bee*. Fresno, California.

Fresno County Recorder
1950 Deed for portions of lots 7, 8, 9, and 10 of the Sycamore Ranch Tract. Charles W. Brithaupt to Earl Stoops.

1964 Deed for portion of lot 9 of the Sycamore Ranch Tract. Southern Pacific Railroad to Biola Community Services.

Guard, W.C.
1909 *Atlas of Fresno County*. W.C. Guard, Fresno, California. Available for reference at the Fresno County Public Library.

1911 *Atlas of Fresno County*. W.C. Guard, Fresno, California. Available for reference at the Fresno County Public Library.

1913 *Atlas of Fresno County*. W.C. Guard, Fresno, California. Available for reference at the Fresno County Public Library.

Hall, Richard D.
1986 Agriculture and Water. In *Fresno County in the 20th Century: From 1900 to the 1980s*, edited by Bobbye Sisk Temple, pp. 169–202. Panorama West Books, Fresno, California.

Harvey, William
1907 *Atlas of Fresno County California.* Available for reference at the Fresno County Public Library.

Mead, Elwood
1901 *Irrigation Investigations in California.* U.S. Department of Agriculture Office of Experiment Stations Bulletin No. 100. Government Printing Office, Washington, D.C.

National Park Service (NPS)
2002 *How to Apply the National Register Criteria for Evaluation.* Revised. U.S. Department of the Interior, National Park Service, Cultural Resources, National Register, History, and Education, Washington D.C.

Palmer, Mike
2009 Biola Junction to Kerman: The Biola Branch, http://www.abandonedrails.com/Biola_Branch, accessed May 20, 2018.

Progressive Map Service
1920 Progressive Atlas of Fresno County. Progressive Map Service, Fresno, California. Available for reference at the Fresno County Public Library.

1935 Progressive Atlas of Fresno County. Progressive Map Service, Fresno, California. Available for reference at the Fresno County Public Library.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION UPDATE
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # 10-003930
HRI #/Trinomial CA-FRE-3109H
*NRHP Status Code

*B12. References (cont.):

TFP Engineers
1996 *Biola Community Services District, Water Treatment Plant: Existing Treatment Facility Demolition and Improvement Plan.* TFP Engineers, Merced, California.

1964 *Sewage Treatment Plant Plans*. TFP Engineers, Merced California.

Thompson, Thos. H.
1891 *Official Historical Atlas of Fresno County*. Available for reference at the Fresno County Public Library.

U.S. Agricultural Stabilization and Conservation Service
1973 Fresno County, California, Aerial Survey 1973 06019 273-182 L, http://cdmweb.lib.csufresno.edu/cdm/singleitem/collection/aerial/id/8173/rec/1, accessed through Map and Aerial Locator Tool (MALT), Henry Madden Library, California State University, Fresno, July 11, 2017.

U.S. Geological Survey (USGS)
1923 *Biola, Calif.*, 1:31,680 scale. U.S. National Geologic Map Database, Historical Topographic Map Collection (topoView), https://ngmdb.usgs.gov/topoview/, accessed May 20, 2018.

1946 *Biola, Calif.*, 1:24,000 scale. U.S. National Geologic Map Database, Historical Topographic Map Collection (topoView), https://ngmdb.usgs.gov/topoview/, accessed May 20, 2018.

1985 *Biola, Calif.*, 1:24,000 scale. U.S. National Geologic Map Database, Historical Topographic Map Collection (topoView), https://ngmdb.usgs.gov/topoview/, accessed May 20, 2018.

Vandor, Paul E.
1919 *History of Fresno County, California, with Biographical Sketches: The Leading Men and Women of the County Who Have Been Identified with Its Growth and Development from the Early Days to the Present*, Vol. 2. Historic Record Company, Los Angeles, California

B13. Remarks:

*B14. Evaluator: Annie McCausland
Date of Evaluation: May 2018

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

UPDATE

Primary # 10-003930
HRI #/Trinomial CA-FRE-3109H

 Resource Name or #: Biola Branch Extension Railroad

L1. **Historic and/or Common Name:** The Biola Branch of the Southern Pacific Railroad

L2a. **Portion Described:** ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**

b. Location of point or segment: The north end of the segment is 0.5 mile south of the intersection of West Shaw Avenue and Howard Avenue, immediately west of Howard Avenue in west-central Fresno County.
North End: 230136 **mE**/4077013 **mN**; **South End**: 229765 **mE**/4076822 **mN**

L3. **Description:** The recorded railroad grade segment is 1,417 feet long and 14 feet wide. It forms the midsection curve of the now-abandoned Biola Branch railroad grade. The identified segment is also the boundary of the Biola Community Services District Wastewater Treatment Plant (WWTP). Specifically, the segment extends west from the northeast corner of the WWTP and curves west-southwest, ending at the southwest corner of the WWTP. No ballast, ties, spikes, or rails were observed on the historical railroad grade; however, three associated features were discovered immediately adjacent to the recorded segment.

L4. **Dimensions: a. Top Width:** 14 feet **b. Bottom Width:** N/A **c. Height or Depth:** N/A **d. Length of Segment:** 1,417 feet **e. Sketch or Cross Section** ☒ none

L5. **Associated Resources:** **Feature 1 (F1)** is a concrete flow-control irrigation box with metal release gate and ground water valve. The handle of the release gate has the trademark inscription "Armco 3715" and the ground water valve has "Martin Iron Works- Roll Opening Valve -Los Angeles, CA" inscribed on the cap. When the concrete was poured for the box, someone used their finger to write "5891" on the south facing lip. The box retains water and looks to be connected to the underground water mains on the property north of the project area. **Feature 2 (F2)** is a 49-foot –long concrete irrigation distribution culvert, with a 14-foot-wide by 3.5-foot-tall concrete apron on its north and south openings. The culvert is bisected by the railroad grade and fence line. The date "1929" is embossed on both the north and south concrete aprons. The southern apron has a contemporary concrete segment. **Feature 3 (F3)** is 12-foot-wide by 21-foot-long by 1.5-inch thick concrete pad with embedded railroad rails and metal screws. The rails are perpendicular to the grade which was used as a spur line of the Biola Branch for crop pick-up.

L6. **Setting:** Rural/Industrial

L7. **Integrity Considerations:** The remaining railroad grade was altered when the Biola Community Services WWTP was constructed in 1964 and is not 100 percent aligned with the historic Biola Branch extension, affecting integrity of location. Vineyards border the recorded resource to the north and to the west but the vineyards to the south are no longer extant due to the WWTP. Integrity of setting also has been affected for the same reasons. The basic elements of the railroad including rails and ties are no longer extant which diminishes association with the Biola Branch and integrity of materials, workmanship, and design. Integrity of feeling is also lacking due to the adjacent WWTP and the loss of railroad materials and aspects of engineering. The recorded segment lacks integrity of location, setting, association, workmanship, materials, design, and feeling. Overall, the recorded segment of the Biola Branch extension railroad and associated irrigation system does not retain sufficient integrity to convey its significance under Criterion A/1.

L8a. **Photo, Map, or Drawing:**



L8b. **Description of Photo, Map, or Drawing:** Overview of historical railroad alignment, facing west.

L9. **Remarks:**

L10. **Form Prepared By:** Jessica Jones and Annie McCausland

L11. **Date:** June 2018

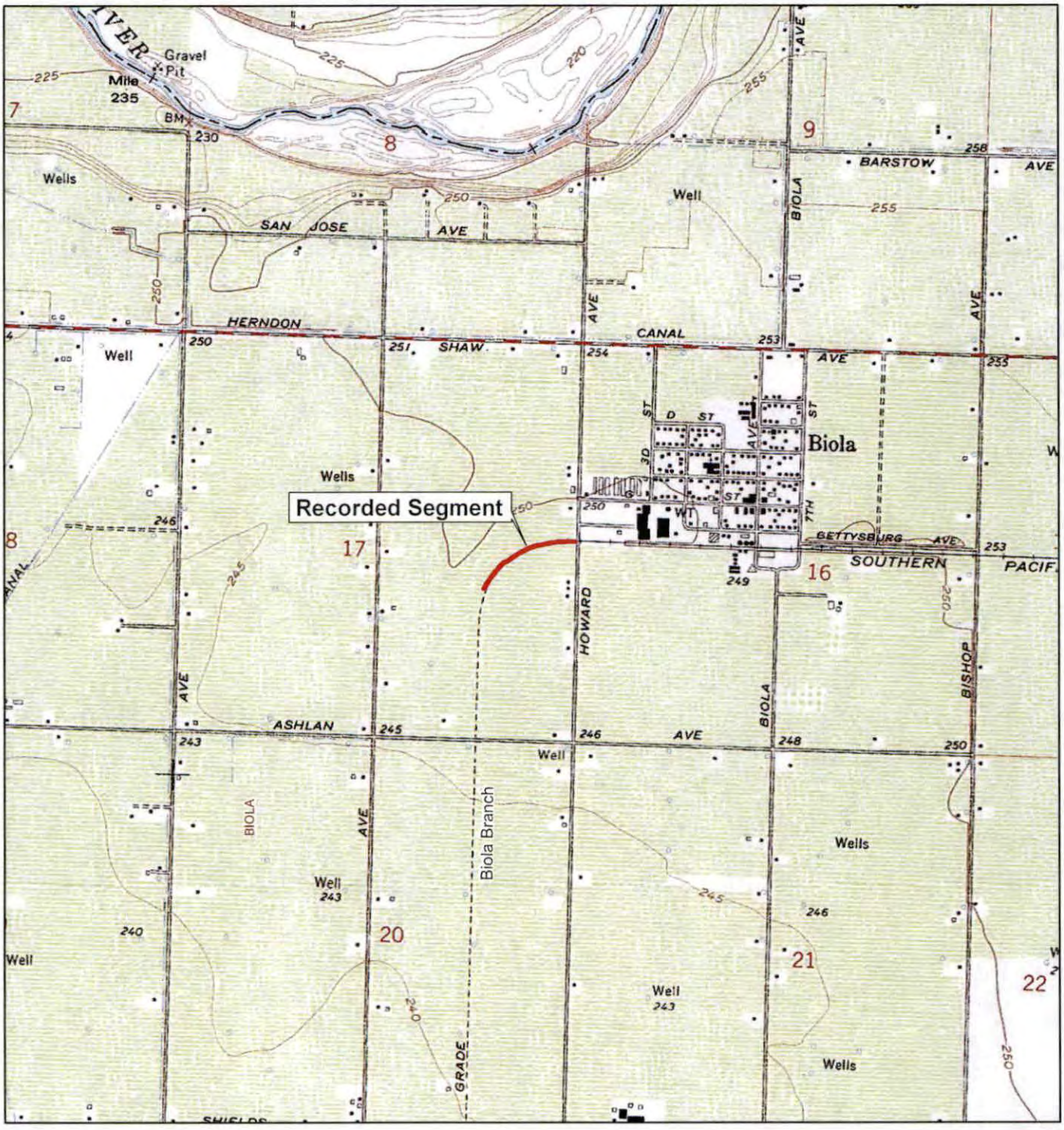
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

UPDATE

Primary # 10-003930
HRI#
Trinomial CA-FRE-3109H

Page 9 of 10 **Resource Name or #:** Southern Pacific Biola Branch Extension Railroad **Scale:** 1:24,000

Map Name: Biola, CA, USGS 7.5' quadrangle **Date:** 1963 (1978)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

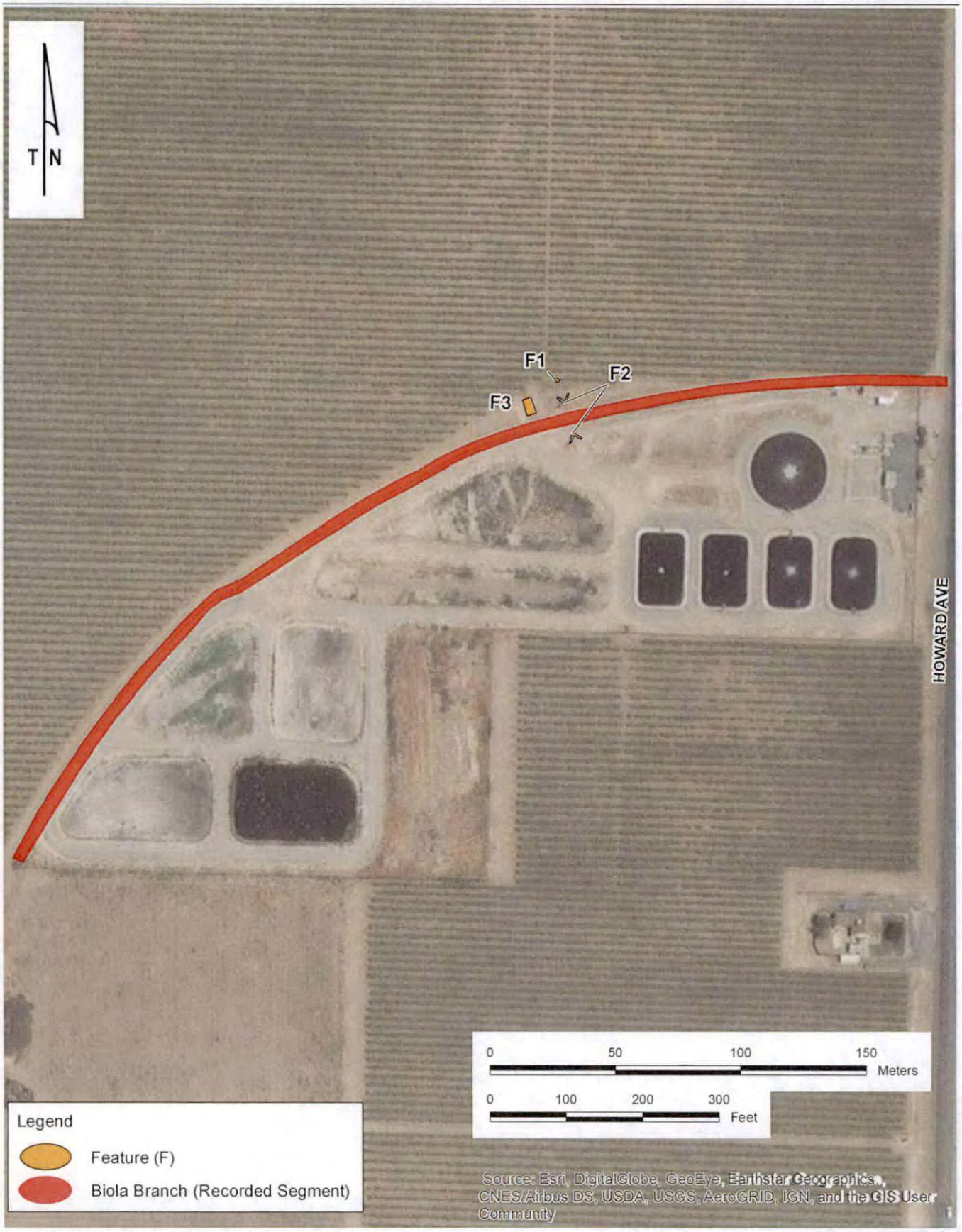
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

UPDATE

Primary # 10-003930
HRI#
Trinomial CA-FRE-3109H

Page 10 **of** 10 ***Resource Name or #:** Southern Pacific Biola Branch Extension Railroad

***Drawn by:** J. JONES ***Scale:** 1 inch equals 55 meters ***Date of map:** 09/01/2017



SUPPLEMENT

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # Southern Pacific Railroad—Goshen Division (segment)

P1. Other Identifier: San Joaquin Valley Railroad

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Huron, CA **Date:** 1956 (1971) T 20S, R 17E; Section 1, 12 Mt. Diablo **B.M.**
c. Address: n/a
d. UTM: NAD 83, Zone 10N; See Linear Feature Record
e. Other Locational Data: The recorded segment stretches between Siskiyou Avenue and Madera Avenue, just east-northeast of the city of Huron in southwestern Fresno County. It briefly parallels Palmer Avenue east of Siskiyou and then continues on a diagonal line northeast.

***P3a. Description:** This is a previously unrecorded segment of the Goshen Division, a branch line built by the Southern Pacific Railroad in 1877 connecting Fresno County to the San Francisco Bay Area. The Goshen Division connects Goshen to Huron, spanning approximately 40 miles in a general east to west direction. The line was extended westward in 1888 to reach Pleasant Valley where coal had been discovered in the nearby foothills. See Linear Feature Record for description of this recorded segment.

***P3b. Resource Attributes:** HP11 Engineering structure.

***P4. Resources Present:** ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**



P5b. Description of Photo: Railroad with the current Huron Water Treatment Plant in the background; facing south.

***P6. Date Constructed/Age and Sources:**
☐ Prehistoric ☒ Historic ☐ Both

***P7. Owner and Address:**
Union Pacific Railroad
1400 Douglas Street
Omaha, NE 68179

***P8. Recorded By:** J. Tibbet
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711

***P9. Date Recorded:** 6/14/16

***P10. Survey Type:** ☐ Intensive
☒ Reconnaissance ☐ Other
Describe: Windshield survey along road adjacent to stone ballast berm supporting the railroad.

***P11. Report Citation:** Asselin, Katie, and Randy Baloian
2016 Cultural Resources Inventory for the City of Huron Recycled Wastewater Project, Fresno County, California. Applied Earthworks, Inc., Fresno, California. Prepared for Crawford and Bowen Planning, Inc., Visalia, California.

***Attachments:**
☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet
☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record
☐ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list):

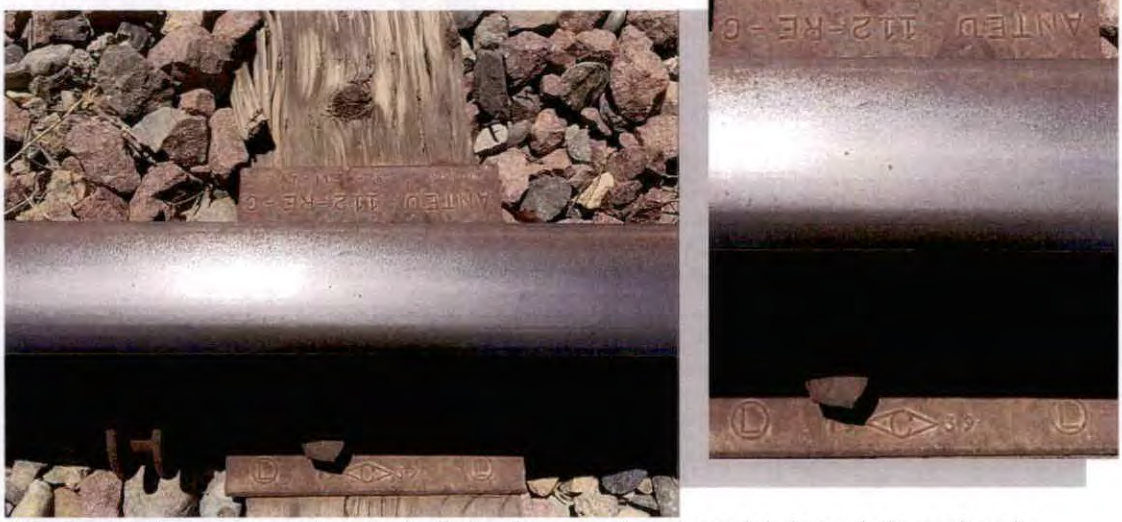
***P5a. Photograph or Drawing (continued):**



P5b. Description of Photo: Railroad crossing Siskiyou Avenue at southwest end of recorded segment, facing southwest.



P5b. Description of Photo: Northeast end of recorded segment at Madera Avenue features a concrete and steel swinging access gate on the tracks, facing southwest



P5b. Description of Photo: Detail of rail showing a weathered wood tie beneath the track and a steel plate with a maker's mark.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H

 Resource Name or #: Southern Pacific Railroad, Goshen Division (segment)

L1. Historic and/or Common Name: Southern Pacific Railroad, Goshen Division; San Joaquin Valley Railroad

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**

b. Location of point or segment: **UTM:** NAD83; Zone 10N:
222594 **mE** / 4011646 **mN** (SW end of segment; Intersection of Palmer and Siskiyou avenues)
224218 **mE** / 4012305 **mN** (NE end of segment; Intersection of Palmer and Madera avenues)

L3. Description: The recorded segment is approximately 1 mile long oriented northeast to southwest between Madera Avenue and Siskiyou Avenue in Fresno County. It is a steel standard-gauge railroad supported by wood ties on a stone ballast berm resting approximately 3 feet above the road grade. At some sections along this recorded segment, the railroad is level with the road and not on a berm. Modern warning signals and signs line the segment, and a concrete gate crosses the railway at Madera Avenue (see Continuation Sheet). Two sets of utility lines bisect the railroad right-of-way, one at Siskiyou Avenue, and one just northeast of Siskiyou Avenue, leading directly to homes north of the railway. Within this recorded segment, a heavily dented steel pipe protruding from the ground was observed (see below). It is approximately 1.5 feet tall and 10 inches in diameter on the south side of the railroad within the right-of-way.

L4. Dimensions:
a. Top Width: 5 feet 2 inches (rail width)
b. Bottom Width: 21 feet (grade width)
c. Height or Depth: 0–3 feet above ground level (berm)
d. Length of Segment: 1.08 miles

L4e. Sketch or Cross Section ☐ attached ☒ none **Facing:**

L5. Associated Resources: None.

L6. Setting: Rural; west side of Fresno County.

L7. Integrity Considerations: The entire rail in the segment remains intact. Spaces are noticeable between some of the rails, the wood ties are weathered, and several railroad spikes have become loose or are missing.

L8a. Photo, Map, or Drawing:



L8b. Description of Photo, Map, or Drawing: Railroad with steel pipe coming out of the ground within the railroad right-of-way; facing north.

L9. Remarks:

L10. Form Prepared By: Josh Tibbet

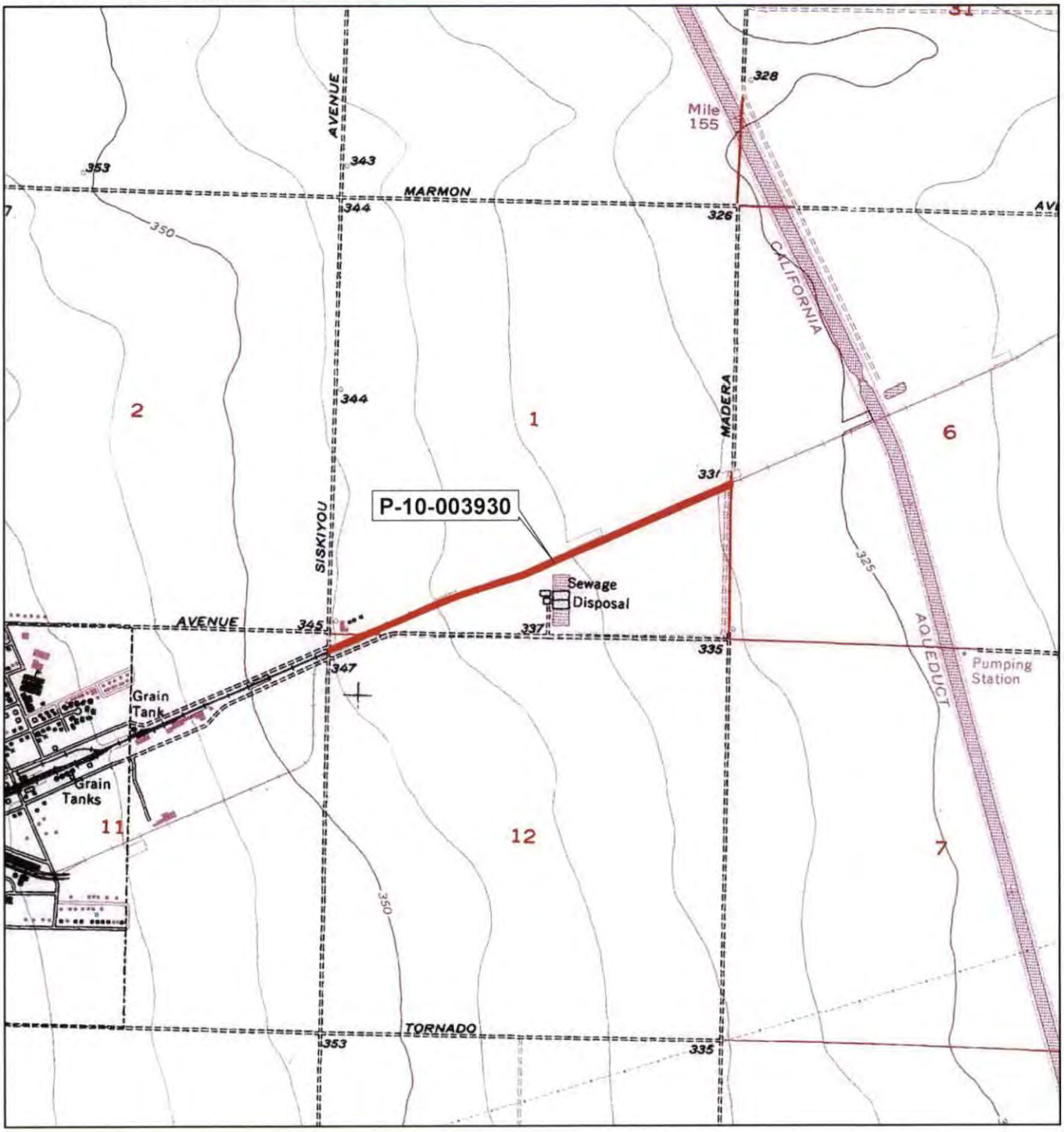
L11. Date: 6/14/16

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # 10-003930
HRI#
Trinomial CA-FRE-3109H

 Resource Name or #: Southern Pacific Railroad- Goshen Division; Recorded Segment **Scale:** 1:24,000

Map Name: Huron, CA, USGS 7.5' quadrangles **Date:** 1956 (1971)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # San Pablo and Tulare Extension Railroad (CA-STA-350H/P-50-000001)

P1. Other Identifier: Southern Pacific Railroad West Side Line; San Joaquin Valley Railroad

***P2. Location:** **a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Firebaugh, CA (Recorded Segment) **Date:** 1956 (1984) T13S/R14E; Section 14 M.D. **B.M.**
c. Address:
d. UTM: NAD 83, Zone 10; 195446 **mE** / 4077435 **mN** (north end of segment)
195572 **mE** / 4077238 **mN** (south end of segment)
195511 **mE** / 4077332 **mN** (intersection of railroad and canal)
e. Other Locational Data: From the town of Mendota, proceed northwest on Highway 33 for approximately 3 miles to where the railroad and the First Lift Canal cross the highway.

***P3a. Description:** Built in 1888 by the Southern Pacific Railroad Company, the San Pablo and Tulare Extension Railroad connected Tracy in San Joaquin County with Armona in Kings County. Approximately 140 miles in total length, it was the first such line to be constructed through the West Side of the San Joaquin Valley.

***P3b. Resource Attributes:** HP11 Engineering structure

***P4. Resources Present:** ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**



P5b. Description of Photo: Looking southeast; Highway 33 in right background

***P6. Date Constructed/Age and Sources:** 1888, District Court of the United States (1915:1295)
☐ Prehistoric ☒ Historic ☐ Both

***P7. Owner and Address:**
Union Pacific Railroad
Omaha, NE

***P8. Recorded By:** Randy Baloian
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711

***P9. Date Recorded:** August 17, 2015

***P10. Survey Type:** ☒ Intensive ☐ Reconnaissance ☐ Other
Describe:

***P11. Report Citation:**
Lloyd, Jay B., and Randy Baloian
2015 *Cultural Resources Inventory and Evaluation for the First Lift Canal Relining Project—Shaw Avenue to Highway 33, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for the Firebaugh Canal Water District, Mendota, California.

***Attachments:**
☐ NONE
☒ Building, Structure, and Object Record
☐ Photograph Record
☒ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☐ Sketch Map
☐ District Record
☐ Rock Art Record
☐ Continuation Sheet
☒ Linear Feature Record
☐ Artifact Record

*Required Information

B1. Historic Name: San Pablo and Tulare Extension Railroad

B2. Common Name: Southern Pacific West Side Line

B3. Original Use: Railroad **B4. Present Use:** Same

***B5. Architectural Style:** n/a

***B6. Construction History (construction date, alterations, and dates of alterations):** In 1887, Charles Crocker and other principals of the Southern Pacific Railroad formed the San Pablo and Tulare Extension Railroad Company to lengthen the line of the San Pablo and Tulare Railroad (which runs from Martinez in Contra Costa County to Tracey in San Joaquin County) (District Court of the United States 1915:1294-1295). Built in 1888, the 140-mile railroad connected Tracy with Armona (in present-day Kings County), linking together numerous West Side communities and stations. In that same year, both railroads, along with about 18 other related California railway companies, were formally consolidated into the Southern Pacific Railroad Company (*Sacramento Daily Record-Union* 1888).

Sometime between 1891 and 1907 (likely in the mid-1890s), the company built a spur connecting Kerman and Fresno. The short line passed through the hamlet of Rolinda, about 5 miles northeast of Kerman.

By the time of the 1947 USGS Kerman, CA 7.5 quadrangle, the southern reaches of the railroad between Kerman and Armona had been removed.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

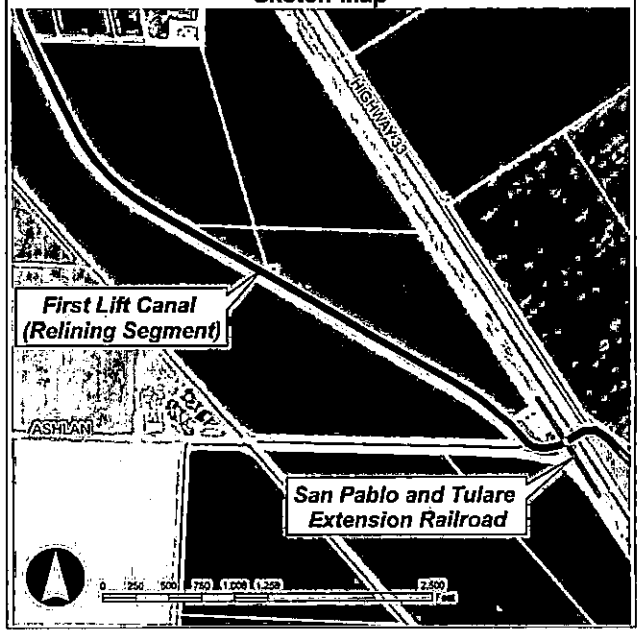
***B8. Related Features:**

B9. a. Architect: n/a **b. Builder:** San Pablo and Tulare Extension Railroad Company, Southern Pacific Railroad Company

***B10. Significance:** Theme: Transportation/Agriculture Area:
Period of Significance: 1872–1896 Property Type: Railroad Applicable Criteria: A/1
Under the guidelines of the Office of Historic Preservation (1995), the railroad is recorded as a linear resource; this category also includes transmission lines, roads, canals, gas lines, and similar structures.

The early history of the railroad in California focuses on the dealings of four California businessmen—Leland Sanford, Collis P. Huntington, Mark Hopkins, and Charles Crocker, also known as the "Big Four"—whose Central Pacific Railroad (CPR) embarked on the construction the western leg of the Transcontinental Railroad in 1863. With the completion of that historic railroad in 1869, the Big Four next set out to build a railway network in California, which, until the end of the century, would monopolize all rail traffic in the state. The San Pablo and Tulare Extension Railroad Company was part of this late 19th century effort. In 1888, the subject resource along with various other related California railroads were consolidated into the Southern Pacific Railroad Company (*Sacramento Daily Record-Union* 1888).

Sketch Map



This space reserved for official comments.

***B10. Significance (cont.):** Despite its 140-mile length and association with the Southern Pacific Railroad, the historical relevance of the subject resource is, for the most part, best viewed at the local level. The San Pablo and Tulare Extension Railroad Company was one of several companies building similar lines throughout the state (*Sacramento Daily Record-Union* 1888). Contemporary sources do not suggest that it was particularly noteworthy among these other California railroads. Rather, its socio-economic impact as well as its historical significance appears most felt within the areas serviced by the railroad—namely, San Joaquin, Stanislaus, Merced, Fresno, and (until the mid-20th century) Kings counties.

The railroad obviously relates to the theme of transportation. Because it is a precondition or the essential infrastructure for practically all socio-economic developments, it is a theme that cross-cuts numerous other topics in history. Within Fresno and other valley counties, agriculture provided the impetus for the construction of roads and railroad as well as the establishment of steam boat transport along the San Joaquin River in the late 19th century. The valley's great productivity—which was the result of intensive irrigation and agricultural colonization—would have meant very little to valley farmers without a viable means to ship their commodities to the Bay Area and other markets.

For the purposes of this evaluation, the thematic period of significance is defined as 1872–1896. The year 1872 marks the date when the CPR's San Joaquin Valley Division reached Fresno County. The period of significance closes in 1896 when the competing San Francisco & San Joaquin Valley Railroad (later acquired by Atchison, Topeka and Santa Fe Railway) arrived in Fresno County and broke the Southern Pacific Railroad's monopoly in the Central Valley (Clough and Secrest 1984:333).

Criterion A/1. The network of railroads built by the Southern Pacific Railroad was an essential infrastructure in the developing California economy of the late 19th century. The San Pablo and Tulare Extension Railroad was built during this formative era and within the period of significance (1872–1896). It was the first along the West Side the second such line constructed in the Central Valley, following the CPR's San Joaquin Valley Division (i.e., the Central Valley mainline) by only 16 years. Unlike the case with its Central Valley mainline, which passed through a sparsely populated and undeveloped region at the time of its construction, the Southern Pacific appears to have been pulled to the West Side by the ever increasing economic weight and diverse endeavors of cattle barons Miller & Lux, as well as the prospects for agricultural growth in general. Its impact on the economy and demography of the West Side is unquestionable; to some extent, it opened new doors to commercial opportunities.

In Stanislaus County for instance, the new rail line not only fostered that county's wheat boom but resulted in the re-settlement of existing communities. Places like Crows Landing and Hills Ferry (which became Newman) moved from their original locations on the lower San Joaquin River to be nearer the rail head (Brotherton 1982). In Merced County, the railroad caused a similar exodus from old Los Banos (or Los Banos Village) eastward to its current site, where Miller & Lux built its company headquarters (Radcliffe 1940:146–147). Along with the Main Canal of the San Joaquin and Kings River Canal Company (a subsidiary of Miller & Lux), the San Pablo and Tulare Extension Railroad was an integral component in Miller & Lux's operations, serving as a modern and cost-effective means to ship cattle as well as dairy and farm products to the Bay Area.

Though perhaps less than initially anticipated, the effect of the railroad in Fresno County was nevertheless considerable. It led to the emergence of towns along its tracks, such as Mendota, Kerman, and Caruthers. Certainly, the primary objective of the San Pablo and Tulare Extension Railroad was to freight the growing output of agricultural products grown on the West Side. In this respect, it usually offered farmers a better alternative than shipping their crops through the rail station at Fresno or the riverboat port at Firebaugh, although, at times, the Southern Pacific's excessive and "ruinous" rates made the latter option more attractive. For the diaries around Riverdale and Caruthers, the West Side railroad's shorter transit time minimized spoilage in their shipments of milk and cream.

As mentioned above, agricultural colonization underlay much of the county's productivity. Even though the West Side of Fresno County lagged behind its eastern and southern parts in this respect, it is doubtful whether early 20th century subdivisions like the Tranquility Colony or the Garden Farms tracts and their nearby communities of Tranquility and San Joaquin would have occurred at all without the transportation infrastructure laid by the San Pablo and Tulare Extension Railroad two decades earlier. Along with a reliable irrigation system, a nearby rail head was a necessary selling point for family farmers seeking to purchase a small plot within these colonies.

Additionally, the railroad had other secondary and incidental effects. It provided better mail service, faster passenger travel, and the delivery of news and manufactured goods from the outside world and thus linked this otherwise remote region with the rest of the state.

For these reasons, the San Pablo and Tulare Extension Railroad is considered historically significant at the local (regional) level under Criterion A/1.

Criterion B/2. In order to be considered significant under Criterion B/2, a property must demonstrate direct association with a person of historical importance and illustrate that individual's important achievements (NPS 2002:14). As noted above, the Crocker and his three associates garner considerable national and state significance for their roles in the construction of the Transcontinental Railroad and California's early railway system. As its president, Crocker was intimately associated with the San Pablo and Tulare Extension Railroad Company. However, the subject resource is not particularly illustrative of Crocker's role in history. (Considering that industrialists like Crocker headed numerous enterprises, it would devalue the concept of historical significance if every property associated with an important person accrued significance under Criterion B/2. For this reason, the NPS [2002:15] advises that the evaluation process under this criterion should involve comparison of other properties "to identify those that best represent the person's historic contributions.") Crocker passed away in 1888, so it is questionable how much he over saw construction of the San Pablo and Tulare Extension Railroad Company or even if he saw the completion of the project. In this light, the western leg of the Transcontinental Railroad and the CPR San Joaquin Valley Division (i.e., the Central Valley mainline) would appear much more representative of Crocker's accomplishments than the subject resource.

Research identified no other personal associations that could be significant under this criterion. The San Pablo and Tulare Extension Railroad is not considered historically significant under Criterion B/2.

Criterion C/3. Significance under Criterion C/3, when applied to railroads and similar linear structures, is measured by distinctive or innovative design, new methods of construction, or use of novel technology. There is no evidence that the subject resource ever possessed such qualities. The San Pablo and Tulare Extension Railroad is thus not considered historically significant under Criterion C/3.

Criterion D/4. Criterion D/4 is most relevant for archaeological sites, but it can apply to built-environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, historical information about railroads is prevalent, and further study would clearly not add any new information. The San Pablo and Tulare Extension Railroad is thus not considered significant under Criterion D/4.

Application of the state and national significance criteria found that the San Pablo and Tulare Extension Railroad is significant under Criterion A/1. Schultz and Vanderslice (2007) previously recorded and evaluated a segment of the San Pablo and Tulare Extension Railroad in Stanislaus County. Their (abbreviated) evaluation also concluded that the railroad appeared significant under Criterion A/1 at the local level.

Considering that a linear resource can be quite lengthy, it can display varying levels of integrity; unlike significance, integrity cannot be assumed to be uniform across the entire extent of a linear resource. An assessment of the integrity of the segment of the railroad at its intersection with the First Lift Canal is provided on the Linear Feature Record.

B11. Additional Resource Attributes (list attributes and codes):

***B12. References:**

Brotheron, I. N. Jack
1982 *Annals of Stanislaus County, Volume 1: River Towns and Ferries.* Western Tanager Press, Santa Cruz, California.

Clough, Charles W., and William B. Secrest Jr.
1984 *Fresno County—The Pioneer Years: From the Beginnings to 1900*, edited by Bobbye Sisk Temple. Panorama West Books, Fresno, California.

District Court of the United States, District of Utah [Southern Pacific Company]
1915 United States of America, Petitioner, v. Southern Pacific Company, Central Pacific Railway Company et al., Defendants, Record, Vol. 3. Government Printing Office, Washington, D.C.

National Park Service (NPS)
2002 *How to Apply the National Register Criteria for Evaluation*. Revised. U.S. Department of the Interior, National Park Service, Cultural Resources, National Register, History, and Education, Washington, D.C. Accessed at www.nps.gov/history/nr/publications/bulletins/nrb15, July 2010.

Office of Historic Preservation
1995 *Instructions for Recording Historical Resources.* Sacramento, California.

Radcliffe, Corwin
1940 *History of Merced County.* A. H. Cawston, Merced, California.

Sacramento Daily Record-Union
1888 Full of People: Another Consolidation. 15 May:3. Sacramento, California.

Schultz, A., and A. Vanderslice
2007 Site Record for CA-STA-000350H/P-50-000001, San Pablo & Tulare Railroad. Carey & Co. On file, California Historical Resources Information System, Central California Information Center, California State University, Stanislaus.

B13. Remarks:

***B14. Evaluator:** Randy Baloian
Date of Evaluation: August 2015

Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H

 Resource Name or #: San Pablo and Tulare Extension Railroad (CA-STA-350H/P-50-000001)

L1. Historic and/or Common Name: San Pablo and Tulare Extension Railroad

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☒ Point Observation **Designation:**
b. Location of point or segment: 195511 mE / 4077332 mN (intersection of railroad and canal)

L3. Description: The recorded segment is a steel standard gauge railroad supported by wood ties on a stone ballast berm. Within this segment, the rails range between 50 and 60 feet long; they are linked together by grooved metal plates, set on either side of the rails and fastened to the rails with thick bolts and nuts. The ties, on average, measure 9 inches wide, 4 inches thick, and 7 feet long. A pile of discarded ties near the tracks suggests those within the recorded segment have been recently laid. The ties are affixed to the rails by railroad spikes hammered through a metal plate set between the ties and rail. Manufacturing dates on these plates indicate that they have been installed within the past 5 years.

L4. Dimensions:
a. Top Width: 4 feet 8.5 inches (rail width)
b. Bottom Width: 18 feet (grade width)
c. Height or Depth: 2.5–3.0 feet above ground level
d. Length of Segment: 900 feet

L4e. Sketch or Cross Section ☐ attached ☒ none **Facing:**

L5. Associated Resources: A disjointed and nonfunctioning communications line parallels the railroad to the east (between the road and tracks) and apparently dates to the historic-era (early to mid-20th century). This telephone or telegraph line may have been erected for the railroad's internal use or, alternatively, by a local communications utility.

A 40-foot-long culvert conveys water from the First Lift Canal under the railroad

L6. Setting: Rural/West Side of Fresno County

L7. Integrity Considerations: This discussion addresses whether the portion of the railroad at its intersection with the First Lift Canal retains sufficient integrity to convey the general significance of the original railroad. The evaluation employs the seven aspects of integrity described by the National Park Service (2002) in making this assessment.

Because the recorded segment maintains the same right-or-way since its construction in 1888, it retains excellent integrity of **location**. Typically, integrity of this aspect is a necessary but not sufficient condition for overall integrity.

Agricultural fields border much of the recorded segment, as they have done for the past 125 years. The First Lift Canal has flowed under the railroad since the late 1910s/early 1920s. Highway 33 is a modern roadway, located just 70 feet east of the railroad. Integrity of **setting** is average to above average.

The recorded segment displays some integrity of **association**, mainly because it still functions as a railway transporting freight to and from the Central Valley. What has change from the period of significance (1872–1896) is the payload. As mentioned above, the San Pablo and Tulare Extension Railroad was constructed primarily to transport agricultural goods. Today, this line is rarely (if ever) used to ship farm products, which are transported mainly by truck. From its construction to World War II, this line as well as railroads in general also represented a major means of long-distance transportation for people, yet passenger cars have long since been discontinued. For these reasons, the recorded segment is considered to possess only average integrity of association.

Photographs of railroads in general from the 19th century indicate that the configuration and components of the train track itself have changed very little since that time. The integrity of this enduring track **design** is—as in so many other railroad lines—found to be very high within the recorded segment.

By contrast, aspects of **materials** and **workmanship** are altogether missing from the recorded segment. The basic elements of the track—the iron rails, wooden ties, etc.—have been replaced numerous times since construction of the recorded segment. Field inspection found evidence that the components are continually replaced. Clearly, none of the line's materials date to the period of significance. Similarly, because of such updates, any evidence of the workmanship that went into construction of the original railroad has been lost from the recorded segment. Modern maintenance is achieve primarily through mechanized and automate means and very different than the labor intensive methods used in the railroad's construction.

Integrity of **feeling** essentially accounts for the other aspects in an intuitive and collective manner. The nearby asphalt road and the stream of modern automobile traffic serves as constant reminders of how much has changed since the railway's construction. A modern power line parallels the railroad to the west. Integrity of feeling is thus poor if not absent.

The recorded segment lacks integrity of workmanship, materials, and feeling and shows only average integrity of setting and association. It maintains excellent integrity of location and design, although these aspects are similarly found along most railroads through the country. Overall, the recorded segment of the San Pablo and Tulare Extension Railroad does not retain sufficient integrity to convey its significance under Criterion A/1. This finding is consistent with a previous evaluation of the railroad by Schultz and Vanderslice (2007), who considered that the segment they examined in Stanislaus County also lacked integrity.

L8a. Photo, Map, or Drawing:



L8b. Description of Photo, Map, or Drawing: Looking south at the three-pipe culvert carrying the First Lift Canal under the San Pablo and Tulare Extension Railroad.

L9. Remarks:

L10. Form Prepared By: Randy Baloian

L11. Date: August 2015

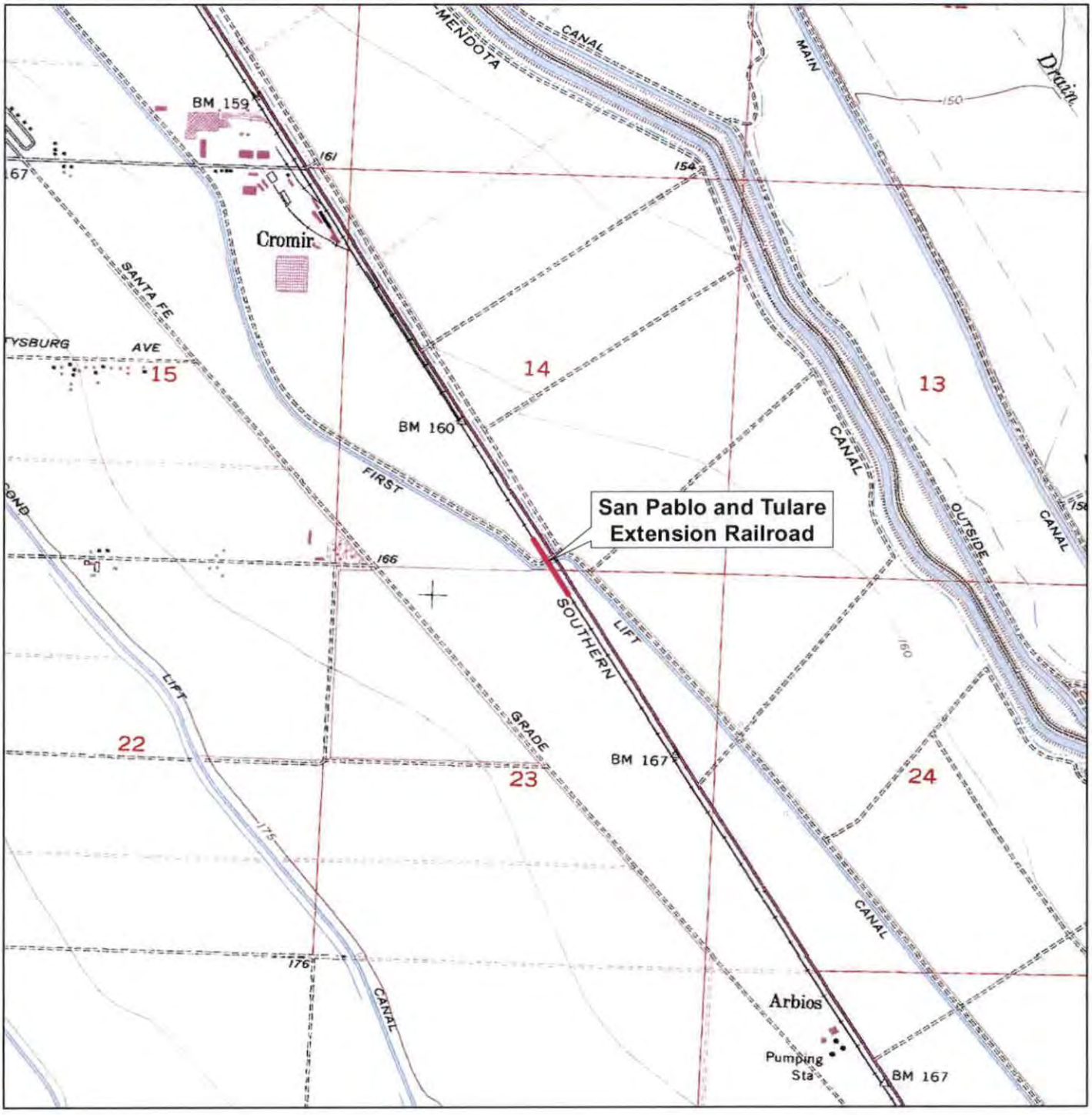
Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-003930
HRI#
Trinomial CA-FRE-3109 H

Page 8 **of** 8 **Resource Name or #:** San Pablo and Tulare Extension Railroad **Scale:** 1:24,000

Map Name: Firebaugh, CA, USGS 7.5' quadrangle **Date:** 1956 (1984)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code 6Z

Other Listings
Review Code | Reviewer | Date

 Resource Name or # AE-3043-BE-018

P1. Other Identifier: Hanford & Summit Lake Railway, Riverdale Branch of the San Joaquin Division of the Southern Pacific Railroad

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**

b. USGS 7.5′ Quad: (Recorded Segment) San Joaquin, CA; Jamesan, CA **Date:** 1963; 1963 (1978)
T15S, R16E; Sections 14, 15 M.D. **B.M.**

c. Address:

d. UTM: NAD 83, Zone 10; North End 208994 **mE** / 4068883 **mN**
South End 256167 **mE** / 4031880 **mN**

e. Other Locational Data: From the community of Tranquility, follow Colorado Road southeast for about 2.5 miles to Sumner Avenue. The recorded segment parallels Colorado Road for approximately 0.5 mile.

***P3a. Description** Built in 1912 (or shortly thereafter), the Hanford & Summit Lake Railway Company extends 42 miles between a former railroad stop at Ingle (10 miles west of Kerman) in Fresno County and Hardwick in Kings County.

***P3b. Resource Attributes:** HP11 Engineering structure.

***P4. Resources Present:** ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**



P5b. Description of Photo: Looking north at the recorded segment.

***P6. Date Constructed/Age and Sources:**
1912 (Robertson 1998:126)
☐ Prehistoric ☒ Historic ☐ Both

***P7. Owner and Address:**
Union Pacific Railroad
Omaha, NE

***P8. Recorded By:** Randy Baloian
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711

***P9. Date Recorded:** February 8 , 2015

***P10. Survey Type:** ☒ Intensive
☐ Reconnaissance ☐ Other
Describe:

***P11. Report Citation:**
Asselin, Katie, Randy Baloian, Aubrie Morlet, Michael Mirro, Jenn Whiteman, Josh Tibbet, and Mary Baloian
2015 *Cultural Resource Inventory and Evaluation for the Central Valley Power Connect Project, Fresno, Kings, and Madera Counties, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Pacific Gas and Electric Company, San Francisco, California.

***Attachments:** ☐ NONE ☒ Location Map (2) ☐ Sketch Map ☐ Continuation Sheet
☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record
☐ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list):

Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H
*NRHP Status Code 6Z«NRHP_Statu»

B1. Historic Name: Hanford & Summit Lake Railway

B2. Common Name: Riverdale Branch of the San Joaquin Division of the Southern Pacific Railroad

B3. Original Use: Railroad **B4. Present Use:** Railroad

***B5. Architectural Style:** n/a

***B6. Construction History (construction date, alterations, and dates of alterations):** Probably as a result of the agricultural development in the western part of Kings and Fresno counties, the Hanford & Summit Lake Railway Company built a line through these areas, which went into operation sometime around 1912 (Robertson 1998:126). The 42-mile railroad begins in Ingle (10 miles west of Kerman), passes through Riverdale, and terminates at Hardwick in Kings County. In 1917, the Southern Pacific Railroad acquired the Hanford & Summit Lake line. Some stops along this railroad, namely Tranquility and San Joaquin, eventually grew into small West Side communities. For a time during the early and mid-20th century, the Helm and Burrell stations were each surrounded by several (probably commercial) buildings but never matured into permanent towns. The stops Graham and Caldwell, mentioned by Vandor (1919:272), are absent from later USGS quadrangles, suggesting they were probably short-lived stations.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** none

B9. a. Architect: n/a **b. Builder:** Hanford & Summit Lake Railway

***B10. Significance:** Theme: transportation Area: West Side of Fresno County
Period of Significance: 1872 to 1896 Property Type: Railroad Applicable Criteria: None
Under the guidelines of the Office of Historic Preservation (1995), the railroad is recorded as a linear resource; this category also includes transmission lines, roads, canals, gas lines, and similar structures.

Based primarily on its relatively short (42 mile) length, the Hanford & Summit Lake Railway is evaluated within a local or county-wide geographical context. The railroad obviously relates to the theme of transportation. Because it is a precondition for so many socio-economic developments, it is a theme that cross-cuts numerous other topics in history. Within the history of Fresno County, agriculture provided the impetus for construction of roads and railroad as well as the establishment of steam boat routes in the late 19th century. The county's great productivity—which was the result of intensive irrigation and agricultural colonization—would have meant very little to valley farmers without a viable means to ship their commodities to the Bay Area and other markets.

For the purposes of this evaluation, the period of significance of the record segment is set at 1872–1896. In 1872, the San Joaquin Valley Division of the Central Pacific Railroad reached Fresno County. The end year of the period of significance is defined here as 1896 when the competing San Francisco & San Joaquin Valley Railroad (later acquired by Atchison, Topeka and Santa Fe Railway) arrived in Fresno County and broke the Southern Pacific Railroad's monopoly in the Central Valley (Clough and Secrest 1984:333).

Sketch Map



This space reserved for official comments.

*B10. **Significance (cont.): Criterion A/1/.** The historical significance (or lack thereof) of the Hanford & Summit Lake Railway is directly tied to the reasons for its construction. Beginning in 1909 with the platting of the Tranquility Colony, rancher Jefferson James began the decade-long process of converting his pasture to farm land (Guard 1911:21). Following his death in 1910, the Graham Farm Lands Company and the San Joaquin Valley Farm Land Company continued the process through numerous improvements, including additional subdivision, canals, and reclamation of overflow lands along the Fresno Slough (Walker 1920:57; Engh 1920:193, Poor's Publishing Co. 1922: 360). No doubt spurred by these developments, the Hanford & Summit Lake Railway Company built a line through the heart of these new agricultural colonies. Similar prospects for agricultural development had prompted the Southern Pacific Railroad to build a line through the San Joaquin Valley in the early 1870s.

Yet whereas the Southern Pacific's valley line represented a watershed event in county history, construction of the Hanford & Summit Lake Railway is seen historically only as a continued expansion of the rail network. The subject resource was constructed after the defined period of significance (1872–1896), as an adjunct between railroads built during this period. Moreover, the railway is associated with agricultural endeavors that are not historically significant. The agricultural colonies of the San Joaquin Valley Farm Land Company do not stand out among the numerous other canals and subdivisions created during the late 19th and early 20th centuries, particularly given that agricultural development of the county's West Side lagged behind that of its eastern side.

For these reasons, the Hanford & Summit Lake Railway is not considered historically significant under Criterion A/1.

Criterion B/2. Research identified no individual of historical import associated with the railroad. The Hanford & Summit Lake Railway is thus not considered historically significant under Criterion B/2.

Criterion C/3. Significance under Criterion C/3, when applied to railroads and similar linear structures, is measured by distinctive or innovative design, methods of construction, or use of technology. There is no evidence that the subject resource ever possessed such qualities. The Hanford & Summit Lake Railway is thus not considered historically significant under Criterion C/3.

Criterion D/4. Criterion D/4 is most relevant for archaeological sites, but it can apply to built-environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, historical information about railroads is prevalent, and further study would clearly not add any new information. The Hanford & Summit Lake Railway is thus not considered significant under Criterion D/4.

Because the Hanford & Summit Lake Railway is not considered historically significant under any of the four criteria, formal assessment of integrity is not necessary. Due to a lack of significance, the Hanford & Summit Lake Railway is not considered eligible for inclusion in the NRHP or CRHR.

B11. **Additional Resource Attributes** (list attributes and codes):

*B12. **References:**

Engh, P. B.
1920 Cutting Ditches to Cross Section with Dragline Excavators, II. Experience Gathered in Digging 50 Miles of Drain Ditches and Canals. *The Excavating Engineer* 14 (March to December):193-194.

Guard, W. C.
1909 *Atlas of Fresno County.* W. C. Guard, Fresno, California.

Poor's Publishing Co.
1922 *Moodys Manual of Railroad and Corporation Securities*, Twenty-Third Annual Number, Industrial Section (Volume II—K to Z). New York.

Robertson, Donald B.
1998 *Encyclopedia of Western Railroad History, Volume IV.* The Caxton Printers, Ltd., Caldwell, Idaho.

Vandor, Paul E.
1919 *History of Fresno County, California, with Biographical Sketches of the Leading Men and Women of the County Who Have Been Identified with Its Growth and Development from the Early Days to the Present.* 2 vols. Historic Record Company, Los Angeles, California.

Walker, H. D.
1920 *Walker's Manual of California Securities and Directory of Directors*, Twelfth Annual Number (June). San Francisco, California.

B13. Remarks:

***B14. Evaluator:** Randy Baloian
Date of Evaluation: May 2015

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H

 Resource Name or #: AE-3043-BE-018

L1. Historic and/or Common Name: Hanford & Summit Lake Railway/ Riverdale Branch of the San Joaquin Division of the Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:** AE-3043-BE-18
b. Location of point or segment: Sumner Avenue and Colorado Road in Fresno County (212589 **mE** / 4058054 **mN**)

L3. Description: The segment consists of a single set of standard gauge tracks set upon a grade of crushed stone ballast, raised about 3 feet above ground level. The welded steel rails are supported by standard wood ties.

L4. Dimensions:
a. Top Width:: 4 feet 8.5 inches (rail width)
b. Bottom Width: 20 feet (grade width)
c. Height or Depth: approximately 3 feet above ground level
d. Length of Segment: 4000 feet

L4e. Sketch or Cross Section ☐ attached ☐ none **Facing:**

L5. Associated Resources: none

L6. Setting: rural/West Side of Fresno County

L7. Integrity Considerations: The railroad retains its original alignment, but its materials (rails, ties, ballast, etc.) have been replaced since its construction in 1912

L8a. Photo, Map, or Drawing:

L8b. Description of Photo, Map, or Drawing: (See Primary Record)

L9. Remarks:

L10. Form Prepared By: Randy Baloian

L11. Date: May 2015

Supplement

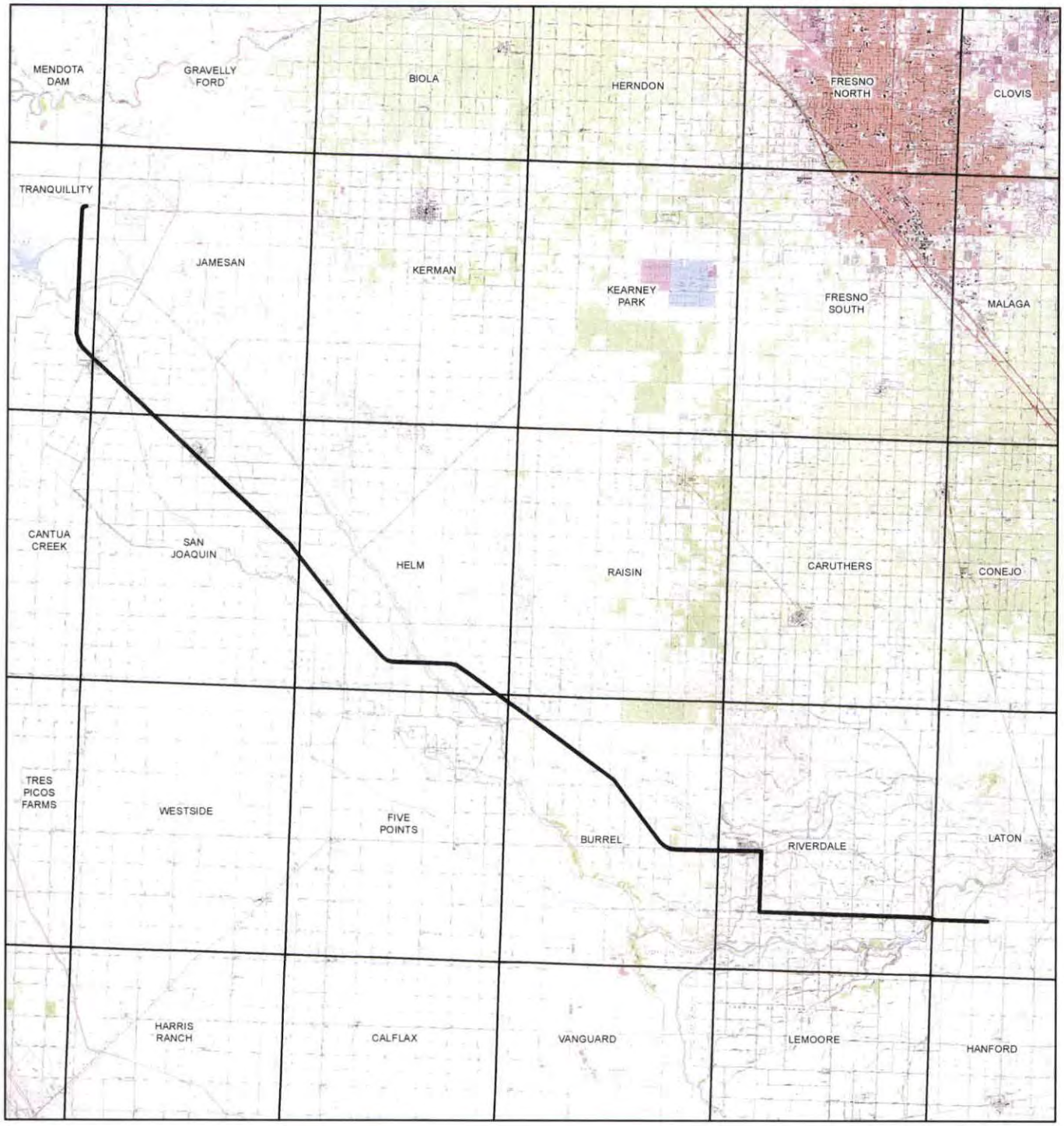
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-003930
HRI#
Trinomial CA-FRE-3109H

Resource Name or #: AE-3043-BE-018

Map Name: Multiple quadrangles

**Full extent of resource shown at reduced scale.



SCALE 1:308,300

10 5 0 10 Miles

13,000 0 13,000 26,000 39,000 52,000 65,000 78,000 91,000 Feet

10 5 0 10 Kilometers

TRUE NORTH

*Required information

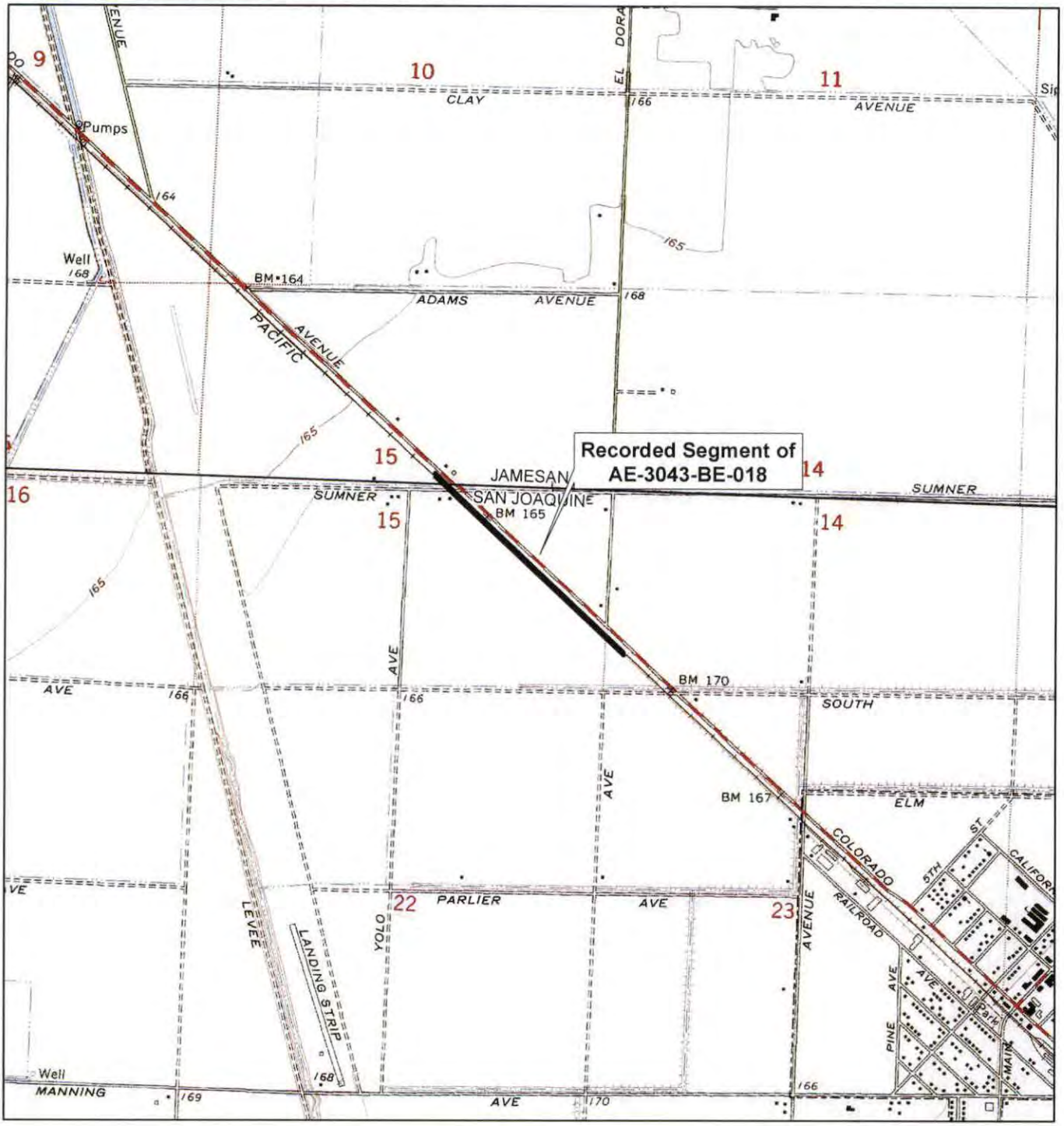
Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-003930
HRI#
Trinomial CA-FRE-3109H

Page 7 of 7 **Resource Name or #:** AE-3043-BE-018 **Scale:** 1:24,000

Map Name: San Joaquin, Jamesan, CA, USGS 7.5' quadrangle(s) **Date:** 1963, 1963 (PI1978)



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

UPDATE

UPDATE

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H

Page 1 of 7 **Resource Name or #:** Southern Pacific/Central Pacific Railroad **Map Reference #:** 4

☐ Continuation ☒ Update

P1. Other Identifier: presently Union Pacific Railroad

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Malaga, CA **Date** 1964, photorevised 1981 T 15S, R 21E; **Sections** 5,6
T 14S, R 21E; **Section** 31
c. Address:
d. UTM: NAD 83, Zone 11; North: 256783 **mE** / 4061268 **mN**; South: 257249 **mE** / 4060708 **mN**
e. Other Locational Data: The recorded 2.9 mile segment extends (more or less) from Central Avenue to Clovis Avenue.

***P3a. Description:** The main branch of the Southern Pacific Railroad has been recorded on multiple occasions within Fresno County. See Linear Feature Record for a description of the recorded segment.

P8. Recorded By: Randy Baloian, Applied EarthWorks, Inc., 1391 W. Shaw Ave., Suite C, Fresno, CA 93711

***P9. Date Recorded:** December 2013

***P10. Survey Type:** ☒ Intensive ☐ Reconnaissance ☐ Other
Describe: Built-environment survey

P11. Report Citation: Morlet, Aubrie, and Randy Baloian
2014 *Historical Resources Evaluation Report: American Avenue Reconstruction and Rehabilitation, State Route 99 to Temperance Avenue, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Fresno County Public Works and Planning, Design Division, Fresno, California. Submitted to California Department of Transportation, District 6, Fresno. FR-02642

***Attachments:**
☐ NONE ☒ Location Map ☐ Site/Sketch Map ☐ Continuation Sheet
☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record
☐ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list)

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H
*NRHP Status Code 6Z

 Resource Name or #: Southern Pacific/Central Pacific Railroad **Map Reference #:** 4

B1. Historic Name: Southern Pacific Railroad/Central Pacific Railroad – San Joaquin Division

B2. Common Name: Union Pacific Railroad

B3. Original Use: Railroad **B4. Present Use:** Railroad

***B5. Architectural Style:** n/a

***B6. Construction History (construction date, alterations, and dates of alterations):** The Central Pacific Railroad was established in 1862 in large part through government loans and land grants with the primary to build the western leg of the first transcontinental railroad in the United States. Known as the "Big Four," the company's principal stockholders consisted of Leland Stanford, Collis Huntington, Mark Hopkins, and Charles Crocker. All four made their early fortunes as merchants and/or wholesalers during the Gold Rush and went on to play important roles in the development of California's financial, transportation, industrial, and agricultural industries. In 1885 the Southern Pacific Transportation Company leased the Central Pacific Railroad's lines, which have since been commonly known by the "Southern Pacific Railroad" (or "Espee") name.

Following the completion of the transcontinental railroad in 1869, the Central Pacific Railroad set out to build a line through the sparsely populated Central Valley, connecting the Bay Area with Southern California. The tracks reached what would become the town of Fresno in April 1872; the recorded segment would have thus been laid shortly afterward (Clough and Secrest 1984:121). A topographic map from 1873 labels the railroad as the "Central Pacific R.R. San Joaquin Valley Division" (Clough and Secrest 1984:endsheets). The railroad arrived in Bakersfield 2 years later and in Los Angeles in 1876.

Presently owned by the Union Pacific Railroad, this Central Valley line continues to operate along the same right-of-way.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** see Linear Feature Record

B9. a. Architect: n/a **b. Builder:** Central Pacific Railroad

***B10. Significance:** Theme: Transportation Area: Central San Joaquin Valley
Period of Significance: 1872–1896 Property Type: Railroad Applicable Criteria: n/a
Evaluation of the subject property follows the guidelines contained in the National Register Bulletin 15, *How to Apply the National Register Criteria for Evaluation,* published by the National Park Service (2002). The resource is evaluated for eligibility under National Register of Historic Places (NRHP) Criteria A–D. Given the similarity between federal and state significance criteria, the results of the NRHP evaluation are equally applicable to determinations of eligibility for the California Register of Historical Resources (CRHR) under Criteria 1–4.

Classification

The evaluated built-environment resource is a 2.9-mile-long segment of the Union Pacific Railroad, known historically as the Southern Pacific Railroad or Central Pacific Railroad. Under the guidelines of the California Office of Historic Preservation (1995), the resource is classified as a linear structure or feature, a category that also include such structures as roads, transmission lines, canals, and walls.

This space reserved for official comments.

Sketch Map

(See attached Location Map)

*B10. Significance (cont.)

Themes, Context, Geographical Scope, and Period of Significance

As a railroad, the evaluated resource obviously relates to the theme of transportation. Because it is a precondition for so many socio-economic developments, it is a theme that cross-cuts numerous other topics in history. The evaluation of historical significance below focuses on the Southern Pacific Railroad's impact on Fresno County and on its dominant industry—agriculture—yet it is emphasized that the construction and operation of railroads in general had pervasive effects on communities throughout the United States. As just one example, along with the gold rush, the Southern Pacific Railroad was a primary factor in the establishment of Chinese as an American ethnic group. The railroad served as the employer for many Chinese immigrants until the passage of anti-Chinese legislation (at both the state and national levels) in the 1880s and 1890s.

For the purposes of this evaluation, the period of significance of the record segment is set at 1872–1896. As mentioned above, the San Joaquin Valley Division of the Central Pacific Railroad reached Fresno County in 1872. The end year of the period of significance is admittedly somewhat less definite but is defined here as 1896 when the competing San Francisco & San Joaquin Valley Railroad (later acquired by Atchison, Topeka and Santa Fe Railway) reached Fresno County and broke the Southern Pacific Railroad's monopoly in the Central Valley (Clough and Secrest 1984:333).

Application of Significance Criteria of the National Register of Historic Places (Criteria A–D) and California Register of Historical Resources (Criteria 1–4)

For commercial-type resources like railroads, significance under Criterion A/1 is demonstrated through the resource's relationship to the beginnings of the industry, its economic dominance, and socio-economic impact beyond its own industry. The Central Valley's portion of the Southern Pacific Railroad is not just significant in these respect but is arguably the archetype of a historically significant commercial resource. Along with being the first valley railroad and the only railroad until 1896, the arrival of the Southern Pacific to the lonely Fresno depot in April 1872 was truly a watershed moment in county history (Clough and Secrest 1984). The location, which had no inhabitants prior to this time, by the end of the decade supported a population of over 1100 as well as a diversified urban economy; in the political realm, Fresno has served as the county seat since 1874 when it was moved from Millerton through a general election. This was by no means limited to Fresno County, as similar scenarios were played out up and down the valley in places like Modesto, Merced, Madera, and Bakersfield. Although agriculture existed in the valley long before the railroad, it did emerge as the county and region's dominant industry because of the Southern Pacific. Certainly, the railroad was the necessary ingredient for commercial agriculture, otherwise farmers would have no feasible way to transport their product to the markets of the Bay Area. It had other less apparent effects on valley agriculture, as well. For instance, the construction of area's irrigation network in the 1870s was largely financed by wealthy Bay Area investors, who understood the county's potential for agricultural development (i.e., the sale of land to individual buyers) once a transportation link was established into the valley. For these reasons, as well as numerous other examples, the recorded segment as part of the Central Valley's branch of the Southern Pacific Railroad is considered significant under Criterion A/1.

With regard to Criterion B/2, the principals of the Central Pacific and Southern Pacific railroads—i.e., the "Big Four"—are the most obvious historically important individuals associated with the endeavors of their companies. However, to be considered significant under Criterion B/2, a resources must be not only associated with a historical figure(s) but must also be intimately linked and/or representative of that person's contribution to history. According to local lore, Stanford himself decided the location of the Fresno depot during his 1871 visit to the valley (Clough and Secrest 1984:121). This account notwithstanding, there does not appear to be a generally strong connection between Stanford or any of the other Big Four and this particular Southern Pacific line. Although the Central Valley no doubt represented a lucrative venture for them, the region or the railroad does not seem of occupy an important part of their personal historical narratives. Research for the current investigation found no historically significant individual that is closely associated with the evaluated segment. It is therefore not considered significant under Criterion B/2.

Significance under Criterion C/3, when applied to railroads and similar linear structures, is measured by distinctive or innovative design, methods of construction, or use of technology. As an early West Coast railroad, the Central Valley's portion of the Southern Pacific Railroad *in its original form* may have accrued some significance under this criterion. However, because the materials elements of the original line no longer exists, this is a moot point. More

importantly, there is no evidence to suggest that such features (e.g., a bridge) ever existed with the recorded segment. The recorded segment is thus not considered significant under Criterion C/3.

Criterion D/4 is most relevant for archaeological sites, but it can apply to built-environment resources if further study has the potential to yield information that cannot be obtained from other sources. Here again, if elements of the early railroad were somehow preserved within the recorded segment, further field examination of such a vestige might add to what is already known about its construction. However, no such remnant exists within the recorded segment. The recorded segment appears entirely modern, and further study would clearly not add any new information. The recorded segment is thus not considered significant under Criterion D/4.

Integrity

Application of the state and national significance criteria found that the recorded segment of the Southern Pacific Railroad is significant under Criterion A/1. The following discussion addresses whether the recorded segment retains sufficient integrity to convey the general significance of the original railroad. Whereas questions of significance involve evaluation of the full linear resource, assessment of integrity involves focusing on the recorded segment, given that a linear resource, which can cross several hundred miles, often displays varying levels of integrity. The evaluation employs the seven aspects of integrity described by the National Park Service (2002) in making this assessment.

Because the recorded segments runs along the same right-or-way since its construction in 1872, it retains excellent integrity of **location**. Typically, integrity of this aspect is a necessary but not sufficient condition for overall integrity.

Agricultural fields border much of the recorded segment, as they've done for the past 140 years. There are, however, modern structures and properties that have compromised its historical surroundings, including: Golden State Boulevard to the southwest, which served as the valley's first highway; an agricultural plant; an automotive junk yard; and a contractor's yard. Integrity of **setting** is, at best, average.

The recorded segment displays some integrity of **association**, mainly because it still functions as a railway transporting freight to and from the Central Valley. What has change from the period of significance (1872-1896) is the payload. As mentioned above, the valley's branch of the Southern Pacific Railroad was constructed primarily to transport agricultural goods. Today, this line is rarely (if ever) used to ship farm products, which are transported mainly by truck. From its construction to World War II, the valley branch as well as railroad in general also represented a major means of long-distance transportation for people, yet passenger cars have long since been discontinued. For these reasons, the recorded segment is considered to possess only average integrity of association.

Photographs of railroads from the 19th century indicate that the configuration and components of the train track itself have changed very little since that time. The integrity of this enduring track **design** is—as in so many other railroad lines—found to be very high within the recorded segment. (Note that by contrast, the operational design of the railroad, treated below, has changed considerable since the 19th century.)

By contrast, aspects of **materials** and **workmanship** are altogether missing from the recorded segment. The basic elements of the track—the iron rails, wooden ties, etc.—have been replaced numerous times since construction of the recorded segment; there is no evidence to suggest that any of its materials date to the period of significance. Similarly, because of updates to the branch, any evidence of the workmanship that went into construction of the railroad has been lost from the recorded segment. Modern maintenance is achieve primarily through mechanized and automate means and very different than the labor intensive methods used in the railroad's construction. As one example, rail sections can today be welded together to continuous lengths of 1,000 feet or more, whereas the technology necessary for this task was unavailable to the 19th century rail worker (Mansfield 1965:192).

Integrity of **feeling** essentially accounts for the other aspects in an intuitive and collective manner. By far, the recorded segment suffers the most from a lack of feeling. To illustrate: the locomotives and freight cars seen rolling along the recorded segment are very much different than their 19th century predecessors. Engines have evolved from steam-powered models, to diesel, to most recently electrical versions. Intermodal containers and trailers carried on flat-bed cars make-up much of the payload hauled by modern trains; box cars are much less common than they were earlier in the 20th century, and lumber and passenger cars can be seen only in museums. Furthermore, the electronically controlled crossing gate—a staple feature found in the recorded segment as well as on all railroad lines

throughout the nation—clearly conveys the feeling modernity and is the most visible expression of the automated nature of the present-day railroad.

In sum, the recorded segment of the Southern Pacific Railroad does not retain sufficient integrity to convey its significance under Criterion A/1.

Summary

Due to insufficient integrity, the recorded segment of the Southern Pacific Railroad is not considered eligible for inclusion in the NRHP or CRHR.

B11. Additional Resource Attributes (list attributes and codes):

***B12. References:**

Clough, Charles W., and William B. Secrest Jr.
1984 *Fresno County—The Pioneer Years: From the Beginnings to 1900.* Panorama West Books, Fresno, California.

Mansfield, Edwin
1965 Innovation and Technical Change in the Railroad Industry. In *Transportation Economics*, pp. 169–197, edited by Universities-National Bureau for Economic Research. Columbia University Press, New York.

B13. Remarks:

***B14. Evaluator:** Randy Baloian
Date of Evaluation: July 2014

UPDATE

UPDATE

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #/Trinomial CA-FRE-3109H

 Resource Name or #: Southern Pacific/Central Pacific Railroad **Map Reference #:** 4

L1. Historic and/or Common Name: Southern Pacific Railroad/Union Pacific Railroad

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**

b. Location of point or segment: From the railroad's intersection with Central Avenue southeast to its juncture with Clovis Avenue, southeast of the City of Fresno.

L3. Description: A single track runs along practically all of the 2.9 recorded segment. There is a spur tract, approximately 600 feet long, at the northwest end of the segment. This side track splits and leads to an agricultural plant, located southeast of the intersection of the railroad and Central Avenue. Within the segment, the grade is generally elevated about 1 to 2 feet above the surrounding surface. The track itself is a conventionally designed standard gauge: two iron rails are set 4 feet 8.5 inches apart and secured with (appox.) 7 foot long wooden cross ties; the rails are affixed to the ties with iron tie screws. In addition to the associated resources described in L5. below, there are conventional crossing gates at Central and American Avenues. There is a private crossing at Jefferson Avenue, and a modern overpass carries Clovis Avenue over the railroad.

L4. Dimensions:
a. Top Width: est. 60-foot-wide right-of-way
b. Bottom Width: n/a
c. Height or Depth: n/a
d. Length of Segment: 2.9 miles

L4e. Sketch or Cross Section ☐ attached ☒ none **Facing:**

L5. Associated Resources: The Washington Colony Canal, previously recorded as P-10-002960 (Willis and Estes 1995a), flows under the railroad near the center of Section 31, R21E, T14S; a concrete bridge, built in 1942, carries the canal under the tracks. Similarly, the Briggs Canal, previously recorded as P-10-002961 (Willis and Estes 1995b), flows under the railroad near the center of Section 5, R21E, T15S; a concrete culvert carries the canal below the tracks. Based on a stamped inscription, the culvert apparently dates to 1928, although it has been obviously reworked with a hand carved "1983" just below the "1928" date.

L6. Setting: Rural/Industrial Fresno County

L7. Integrity Considerations: See Building, Structure, and Object Record

L8a. Photo, Map, or Drawing:



L8b. Description of Photo, Map, or Drawing: Southern (Union) Pacific Railroad looking northwest from its intersection with American Avenue (February 2014).

L9. Remarks:

L10. Form Prepared By:
Randy Baloian
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711

L11. Date: July 2014

UPDATE

UPDATE

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-003930

Trinomial CA-FRE-3109H

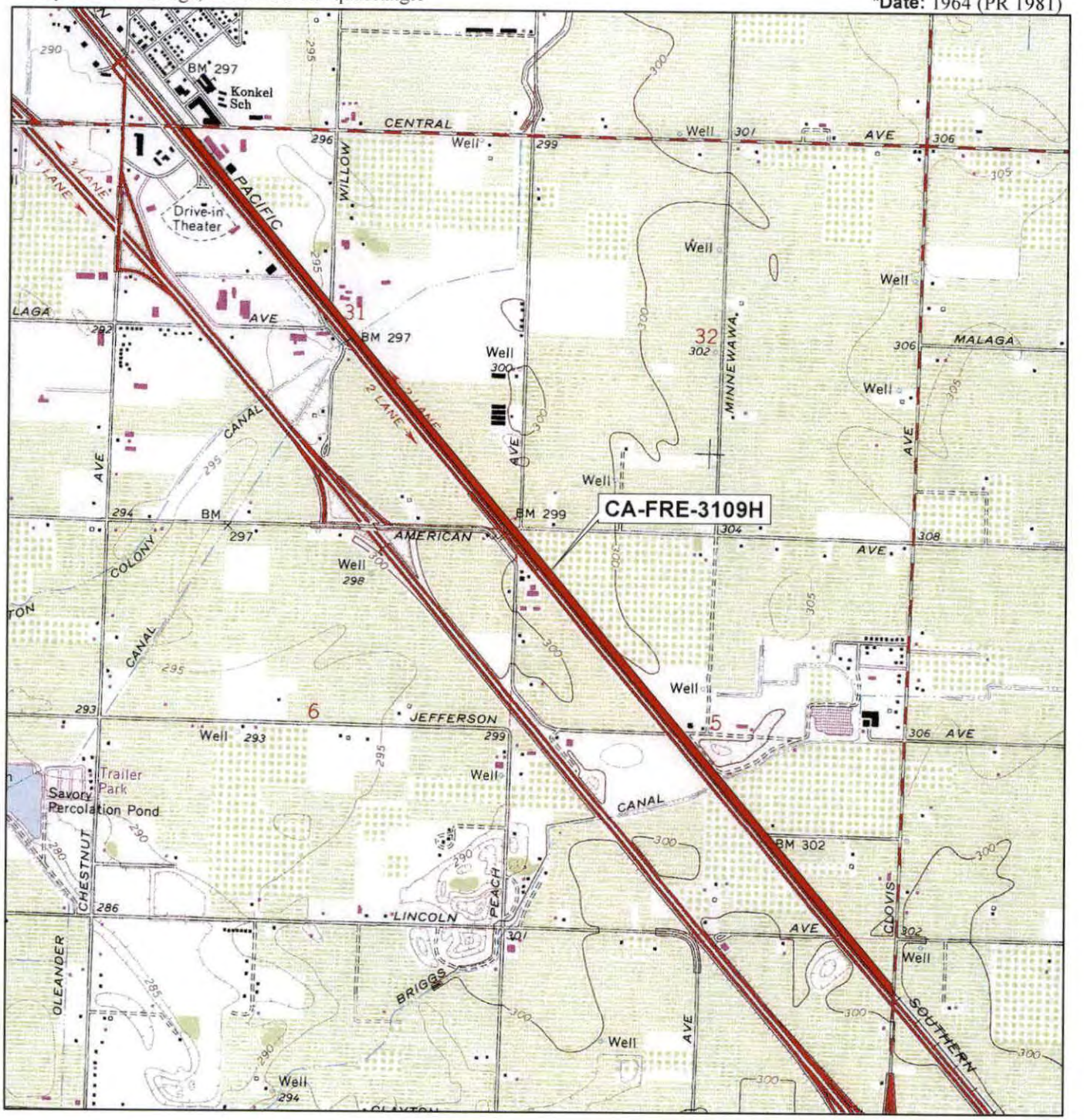
***Resource Name or #:** Southern Pacific/Central Pacific Railroad

Map Reference #: 4

***Map Name:** Malaga, CA USGS 7.5' quadrangle

***Scale:** 1:24,000

***Date:** 1964 (PR 1981)



1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

Supplement

P-10-003930
CA-FRE-3109H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # ~~P-10-006128~~
HRI #
Trinomial: ~~CA-FRE-3109H~~
NRHP Status Code: 6Y

Other Listings
Review Code Reviewer _____ Date

Resource Name: Segment of Union Pacific Railroad

P1. **Other Identifier:** Central Pacific Railroad/Southern Pacific Railroad

P2. **Location:** □ **Not for Publication** ☒ **Unrestricted**

a. **County:** Fresno

b. **USGS 7.5' Quad:** *Herndon, Calif.*, **Date:** 1964 (PR 1976) **T**13S/**R**19E; NW¼ of NW¼ of Section 4; NW¼ of SE¼ of Section 4; SE¼ of SE¼ of Section 4; SW¼ of SW¼; of Section 3, NW¼ of NW¼; of Section 10, SE¼ of NW¼; of Section 10, SW¼ of SE¼; of Section 10; Mount Diablo **B.M.**

c. **Address:** Southeast of the community of Herndon, paralleling N. Golden State Boulevard, northwest of Fresno **City:** Fresno **Zip:** 93722

d. **UTM:** NAD 83, Zone 11; northern end point: 240220 mE/ 4080289 mN; southern end point: 241545 mE/ 4079103 mN

e. **Other Locational Data:** None

P3a. **Description:** This approximately 6,900-foot (1.3-mile) segment of the former Southern Pacific Railroad (SPRR) is now owned and operated by the Union Pacific Railroad (UPRR). This segment of the railroad mainline consists of a single set of rails set connected with wooden railroad ties and resting on a berm. The rails are made of standard rail gauge welded steel and the berm consists of crushed rock ballast.

P3b. **Resource Attributes: (HP11)** Engineering structure

P4. **Resources Present:** □ **Building** ☒**Structure** □**Object** □ **Site** □ **District** □ **Element of District** □ **Other (Isolates, etc.)**

P5a. **Photograph:**



P5b. Description of Photo; UPRR south of Herndon. N. Golden State Boulevard and mature olive street trees at right, view to the southeast.

P6. Date Constructed/Age and Source: ☒ **Historic** 1872, Smith Richard Harold (*Towns Along the Tracks*, Ph.D. dissertation, Department of Geography, University of California, Los Angeles.1976).

P7. Owner and Address:
Union Pacific Railroad Company
1416 Dodge Street
Omaha, Nebraska 68179

P8. Recorded by:
Michael Hibma
LSA Associates, Inc.,
157 Park Place
Point Richmond, California 94801

P9. Date recorded: January 7, 2010.

P10. Survey Type: Intensive Pedestrian Survey

P11. Report Citation: Hibma, Michael, 2010. *Historic Resources Evaluation Report for the Veterans Boulevard/State Route 99 Interchange and Grade Separations Project, Fresno, Fresno County, California.* LSA Associates, Inc., Point Richmond, California.

Attachments: □ **None** ☒ **Location Map** □ **Sketch Map** ☒ **Continuation Sheet** ☒ **Building, Structure, and Object Record** □ **Archaeological Record** □ **District Record** ☒ **Linear Feature Record** □ **Milling Station Record**

DPR 523A (1/95)

Supplement

P-10-003930
CA-FRE-3109H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # ~~P-10-003928~~
HRI# ~~CA-FRE-3607H~~

NRHP Status Code: 6Y
Resource Name: Segment of Union Pacific Railroad

B1. **Historic Name:** Central Pacific Railroad (CPRR); Southern Pacific Railroad (SPRR)
B2. **Common Name:** Union Pacific Railroad (UPRR)
B3. **Original Use:** Railroad
B4. **Present Use:** Same
B5. **Architectural Style:** N/A
B6. **Construction History:** This segment of rail line was first built as part of the CPRR San Joaquin Valley trunk line and rail traffic began in 1872 on the line, which connected the San Joaquin Valley with Sacramento, the transcontinental main line over the Sierra Nevada; and the San Francisco Bay Area. See Continuation Sheet.

B7. **Moved?** ☒No
B8. **Related Features:** Signaling and detection equipment.
B9. **a. Architect:** N/A
b. Builder: Central Pacific Railroad (1872), Southern Pacific Railroad (1885-1996), Union Pacific Railroad (1996-present)
B10. **Significance:** **Theme:** Transportation; development **Area:** North of Fresno, Fresno County

Period of Significance: 1872–1959 **Property Type:** Railroad **Applicable Criteria:** N/A

This approximately 6,500-foot segment of the UPRR trunk line in the San Joaquin Valley was built in 1872 and rail traffic began the same year. The trunk line is associated with the transformative effect railroads had on the agricultural, residential, commercial, and industrial development of the Central Valley region and the state, and thus appears significant under the National and California registers' criterion A/1: associated with events that have made a significant contribution to the broad patterns of our history. This railroad segment retains integrity of location and association with transportation and development. The segment's integrity of design, materials, workmanship, and feeling have been compromised with the replacement of rails, ties, crossing guards, and related equipment in keeping with modern railroad engineering practices and regulatory requirements during 1990s rebuilding programs. Since construction, the surrounding area has gradually filled in with residential, commercial, and light industrial development. Though historically significant, this segment no longer retains the historical integrity necessary to convey that significance. This segment of the UPRR does not appear eligible for inclusion in the National or California registers. A previous evaluation of a nearby segment of the UPRR concluded the UPRR segment was not eligible for listing in the registers "owning to an overall lack of integrity to the period of significance" (Hatoff et al. 1995).

B11. **Additional Resource Attributes:** None
B12. **References:**

Breen, Denis A., 2004. *The Union Pacific/Southern Pacific Rail Merger: A Retrospective on Merger Benefits.* Bureau of Economics, Federal Trade Commission. Accessed at < http://papers.ssrn.com/sol3/papers.cfm?abstract_id=531222> on June 7, 2010.

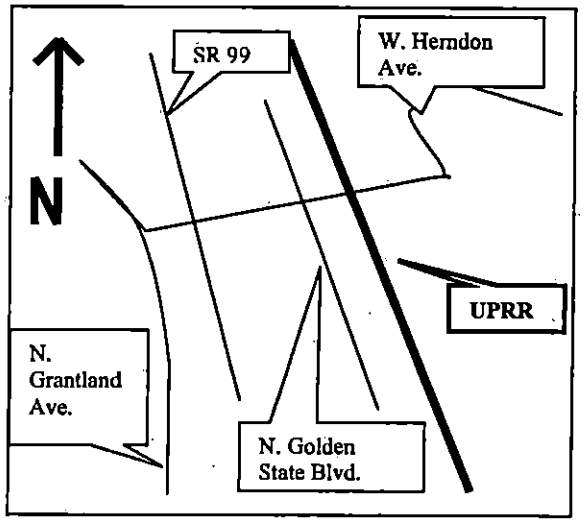
See Continuation Sheet

B13. **Remarks:** None

B14. **Evaluator:** Michael Hibma
LSA Associates, Inc,
157 Park Place
Point Richmond, California 94801

Date of Evaluation: February 7, 2010.

(This space reserved for official comments.)



DPR 523B (1/95)

Supplement

P-10-003930
CA-FRE-3109 H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary P-10-006128
HRI #
Trinomial: CA-FRE-3607 H

Resource Name: Segment of Union Pacific Railroad

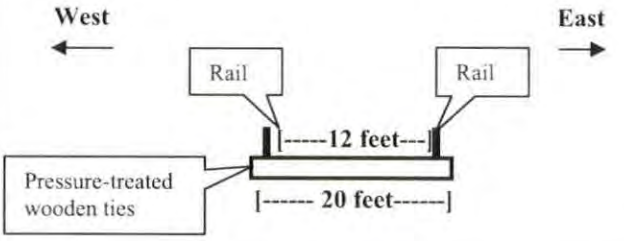
L1. Historic and/or Common Name: Central Pacific Railroad (CPRR); Southern Pacific Railroad (SPRR); Union Pacific Railroad (UPRR)

L2a. Portion Described: ☒ **Segment**
Location of segment: The approximately 6,500-foot long segment is located south of Herndon, and parallels N. Golden State Boulevard.

L3. Description: This segment of the UPRR main line consists of a single set of heavy-gauge steel rails, pressure-treated wooden ties, and a broad road-bed of crushed-rock, as well as signaling equipment.

L4. Dimensions
a. Top Width: 12 feet (track width); 30 feet (top of roadbed)
b. Bottom Width: 20 feet (single track)
c. Height or Depth: varies: 6-8 feet
d. Length of Segment: 6,900 feet (1.3 miles)

L4e. Sketch of Cross-Section **Facing:** North



L5. Associated Resources: Signaling equipment.

L6. Setting: Herndon to the north, Highway City and Fresno to the south, N. Golden State Boulevard to the west, former fig orchards to the east.

L7. Integrity Considerations: This railroad segment retains integrity of location and association with transportation and development from its period of significance (1872–1959), but the segment's integrity of design, materials, workmanship, and feeling have been compromised over the last 50 years with the replacement of rails, ties, crossing guards, and related equipment in keeping with modern railroad engineering practices and regulatory requirements. Also, the surrounding area has gradually filled in with residential, commercial, and light industrial development since construction, affecting the resource's integrity of feeling. Though historically significant, this segment no longer retains the historical integrity necessary to convey that significance and does not appear eligible for listing in the National or California registers.

L8a. Photograph



L8b. Description of Photo
UPRR mainline, south of Herndon view to the southeast towards Highway City and Fresno.

L9. Remarks: None

L10. Form prepared by:
Michael Hibma
LSA Associates, Inc.,
157 Park Place,
Point Richmond, CA 94801

L11. Date: January 7, 2010.

B6. The line entered the San Joaquin Valley from Sacramento and served as the main trunk line for smaller branch lines that served areas of growing agricultural development. In 1885, the CPRR was leased to the SPRR. Over the next 111 years, SPRR regularly maintained transportation infrastructure with periodic upgrading to safely accommodate heavier rolling stock operating at higher speeds. The present railroad tracks, rails ties, roadbed grading, crossing and switching equipment date from later overhaul in the 1980s. The SPRR operated this alignment for 111 years until the company merged with the UPRR in 1996. The UPRR soon began a four-year $1.3 billion dollar system-wide modernization and capital investment program to add new facilities and upgrade the existing SPRR system. In the San Joaquin Valley, approximately $500 million dollars were spent on new ties, rails, roadbed, switching gear, and signaling equipment to meet federal safety standards required for UPRR's heavier, faster freight trains (Breen 2004:33-34; Robertson 1998:296-298).

B12. Hatoff, Brian, Barb Voss, Sharon Waechter, Stephen Wee, and Vance Benté, 1995. *Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project.* Woodward-Clyde Consultants, Oakland, California.

Robertson, Donald B., 1998. *Encyclopedia of Western Railroad History, Volume IV, California.* Caxton printers, Caldwell, Idaho.

Smith, Richard Harold, 1976. *Towns Along the Tracks: Railroad Strategy and Town Promotion in the San Joaquin Valley, California.* Ph.D. dissertation, Department of Geography, University of California, Los Angeles.

Supplement

P-10-003930
CA-FRE-3109H

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

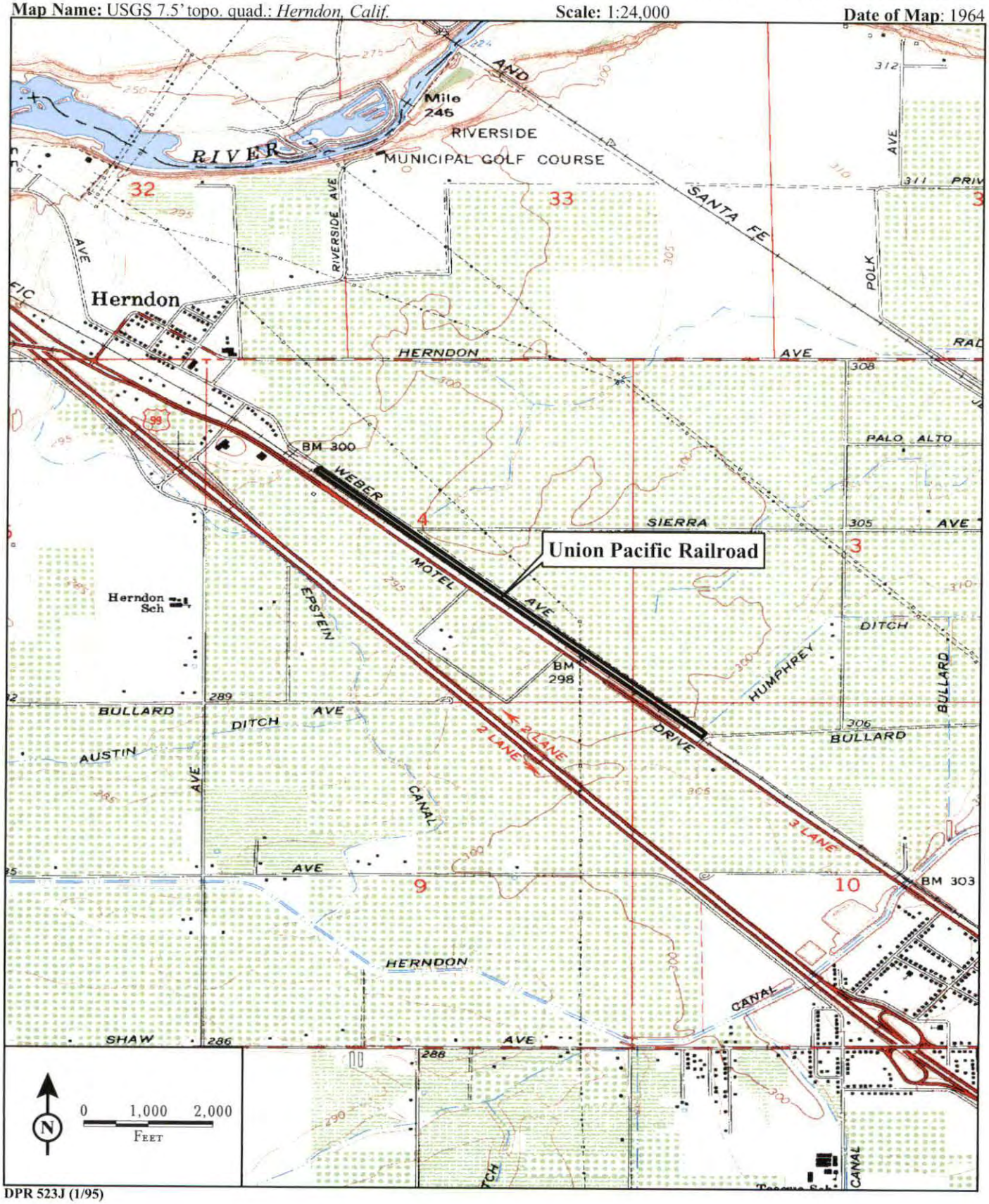
Primary # ~~P-10-006128~~
HRI #
Trinomial ~~CA-FRE-3607H~~

Resource Name: Union Pacific Railroad

Map Name: USGS 7.5' topo. quad.: *Herndon, Calif.*

Scale: 1:24,000

Date of Map: 1964



DPR 523J (1/95)

Supplement

P 10 005804

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-003930
HRI/# CA-FRE-3109H
Trinomial ~~CA-FRE-03521H~~
NRHP Status Code 7
Other Listings
Review Code _____ Reviewer _____ Date _____

*Resource Name or #: JFR-044

RECEIVED
FEB 09 2010
By

P1. Other Identifier: San Joaquin Valley Railroad; Southern Pacific Slough Line
*P2. Location: ☐ Not for Publication ☑ Unrestricted *a. County: Fresno
*b. USGS Quad: Helm (1963); T16S R17E, Sec. 14; MDBM
c. Address:
d. UTM: Zone 10; 759902 mE/ 4046951 mN NAD27 Datum
e. Other Locational Data:
The resource is located north of the town of Helm, on both (east and west) sides of State Route (SR) 145 from GIS-based post mile 20.46 to 20.47, partially within the highway right-of-way. From the intersection of West Kamm Road and SR 145 within Helm, proceed north 0.04 miles on SR 145 to post mile marker 20.5 (segment datum). The resource is located adjacent to the marker.

*P3a. Description:
This is a segment of the Southern Pacific Railroad (SPRR) where it crosses SR 145 in rural Fresno County. SPRR built this line sometime between 1913 and 1919 as a short line running along the bottomlands near Fresno Slough. Commonly referred to as the "Slough Line," it branched off that company's West Side San Joaquin Valley Branch (West Side) at Ingle and went south/southeast through Tranquility, San Joaquin, Helm, Burrell, and Hardwick where it rejoined the West Side Line (Weber 1914; USGS 1925; Vandor 1919: 272). SPRR built the line to capture the freight traffic of the developing west side of Fresno County. The San Joaquin Valley Railroad (SJVR), a short-line railroad company, began operating this branch in 1992 (Fresno Bee, March 2, 1992). It is currently owned by RailAmerica and operated by SJVR (Fresno Bee, October 23, 2001). Please refer to the attached Continuation Sheet and Linear Feature Record for a description of the segment.

*P3b. Resource Attributes: HP11 (Railroad)
*P4. Resources Present: ☐ Building ☑ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



*P5b. Description of Photo:
Photograph 1. JJFR-044, 07, NW -- 8772; facing northwest, showing tracks crossing SR 145.

*P6. Date Constructed/Age & Sources:
☑ Historic ☐ Prehistoric ☐ Both
Circa 1913-1919 (Vandor 1919)

*P7. Owner and Address:
RailAmerica, 7411 Fullerton Street, Suite 300
Jacksonville, FL 32256

*P8. Recorded by:
Joseph Freeman and Rebecca Flores, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis, CA 95618

*P9. Date Recorded: 2/9/2009

*P10. Survey Type:
Reconnaissance

*P11. Citation: Leach-Palm et al. 2010. Cultural Resources Inventory of Caltrans District 6 Rural Conventional Highways in Fresno, Kern, Kings, Madera, and Tulare Counties. Submitted to Caltrans District 6, Fresno, CA.

*Attachments: ☐ None ☑ Location Map ☑ Sketch Map ☑ Continuation Sheet ☐ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☑ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other:

*Required Information

Supplement

P 10 005804

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LINEAR FEATURE RECORD

Primary # P-10-003930
HRI# CA-FRE-3109H
Trinomial CA-FRE-003521H

 *Resource Name or #: JFR-044

L1. Historic and/or Common Name: San Joaquin Valley Railroad; Southern Pacific Slough Line

L2a. Portion Described: ☐ Entire Resource ☑ Segment ☐ Point Observation **Designation:**

L2b. Location of Point or Segment:

The railroad is located on SR 145 at GIS-based post miles 20.46 to 20.47 north of the town of Helm.

Segment UTMs: 759765 mE/ 4047211 mN to 759868 mE/ 4047096 mN

L3. Description:

At this location the railroad line passes northwest to southeast over SR 145. It is a standard gauge railroad with wood ties and stone ballast. There is asphalt between the rails at the highway crossing. Outside the right-of-way, the roadbed is six to ten feet above the level of the adjacent land. There are modern crossing gates and signals and a small metal utility building at this intersection.

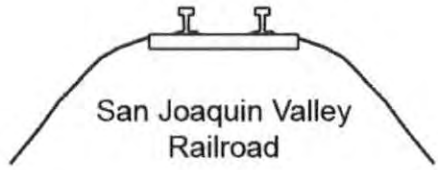
L4. Dimensions:

a. Top Width: 6 feet
b. Bottom Width: 25 feet
c. Height or Depth: 6-10 feet
d. Length of Segment: 200 feet

L5. Associated Resources:

None

L4e. Sketch of Cross-Section: **Facing:** Southeast



Not to scale

L6. Setting:

The railroad is located in the flat, agricultural landscape of the San Joaquin Valley.

L7. Integrity Considerations:

Unknown



L8b. Description of Photo, Map, or Drawing

JFR-044, 04, NW -- 8769; facing northwest from SR 145, showing railroad and berm.

L9. Remarks:

L10. Form Prepared By:

J. Freeman/K. Clementi/S. Melvin, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis CA 95618

L11. Date: 2/9/2009

P3a. Description (continued):

References:

"Kyle's Dream Realized." Fresno Bee. March 2, 1992.

Signor, John. Southern Pacific Lines Volume 3. Pacific Lines Stations, Shasta Division, Tucson Division, Western Division, Northwestern Pacific, San Diego & Arizona Eastern. Pasadena: Southern Pacific Historical & Technical Society, 1999.

"Tulare Co. Rail Deal Targeted." Fresno Bee. October 23, 2001.

USGS. "Helm," 1:31680, topographic map, 1925.

Vandor, Paul E. History of Fresno County California with Biographical Sketches. Los Angeles: Historic Record Company, 1919.

Weber, C.F. Map of Fresno County, California. San Francisco: C.F. Weber, 1914.

Supplement

P 10 005804

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

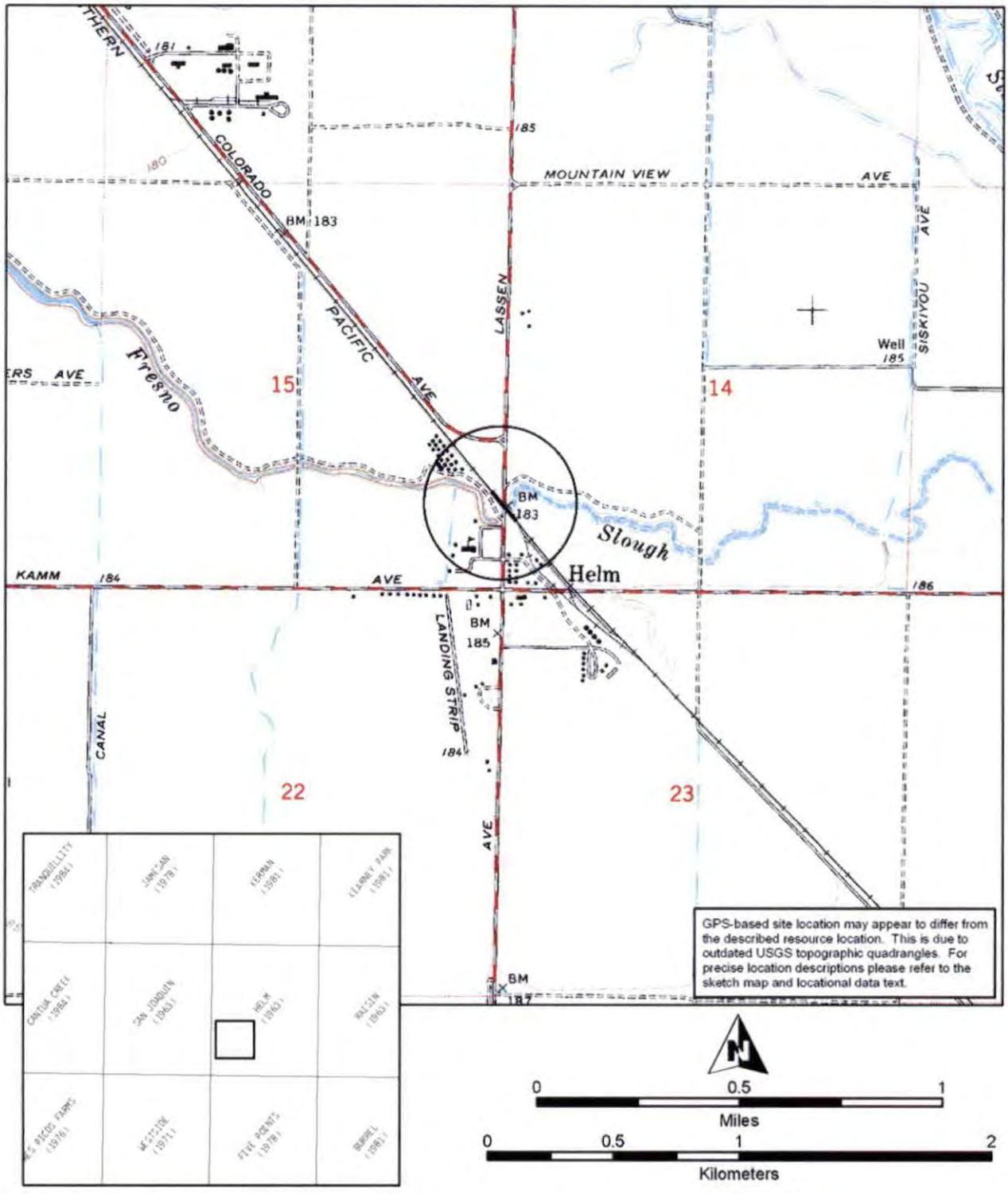
LOCATION MAP

Primary # P-10-003930
HRI# CA-FRE-3109H
Trinomial ~~CA-FRE-03521H~~

*Resource Name or #: JFR-044

*Map Name: Helm (1963)

*Year: 1963



Key to USGS 7.5' quads depicted

SCALE 1:24,000

*Required Information

Supplement

P 10 005804

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

SKETCH MAP

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial ~~CA-FRE-03521H~~

*Resource Name or #: JFR-044

*Drawn By: Far Western and JRP Historical Consulting, LLC

*Date: 02/09/2009



Sketch map is based on 2009 GPS data collected within the highway right-of-way.

*Required Information

Supplement

P-10-05807

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # P-10-003930
HRI# CA-FRE-3109H
Trinomial CA-FRE-03524H
NRHP Status Code 7
Other Listings
Review Code _____ Reviewer _____ Date _____

Page 1 of 5 *Resource Name or #: JFR-051

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By

P1. Other Identifier: Southern Pacific Railroad Goshen Branch; San Joaquin Valley Railroad
*P2. Location: ☐ Not for Publication ☑ Unrestricted *a. County: Fresno
*b. USGS Quad: Vanguard (1956; photorevised 1981); T19S R18E, Sec. 24; MDBM
c. Address:
d. UTM: Zone 11; 233547 mE/ 4016162 mN NAD27 Datum
e. Other Locational Data:
The resource is located west of the town of Lemoore on State Route (SR) 198 from GIS-based post miles 42.36 to 42.38, on both (north and south) sides of the highway, abutting the edge-of-pavement and partially within the highway right-of-way. From the intersection of SR 198 and SR 41(19 1/2 Avenue) on the east side of Lemoore, proceed 9.1 miles west on SR 198 to the railroad crossing sign (segment datum). The resource is located 60 meters east of the sign.

*P3a. Description:
This is a segment of an active railroad line where it crosses SR 198 in rural Fresno County. This segment of railroad was originally part of the 26-mile long Goshen Branch of the Southern Pacific Railroad (SPRR) that historically joined Coalinga with the SPRR main line at Goshen Junction, and also the main line of the Atchison, Topeka and Santa Fe Railway at Hanford (Arnold & Anderson 1910: 247). Construction of the Goshen Branch began in the early 1880s in Goshen and pushed west past the town of Coalinga, ultimately reaching its western terminus at Alcalde by 1888. SPRR was motivated to build the line following the discovery of coal deposits in the Diablo Range near Coalinga. In 1893 the line between Coalinga and Alcalde was torn up and Coalinga became the end of the line (Smith 1976: 286-287; 309-310). This line now runs between Goshen and Huron (east of Coalinga), and is called the Coalinga Line. It is owned by RailAmerica and operated by the San Joaquin Valley Railroad (RailAmerica 2008). See Continuation Sheet and Linear Feature Record for a description of the resource.

*P3b. Resource Attributes: HP11 (Engineering Structure)
*P4. Resources Present: ☐ Building ☑ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



*P5b. Description of Photo:
Photograph 1. JFR-051, 01, E -- 8836; facing east, railroad crossing SR 198.

*P6. Date Constructed/Age & Sources:
☑ Historic ☐ Prehistoric ☐ Both
1888 (Smith 1976)

*P7. Owner and Address:
RailAmerica, 7411 Fullerton Street, Suite 300
Jacksonville, FL 32256

*P8. Recorded by:
Joseph Freeman and Rebecca Flores, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis, CA 95618

*P9. Date Recorded: 2/10/2009

*P10. Survey Type:
Reconnaissance

*P11. Citation: Leach-Palm et al. 2010. Cultural Resources Inventory of Caltrans District 6 Rural Conventional Highways in Fresno, Kern, Kings, Madera, and Tulare Counties. Submitted to Caltrans District 6, Fresno, CA.

*Attachments: ☐ None ☑ Location Map ☑ Sketch Map ☑ Continuation Sheet ☐ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☑ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other:

DPR523A (1/95) *Required Information

Supplement

P 10 -05907

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE-03524H

 *Resource Name or #: JFR-051

L1. Historic and/or Common Name: Southern Pacific Railroad Goshen Branch; San Joaquin Valley Railroad

L2a. Portion Described: ☐ Entire Resource ☑ Segment ☐ Point Observation **Designation:**

L2b. Location of Point or Segment:
The resource is located on SR 198 at GIS-based post miles 42.36 to 42.38.

Segment UTMs: 772567 mE/ 4016514 mN to 772747 mE/ 4016604 mN.

L3. Description:
This resource is a standard gauge railroad crossing SR 198 at grade. It has wood ties and stone ballast. Concrete panels are between and along the rails at the crossing. The railroad bed (out of the right-of-way) is nearly level with the adjacent terrain. There are modern metal crossing gates and signals at the intersection. A date stamp observed on one of the rails reads "2004."

L4. Dimensions:
- **a. Top Width:** 5 feet
- **b. Bottom Width:** 8 feet
- **c. Height or Depth:** n/a
- **d. Length of Segment:** 100 feet

L5. Associated Resources:
None

L4e. Sketch of Cross-Section: **Facing:** Northeast



Not to scale

L6. Setting:
The resource is located in the flat, agricultural landscape of the San Joaquin Valley.

L7. Integrity Considerations:
The rails have been recently replaced at this location.



L8b. Description of Photo, Map, or Drawing
JFR-051, 02, W -- 8837; facing west, showing railroad on south side of SR 198 (right).

L9. Remarks:

L10. Form Prepared By:
J. Freeman/S. Melvin/C. Miller, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis CA 95618

L11. Date: 7/17/2009

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial ~~CA-FRE~~ 0-3-5-2-4H

 *Resource Name or #: JFR-051

*Recorded By: J. Freeman & R. Flores, JRP Historical Consulting, LLC *Date: 2/10/2009 ☑ Continuation ☐ Update

P3a. Description (continued):

References:

Arnold, Ralph and Robert Anderson. Geology and Resources of the Coalinga District, California. Washington: United States Geological Survey, 1910.

RailAmerica. San Joaquin Valley Railroad. RailAmerica website, 2008. Available at http://www.railamerica.com/ShippingServices/RailServices/SJVR.aspx (accessed July 16, 2009).

Smith, Richard Harold. "Towns Along the Tracks: Railroad Strategy and Town Promotion in the San Joaquin Valley, California." Ph.D. diss., University of California, Los Angeles, 1976.

Supplement

P 10 - 05807

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

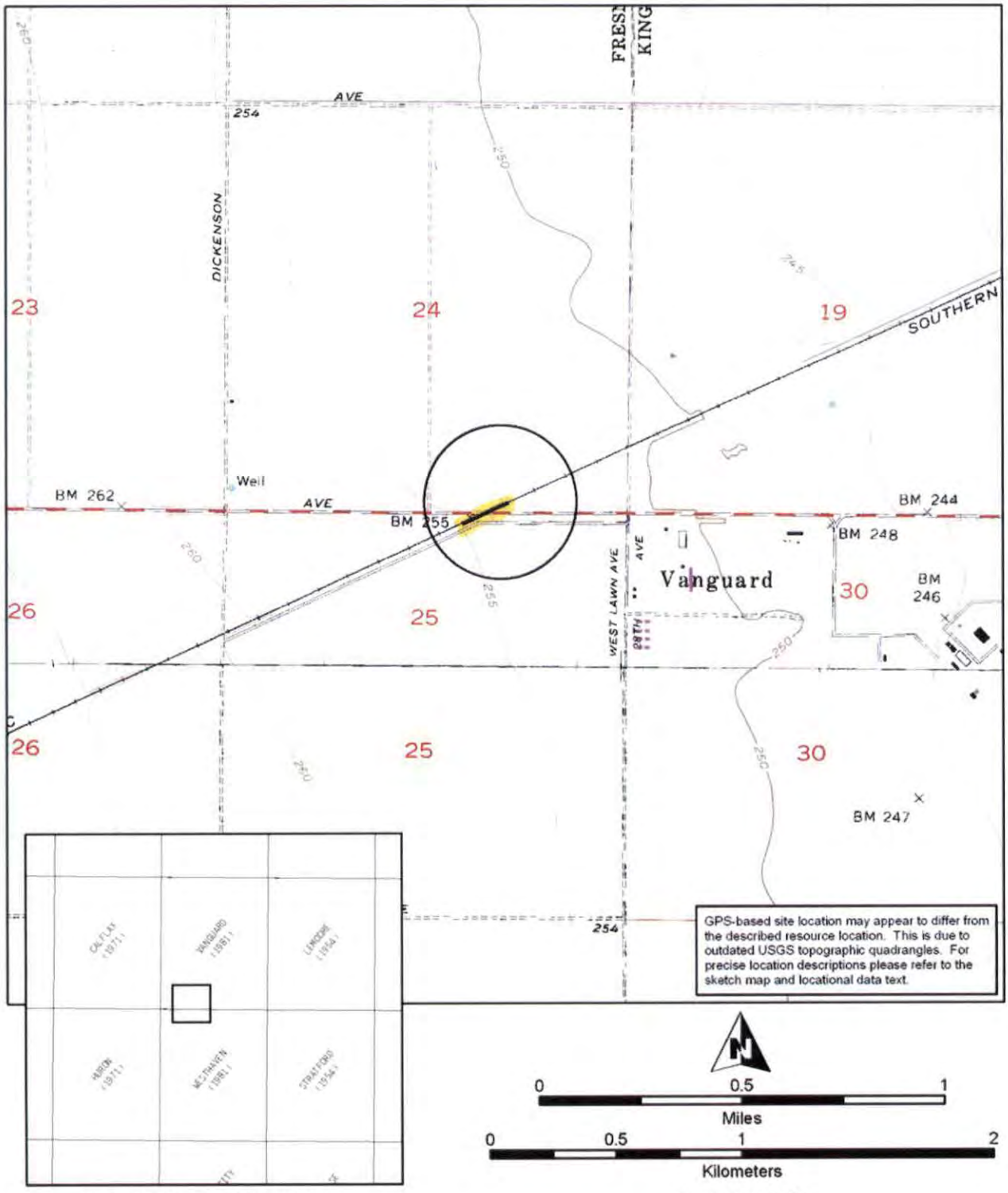
LOCATION MAP

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE - 03524H

*Resource Name or #: JFR-051

*Map Name: Vanguard (1981), Westhaven (1981)

*Year: 1981



Key to USGS 7.5' quads depicted

SCALE 1:24,000

*Required Information

Supplement

P-10-05807

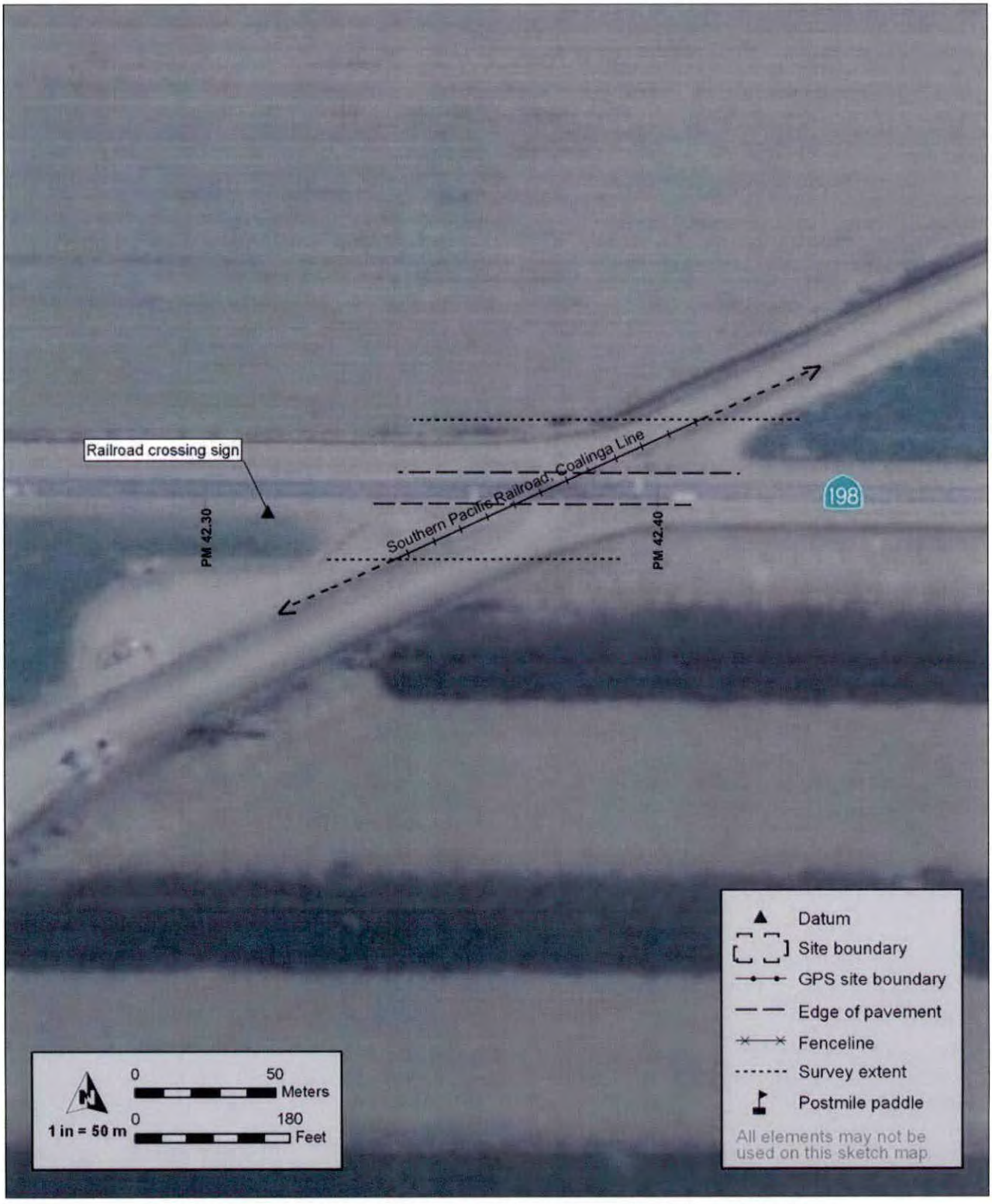
State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # P-10-003930
HRI # CA-FRE-31091H
Trinomial CA-FRE-03524H

*Resource Name or #: JFR-051

*Drawn By: Far Western and JRP Historical Consulting, LLC

*Date: 02/10/2009



Sketch map is based on 2009 GPS data collected within the highway right-of-way.

*Required Information

Supplement

P 10 - 05810

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # P-10-003930
~~HRI #~~ CA-FRE-3109H
Trinomial ~~CA-FRE-03526H~~
NRHP Status Code 7
Other Listings
Review Code _____ Reviewer _____ Date _____

*Resource Name or #: JFR-056

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By

P1. Other Identifier: San Joaquin Valley Railroad; Southern Pacific Railroad, West Side San Joaquin Valley Branch

*P2. Location: ☐ Not for Publication ☑ Unrestricted *a. County: Fresno

*b. USGS Quad: Multiple; T14S R15E, Sec. 9; MDB&M

c. Address:

d. UTM: Zone 11; 232925 mE/ 4069431 mN NAD27 Datum

e. Other Locational Data:

This resource consists of two segments of the San Joaquin Valley Railroad located on State Route (SR) 180 in Fresno County. The segments are partially within the right-of-way and adjacent to the edge-of-pavement on both sides of the highways. Specific locational information for each segment appears on the attached Linear Feature Records.

P2.b: Quads: Kearney Park (1963; photorevised 1981), Tranquillity (1956, photorevised 1981).

*P3a. Description:

This is a branch of the San Joaquin Valley Railroad recorded at two locations in rural Fresno County where the railroad crosses SR 180 (Segments A and B). Southern Pacific Railroad (SPRR) built this line as the West Side San Joaquin Valley Branch from Tracy to Fresno to service the growing agricultural region in this side of the valley. Construction continued for four years and this part of the railroad was completed around 1890. The West Side line joined the SPRR mainline in Fresno (Carothers 1934: 45; Vandor 1919: 272). The line currently runs from Oxalis (south of Tracy) to Fresno, and is operated by the San Joaquin Valley Railroad and owned by RailAmerica (RailAmerica 2008). Please refer to the attached Linear Feature Record for a description of the segments.

*P3b. Resource Attributes: HP11 (Engineering structure)

*P4. Resources Present: ☐ Building ☑ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



*P5b. Description of Photo:
Photograph 1. JFR-056, Seg A, 02, E -- 8869; facing east, showing Segment A crossing SR 180.

*P6. Date Constructed/Age & Sources:
☑ Historic ☐ Prehistoric ☐ Both
1890 (Carothers 1934)

*P7. Owner and Address:
RailAmerica, 7411 Fullerton Street, Suite 300
Jacksonville, FL 32256

*P8. Recorded by:
Joseph Freeman and Rebecca Flores, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis, CA 95618

*P9. Date Recorded: 2/11/2009

*P10. Survey Type:
Reconnaissance

*P11. Citation: Leach-Palm et al. 2010. Cultural Resources Inventory of Caltrans District 6 Rural Conventional Highways in Fresno, Kern, Kings, Madera, and Tulare Counties. Submitted to Caltrans District 6, Fresno, CA.

*Attachments: ☐ None ☑ Location Map ☑ Sketch Map ☑ Continuation Sheet ☐ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record ☑ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other:

*Required Information

Supplement

P 10 - 05810

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LINEAR FEATURE RECORD

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial ~~CA-FRE-03526H~~

 *Resource Name or #: JFR-056

L1. Historic and/or Common Name: San Joaquin Valley Railroad; Southern Pacific RR West Side San Joaquin Valley Branch

L2a. Portion Described: ☐ Entire Resource ☑ Segment ☐ Point Observation **Designation:** Segment A

L2b. Location of Point or Segment:
Segment A of the San Joaquin Valley Railroad is located on SR 180 from GIS-based post mile 27.32 to 27.36, on both sides of the highway, partially within the right-of-way and adjacent to the edge-of-pavement. From the intersection of Del Norte Avenue and SR 180 within the town of Kerman, drive 14.7 miles west on SR 180 to the railroad crossing sign (segment datum). The resource is located 150 feet east of the sign. USGS Quad: Tranquillity (1956, photorevised 1984); T14S R15E, Sec. 9; MDBM

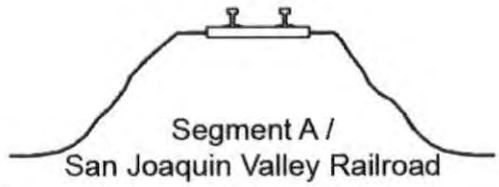
L3. Description:
The resource at this location is a standard gauge railroad with wood ties and stone ballast. Beyond the highway the roadbed is raised about five feet above the surrounding terrain. Between and along the rails at the crossing are concrete panels. Modern metal crossing signals and gates control vehicle traffic. Just outside the right-of-way, north of the highway, is a short spur to an industrial property.

Segment UTMs: 737701 mE/ 4068602 mN to 737770 mE/ 4068585 mN

L4. Dimensions:
- **a. Top Width:** 6 feet
- **b. Bottom Width:** 9 feet
- **c. Height or Depth:** 5 feet
- **d. Length of Segment:** 100 feet

L5. Associated Resources:
Spur line

L4e. Sketch of Cross-Section: **Facing:** Northwest



Not to scale

L6. Setting:
The railroad is located in the flat, agricultural landscape of the San Joaquin Valley.

L7. Integrity Considerations:
Unknown



L8b. Description of Photo, Map, or Drawing
JFR-056, Seg A, 03, W -- 8870; facing west, Segment A from SR 180, spur line on right.

L9. Remarks:

L10. Form Prepared By:
J. Freeman/S. Melvin/K. Clementi, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis CA 95618

L11. Date: 2/11/2009

Supplement

P 10 - 05810

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LINEAR FEATURE RECORD

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE-03526H

 *Resource Name or #: JFR-056

L1. Historic and/or Common Name: San Joaquin Valley Railroad; Southern Pacific RR West Side San Joaquin Valley Branch

L2a. Portion Described: ☐ Entire Resource ☑ Segment ☐ Point Observation **Designation:** Segment B

L2b. Location of Point or Segment:

Segment B of the San Joaquin Valley Railroad is located on SR 180 from GIS-based post mile 46.28 to 46.32, on both sides of the highway, partially within the right-of-way and adjacent to the edge-of-pavement. From the intersection of Dickenson Avenue and SR 180 in the town of Rolinda, drive 1.3 miles east on SR 180 to the intersection with Floyd Road (segment datum). The resource is located 300 feet west of the intersection. USGS Quad: Kearney Park (1963, photorevised 1981); T14S R18E, Sec. 3, 10; MDBM

L3. Description:

The resource at this location is a standard gauge railroad with wood ties and stone ballast. Beyond the highway the roadbed is raised about four feet above the surrounding terrain. Between and along the rails at the crossing are concrete panels. Modern metal crossing signals and gates control vehicle traffic.

Segment UTMs: 768421 mE/ 4069668 mN to 768530 mE/ 4069711 mN

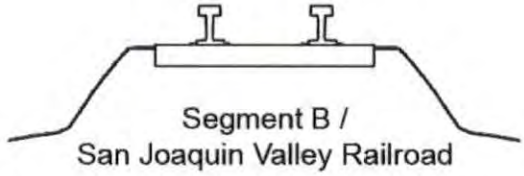
L4. Dimensions:

a. Top Width: 6 feet
b. Bottom Width: 9 feet
c. Height or Depth: 4 feet
d. Length of Segment: 100 feet

L5. Associated Resources:

None

L4e. Sketch of Cross-Section: **Facing:** Northeast



Not to scale

L6. Setting:

The railroad is located in the flat, agricultural landscape of the San Joaquin Valley.

L7. Integrity Considerations:

Unknown



L8b. Description of Photo, Map, or Drawing

JFR-056, Seg B, 03, E -- 8860; facing east, Segment B with SR 180 on right.

L9. Remarks:

L10. Form Prepared By:

J. Freeman/S. Melvin/K. Clementi, JRP Historical Consulting, LLC, 1490 Drew Ave, Suite 110, Davis CA 95618

L11. Date: 2/11/2009

P3a. Description (continued):

References:

Carothers, Alice L. "The History of the Southern Pacific Railroad in the San Joaquin Valley," Master's Thesis, University of Southern California, 1934.

RailAmerica. "San Joaquin Valley Railroad." RailAmerica website, 2008. Available at http://www.railamerica.com/ShippingServices/RailServices/SJVR.aspx (accessed July 2009).

USGS. "Kearney Park," 1:24000, topographic map, 1963, photorevised 1981.

USGS. "Tranquility," 1:31680, topographic map, 1924.

USGS. "Tranquility," 1:24000, topographic map, 1956, photorevised 1984.

Supplement

P 10 - 05810

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

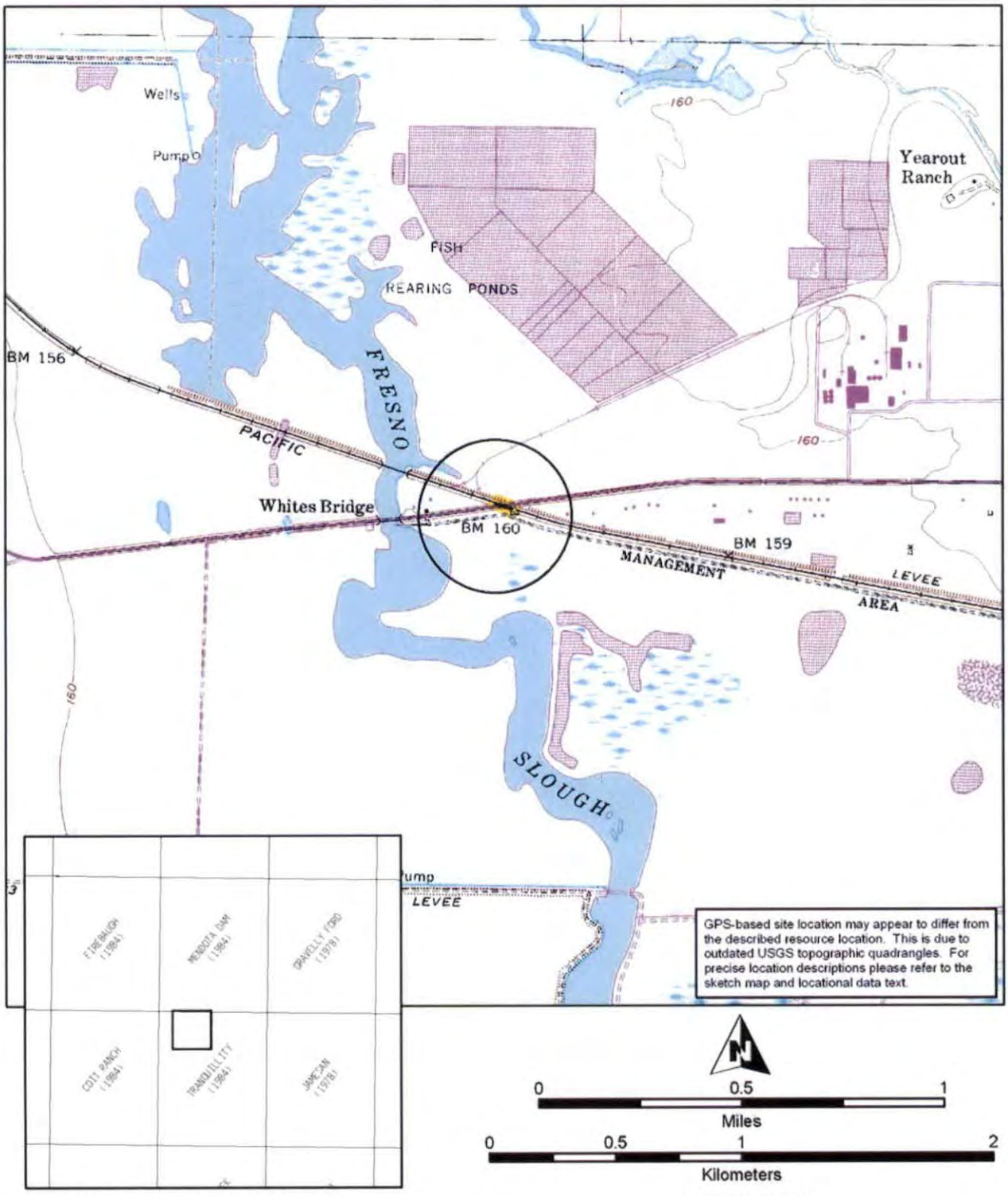
Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE-03526H

*Resource Name or #: JFR-056

*Map Name: Tranquility (1984)

Seg A

*Year: 1984



Key to USGS 7.5' quads depicted

SCALE 1:24,000

Location Map for Segment A

*Required Information

Supplement

~~P 10 - 05810~~

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

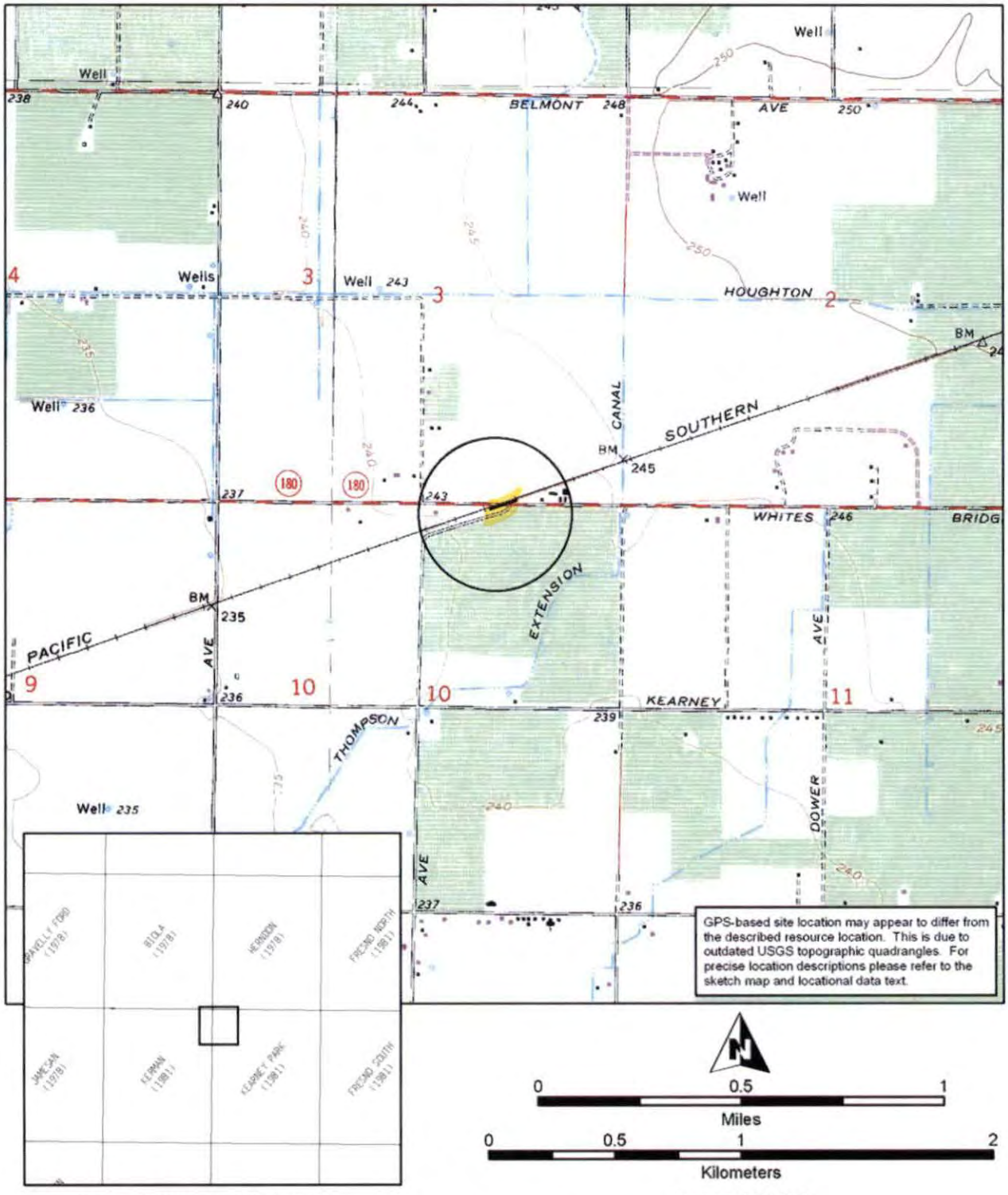
LOCATION MAP

Primary # P-10-003930
~~HRI #~~ CA-FRE-3109H
Trinomial ~~CA-FRE 03520H~~

*Resource Name or #: JFR-056

*Map Name: Kearney Park (1981), Kerman (1981) Seg B

*Year: 1981



Key to USGS 7.5' quads depicted

SCALE 1:24,000

Location Map for Segment B

*Required Information

Supplement

P 10 - 05810

State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE-03526H

*Resource Name or #: JFR-056

*Drawn By: Far Western and JRP Historical Consulting, LLC

*Date: 02/11/2009



Sketch map is based on 2009 GPS data collected within the highway right-of-way.
Sketch Map for Segment A

*Required Information

Supplement

P 10 - 05810

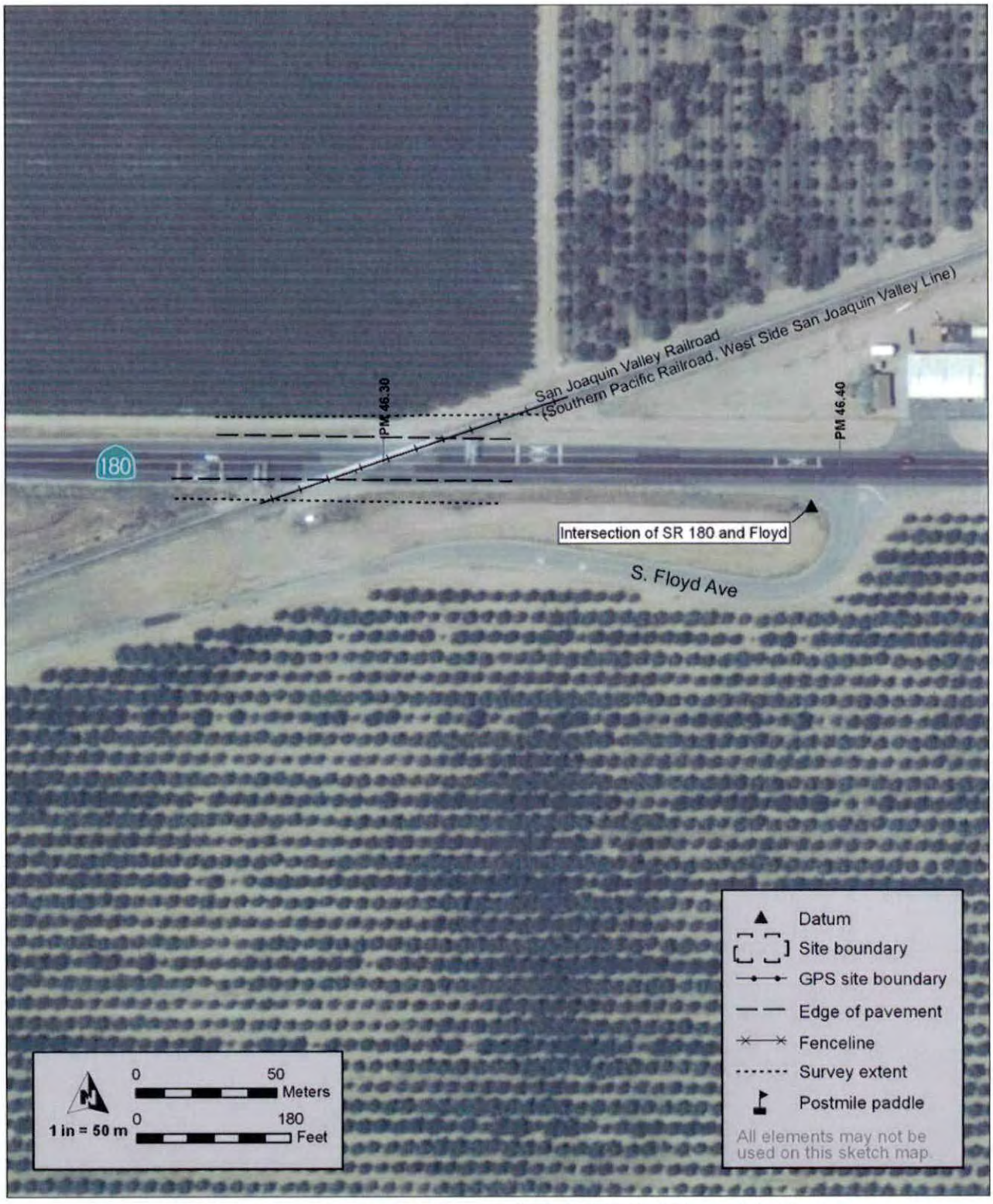
State of California - The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # P-10-003930
HRI # CA-FRE-3109H
Trinomial CA-FRE-03526H

*Resource Name or #: JFR-056

*Drawn By: Far Western and JRP Historical Consulting, LLC

*Date: 02/11/2009



Sketch map is based on 2009 GPS data collected within the highway right-of-way.
Sketch Map for Segment B

*Required Information

Supplement

P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code 6
Other Listings
Review Code Reviewer Date

Page 1

*Resource Name or # (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

P1. Other Identifier: Southern Pacific Railroad Spur; Union Pacific Railroad Spur

*P2. Location: ☐ Not for Publication ☒ Unrestricted *a. County Fresno

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Malaga 1964 (photorevised 1981) T 14S; R 20E; Sec 24 & 25; M.D. B.M.

c. Address _____ City Fresno Zip 93725

d. UTM: (give more than one for large and/or linear resources) See attached Linear Feature Records

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

See attached Linear Feature Records

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

This form addresses a spur line of the former Southern Pacific Railroad, now owned by the Union Pacific Railroad. Although the main line was established to this portion of Fresno County in the 1870s, the spur was built between 1950 and 1957 to serve Producer's Cotton Oil Company's newly established warehouse facility, located on the north side of East North Avenue between South Maple and South Chestnut avenues, approximately one-half mile east of the main tracks. The spur was acquired by the Union Pacific Railroad in 1996 and is still in use, apparently as a siding for railroad stock. The connection to the Producer's Cotton Oil Company warehouse complex, now owned by Anderson Clayton Corporation, is no longer in use. (See Continuation Sheet)

*P3b. Resource Attributes: (List attributes and codes) (HP11) Engineering structure

*P4. Resources Present: ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)

P5b. Description of Photo: (View, date, accession #) See photographs on attached Linear Feature Records and Continuation Sheet.

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both
Circa 1950-1957

*P7. Owner and Address:
Union Pacific Railroad
1416 Dodge Street
Omaha, NE 68179

*P8. Recorded by: (Name, affiliation, address)
Bryan Larson, Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

*P9. Date Recorded: January 14, 2004

*P10. Survey Type: (Describe)
Intensive

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") none

*Attachments: ☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

DPR 523A (1/95)

*Required Information

Supplement

P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # P-10-003930
HRI #
CA-FRE-3109H

*NRHP Status Code 6

*Resource Name or # (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

B1. Historic Name: Producers Cotton Oil Company Spur, Southern Pacific Railroad

B2. Common Name: Union Pacific Railroad Spur

B3. Original Use: Railroad spur B4. Present Use: Railroad spur

*B5. Architectural Style: Utilitarian

*B6. Construction History: (Construction date, alteration, and date of alterations) Circa 1950-1957

*B7. Moved? ☒ No ☐ Yes ☐ Unknown Date: _____ Original Location: _____

*B8. Related Features:

B9. Architect: Unknown b. Builder: Southern Pacific Railroad

*B10. Significance: Theme n/a Area n/a

Period of Significance n/a Property Type n/a Applicable Criteria n/a

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

This property has been evaluated in accordance with Section 15064.5 (1)(2)-(3) of the CEQA Guidelines using the criteria outlined in Section 5024.1 of the California Public Resources Code. It does not appear to meet the criteria for listing in the California Register of Historical Resources. In addition, this property has been evaluated in accordance with Policies OS-J.1 and OS-J.4, outlined in the County of Fresno's Draft General Plan and EIR (2000). The railroad spur evaluated on this form does not appear to be historically significant under these guidelines, and therefore does not appear eligible for listing on the Index of Historic Properties in Fresno County. (See Continuation Sheet)

B11. Additional Resource Attributes: (List attributes and codes) _____

*B12. References: Earle Heath, *Seventy-Five Years of Progress: Historical Sketch of the Southern Pacific* (San Francisco: Southern Pacific Bureau of News, 1945); Don L. Hofsommer, *The Southern Pacific: 1901-1985* (College Station: Texas A&M University Press, 1986; USGS 7.5 Minute Topographic Quadrangles, *Malaga, Calif.*, 1946-1972; Aerial Photographs, Fresno Irrigation District Engineering Files, 1937-1992.

B13. Remarks:

*B14. Evaluator: Bryan Larson & Cindy Toffelmier

*Date of Evaluation: February 6, 2004

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

See "Location Map" on Continuation Sheet.

*Required Information

Supplement

P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

***Resource Name or #** (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

L1. Historic and/or Common Name: Producers Cotton Oil Company Spur, Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource Segment ☒ Point Observation **Designation:** Recordation Point 1

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/254797E/4063626N

On the east side of Golden State Boulevard, across from the intersection with South Maple Avenue.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

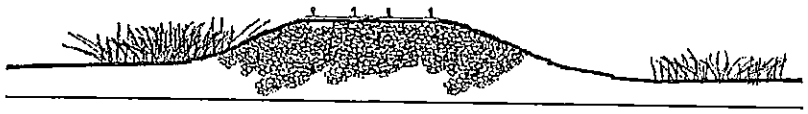
At this point the spur departs the Southern Pacific main line in an easterly direction. The spur consists of two sets of tracks carried on a broad, shallow berm of crushed granite ballast. No date stamps were observed on the rails, which may be original and date to the period of construction in the 1950s.

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** approximately 20 feet
b. **Bottom Width** approximately 30 feet
c. **Height or Depth** approximately 2 feet
d. **Length of Segment** n/a

L5. Associated Resources:

L4e. Sketch of Cross-Section (include scale) **Facing:** East

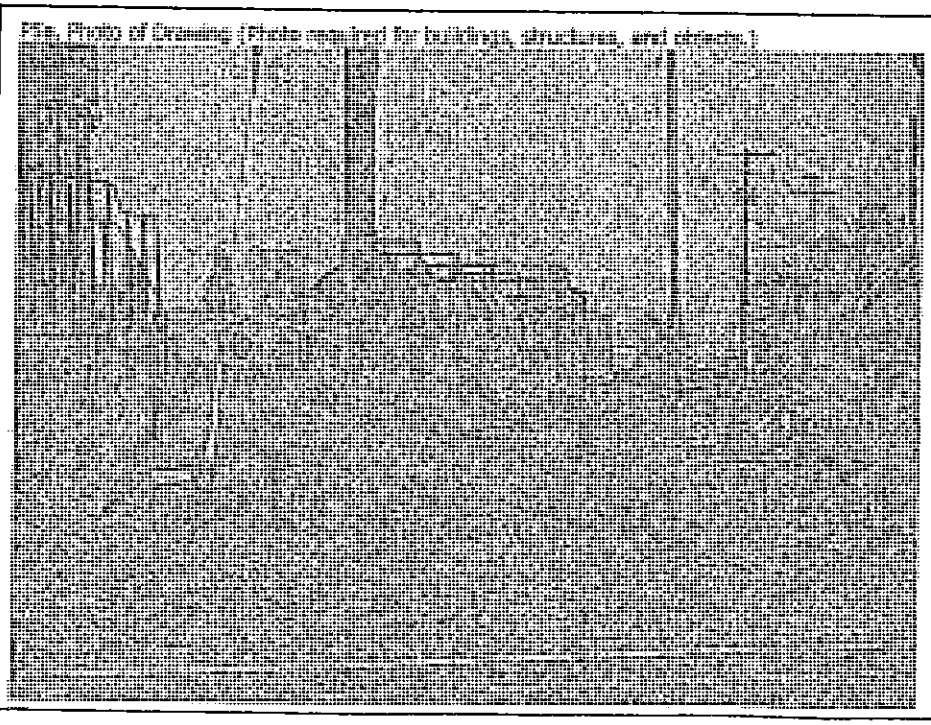


L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)

This recordation point is located between industrial sites to the north and south, and a mixed commercial and residential area to the west, on the opposite side of Golden State Boulevard.

L7. Integrity Considerations:

Moderate; rails may be original, but ballast and many of the ties appear to have been installed recently.



L8b. Description of Photo, Map, or Drawing: Photograph 1. Facing east from Golden State Avenue.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)

Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

*Required Information

Supplement

P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

***Resource Name or #** (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

L1. Historic and/or Common Name: Producers Cotton Oil Company Spur, Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource Segment ☒ Point Observation **Designation:** Recordation Point 2

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/255270E/4063612N

At southern intersection with the Fresno Irrigation District Central Canal.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

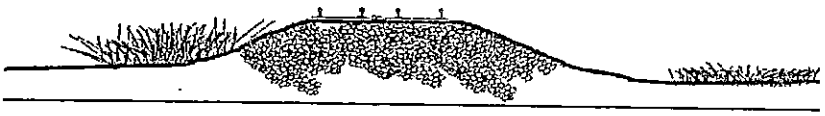
This point is similar to Recordation Point 1 in terms of dimensions and materials. It consists of a double track carried on a broad, shallow berm of crushed granite ballast. Some sections of rail were imprinted with a 1934 date stamp.

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** approximately 20 feet
b. **Bottom Width** approximately 30 feet
c. **Height or Depth** approximately 2 feet
d. **Length of Segment** n/a

L5. Associated Resources:

L4e. Sketch of Cross-Section (include scale) **Facing:** West

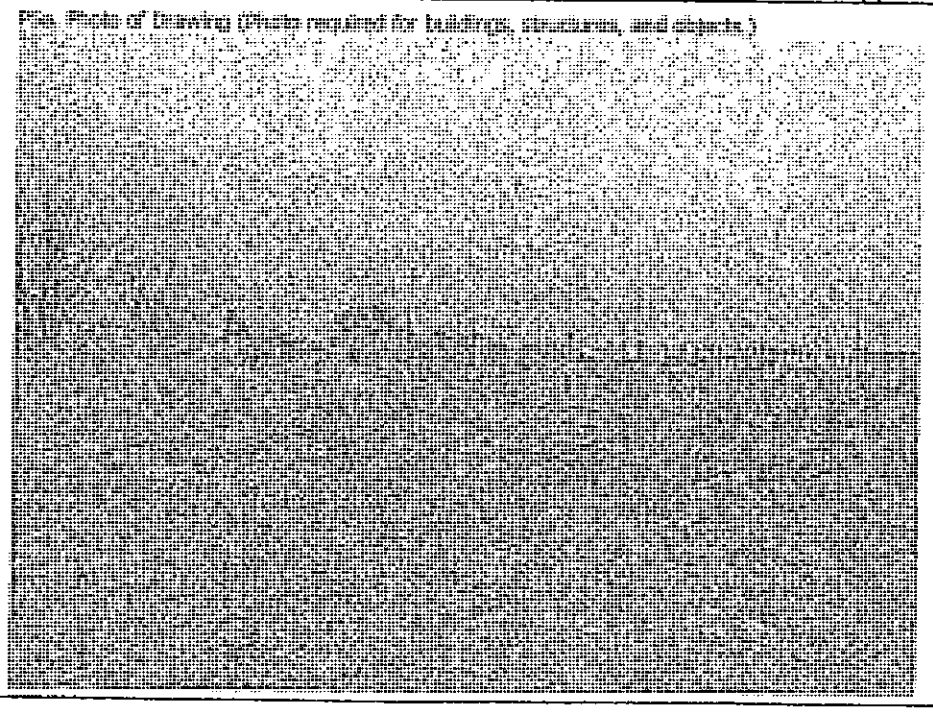


L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)

Vacant land to the north and south, light industrial and commercial complexes to the east.

L7. Integrity Considerations:

Moderate; rails may be original, but ballast and many of the ties appear to have been installed recently.



L8b. Description of Photo, Map, or Drawing: Photograph 2. Facing west toward Golden State Avenue.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)

Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

*Required Information

Supplement

P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

*Resource Name or # (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

L1. Historic and/or Common Name: Producers Cotton Oil Company Spur, Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource Segment ☒ Point Observation **Designation:** Recordation Point 3

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/255541E/4064030N

South side of East North Avenue, a short distance west of South Chestnut Avenue.

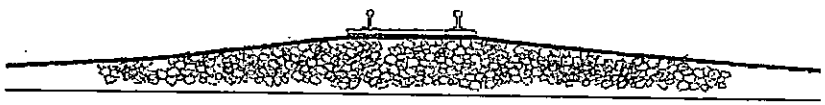
L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

This point on the spur line marks the location of lateral turnout, a switch where the two tracks join into one to cross East North Avenue. South of the intersection the track is carried on a shallow berm of crushed granite ballast (**Photograph 3**). The spur crosses E. North Avenue at grade (**Photograph 4**). No date stamps were observed on the rails, which may be original and date to the period of construction during the 1950s.

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** approximately 10 feet
b. **Bottom Width** approximately 15 feet
c. **Height or Depth** approximately 1 foot
d. **Length of Segment** n/a

L4e. Sketch of Cross-Section (include scale) **Facing:** Southwest



L5. Associated Resources:

Steel manual switch, shown at bottom right of **Photograph 3**, below.

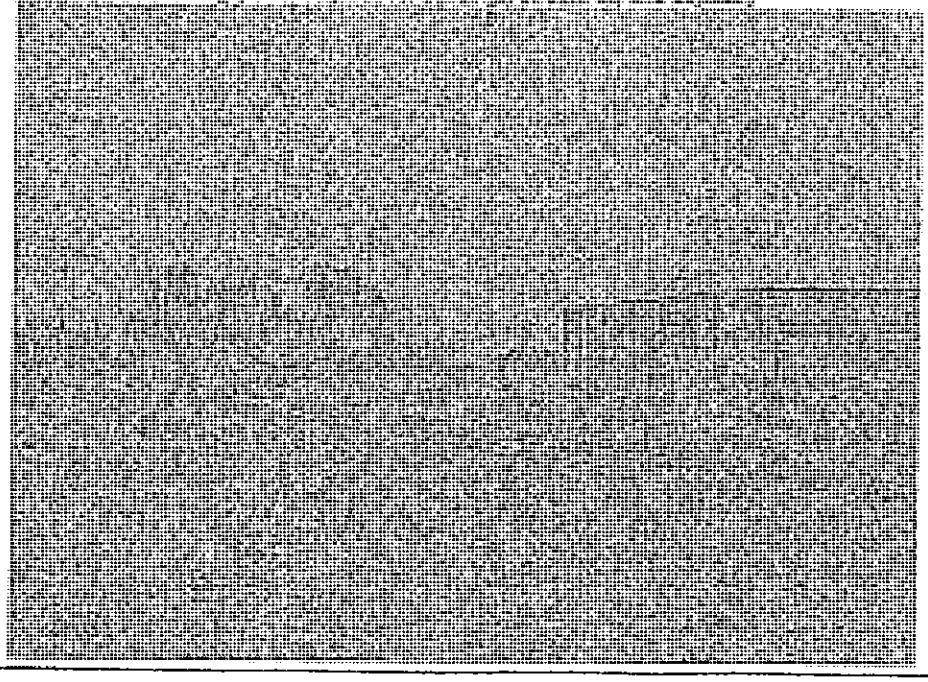
L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)

The Central Canal and a row of residences are located to the east, and warehouse complexes are located to the west and north.

L7. Integrity Considerations:

Moderate; rails may be original, but ballast and many of the ties appear to have been installed recently.

L8a. Photo or Drawing (Photo required for buildings, structures, and objects.)



L8b. Description of Photo, Map, or Drawing: Photograph 3. Facing southwest from East North Avenue.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)

Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

Supplement

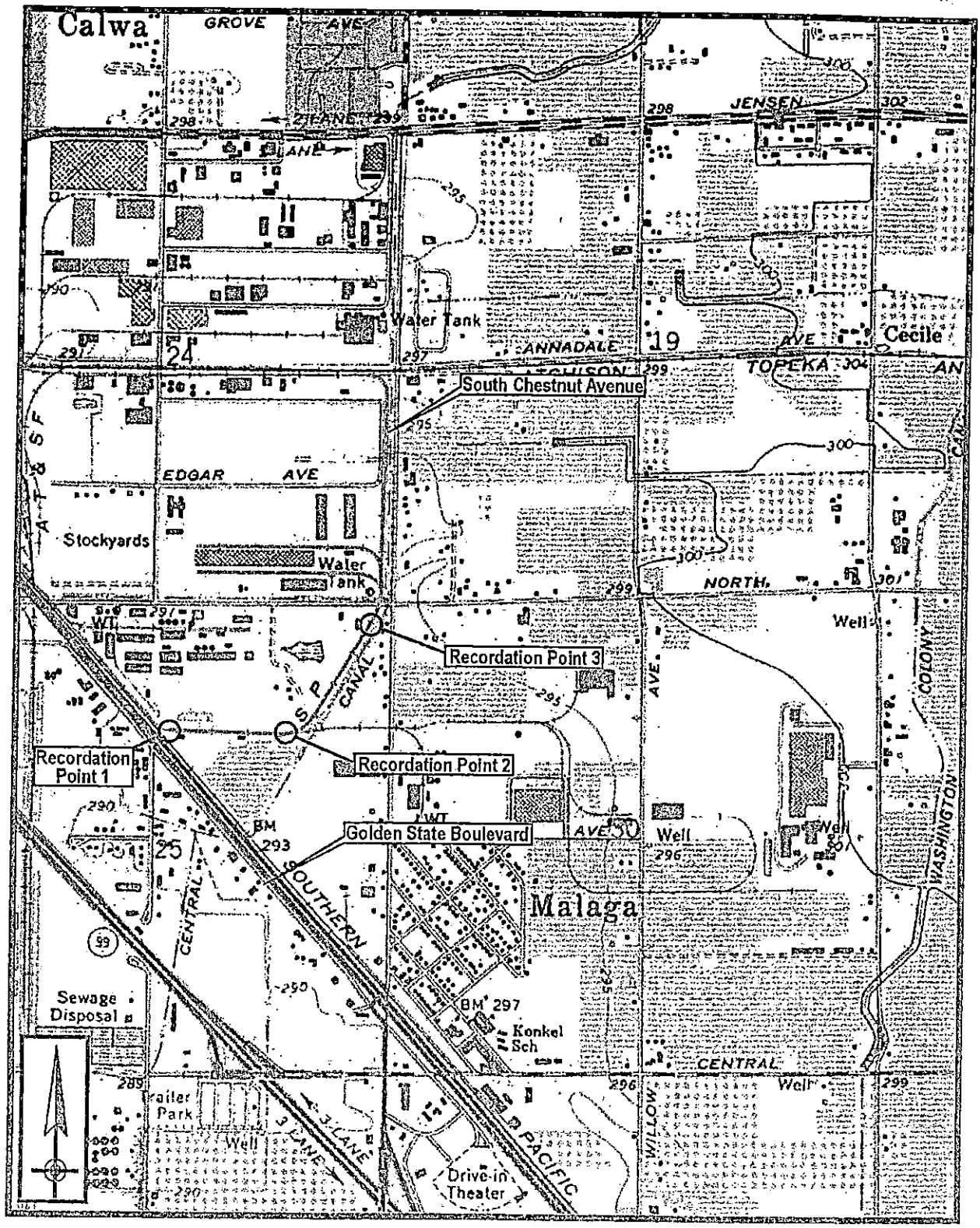
P-10-003930
CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-003934
HRI #
Trinomial CA-FRE-3604H

Page 6 *Resource Name or # (Assigned by recorder) Railroad Spur, Producers Cotton Oil Co.

Map Name *Malaga 7.5' USGS Quadrangle* Scale 1:24,000 Date of Map 1964 (photorevised 1981)



*Required Information

P3a. Description (continued):

The spur departs from the Southern Pacific main line at Golden State Boulevard across from South Maple Avenue, in an unincorporated area of Fresno County south of Calwa and north of Malaga. From that junction it travels east toward South Chestnut Avenue, then veers north toward East North Avenue, following an alignment parallel to and just west of the Central Canal. The spur line then crosses East North Avenue and continues due north for one-half mile to its termination point at the Burlington Northern Santa Fe (formerly the Atchison Topeka & Santa Fe) tracks at Annadale Avenue. A short distance north of East North Avenue two sidings depart the spur line to the west and enter the Anderson Clayton Corporation warehouse complex. For most of the section within the study area, the spur consists of a double set of tracks, but joins into one track at the East North Avenue crossing and remains single tracked for the rest of its length.

B10. Significance (continued):

The spur line addressed on this form was designed to serve as a freight connection for the Producers Cotton Oil Company warehouse facility, established between 1950 and 1957 on a parcel located on the north side of East North Avenue, between South Maple and South Chestnut avenues. The spur was built during a period of dramatic increases in rail transportation, which had begun shortly after the outset of World War II. Southern Pacific set all time freight and passenger records between 1941 and 1945. During this four-year interval, the volume of traffic in California increased eight-fold, and Southern Pacific responded by making major improvements to its infrastructure and rolling stock. The company installed 1,400 miles of heavy duty rails and numerous sidings and spurs from its main lines to military and industrial complexes throughout the state. Additional changes included strengthening and improving bridges and trestles, installation of new roundhouse and shop facilities, and station expansions. After the war, Southern Pacific used its wartime gains to enhance its operating system. By 1951, an average of 439 miles of track were outfitted each year with new, heavier rail on the main lines to carry larger locomotives and longer freight trains. Upgrades to the main line through the San Joaquin Valley included the installation of new welded rails called "ribbon rails" manufactured at the Tracy rail-welding plant.[1]

Reflecting statewide trends, the network of spur lines in the unincorporated area south of the City of Fresno was also rapidly developing. In the immediate post-war period, the mixed agricultural and residential character of the region in and around Malaga and Calwa began its steady transition toward predominantly industrial and light industrial use, a trend that continues to the present. In 1946, there were just two spur lines present in this area, each serving a small industrial complex. By 1964, the density of development in the area had increased dramatically, and the number of railroad spur lines had tripled.[2]

As discussed above, the spur line documented on this form was built during the 1950s, amidst the period of rapid industrial development in this part of Fresno County. It appears that it was built specifically to provide a transportation link between the Southern Pacific main line and the Producers Cotton Oil Company warehouse complex, which began developing during the same period. Producers Company established a presence in the area in

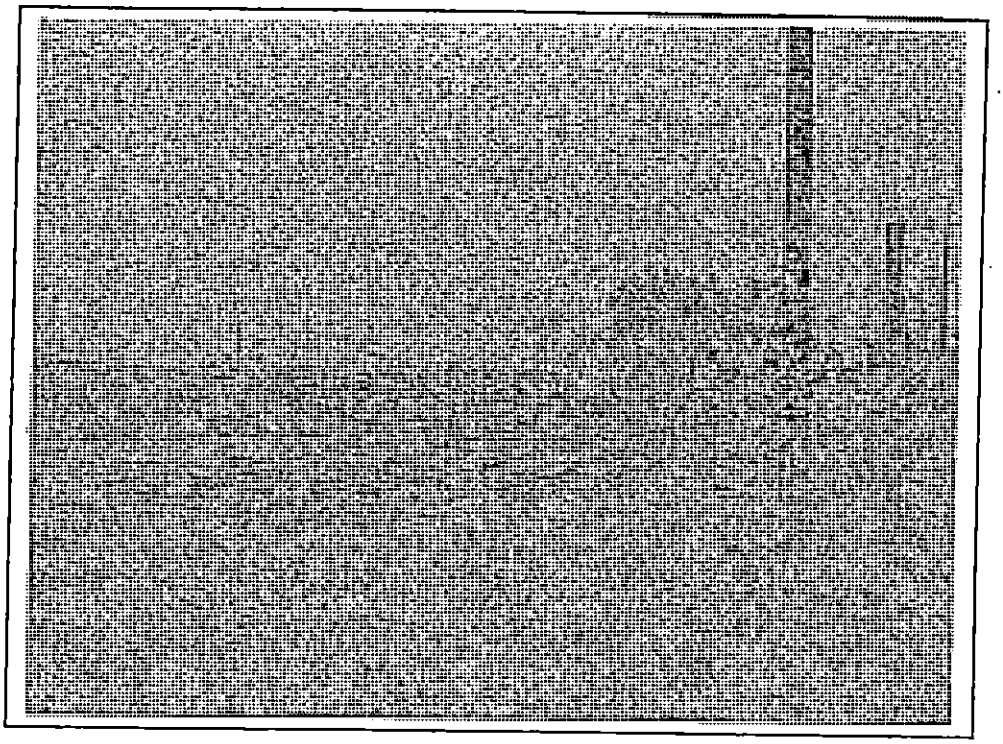
[1] Don L. Hofsommer, *The Southern Pacific: 1901-1985* (College Station: Texas A&M University Press, 1986); Earle Heath, *Seventy-Five Years of Progress: Historical Sketch of the Southern Pacific* (San Francisco: Southern Pacific Bureau of News, 1945).
[2] USGS 7.5 Minute Topographic Quadrangles, *Malaga, Calif.*, 1923, 1946, and 1964.

the early 1930s, with the opening of a cottonseed oil plant in a former meat packing facility on the south side of East North Avenue at South Maple Avenue. After an initial period of difficulty, the operation became successful and began to expand its industrial plant.[3] Producers Company established its warehouse facility on acreage just to the northeast of the cotton oil plant as part of this expansion process.

This railroad spur built to service the Producers Company warehouse facility does not appear to meet the eligibility criteria for the California Register. The spur line does not appear to be important within the context of railroad history, nor is it associated with industrial developments that have made a significant contribution to the broad patterns of California's history and cultural heritage (Criterion 1). Furthermore, it is not known to be associated with persons important to our past (Criterion 2). The spur line does not represent an advancement in railroad transportation, nor does it embody the distinctive characteristics of a type, period, or method of construction (Criterion 3). In rare instances, buildings or structures can serve as sources of important information about historic construction materials or technologies (Criterion 4); however, railroad lines of the simple type of construction exhibited in this spur line does not contain any unusual structures. These types of railroad segments are well-documented in the literature on railroad engineering and do not appear to be a principal source of important information in this regard.

[3] PRODUCERS COMPANY.

Photographs (continued):



Photograph 4. Spur on north side of East North Avenue (Recordation Point 3), showing sidings entering the old Producers Cotton Oil Company warehouse complex.

UPDATE

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109 H
NRHP Status Code
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or #: (Assigned by recorder) TV#1

P1. Other Identifier: Southern Pacific Railroad - Coalinga

*P2. Location: X Not for Publication ☐ Unrestricted *a. County Fresno and (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.) *b. USGS 7.5' Quad Coalinga Date 1956 p.r. 1979 T 20S; R 15E; SE1/4 of SE 1/4 of the SW 1/4 of Sec 26; M.D.B.M.

c. Address Phelps Avenue City Coalinga Zip 93210

d. UTM: (Give more than one for large and/or linear resources) Zone 10, 620741 mE/ 8604003 mN
100742 mE/ 8804003 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
The resource is located in Pleasant Valley ca. 2 miles NE of Coalinga. The railroad grade parallels Phelps Avenue and runs on the southern section line of Section 23.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
1870-1874: SPR main line completed through San Joaquin Valley
1876: Began branch line west from town of Goshen (known as Goshen Division)
1877: Line extended to Lemoore and Hanford and shortly thereafter extended to Huron. Huron remained terminus until 1888.
1888: Goshen line extended to Alcalde, near Coalinga.
The rails and ties were removed from the survey area 10-15 years ago, but the grade is still evident. Only 1808 feet were surveyed for this project. Condition: good, but weathering. Many large river rocks were scattered alongside the grade. Some gravel alongside and on top of grade. Five rusted railroad spikes and a few pieces of oxidized glass were noted.

*P3b. Resource Attributes: (List attributes and code) AH 7. Railroad grade

*P4. Resources Present: ☐ Building ☐ Structure ☐ Object X Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (view, date, accession #) facing west 10-25-02

*P6. Date Constructed/Age and Source:
X Historic ☐ Prehistoric ☐ Both
1888

P7. Owner and Address:
William J. Mouren Farming, Inc.
P. O. Box 835
Coalinga, CA 93210

*P8. Recorded by: (Name, affiliation, and address)
Peggy B. Murphy
Three Girls and a Shovel
2820 Alta Vista
Bakersfield, CA 93309

P9. Date Recorded 10-25-02

P10. Survey Type: (Describe)
reconnaissance survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Phase 1 Cultural Resources Assessment for Ten-Acre Oil Well Site and Associated 1.5 mile Pipeline, Tri-Valley Oil and Gas Company, Oil Creek #1-23 Coalinga, Fresno County, California

*Attachments: ☐ NONE X Location Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☐ Archaeological Record ☐ District Record X Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List):

UPDATE

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

LINEAR FEATURE RECORD

 Resource Name or #: (Assigned by recorder) TV#1

L1. Historic and/or Common Name: Southern Pacific Railroad - Coalinga

L2a. Portion Described: ☐ Entire Resource X Segment ☐ Point Observation **Designation**

b. Location of point or segment: (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been fieldinspected on a Location Map.)
Railroad grade runs on the southern boundary line of Section 26, Coalinga 7.5' Topographic Quadrangle M.D.B.M T 20 S R15E 620741mE 8604003mN=western survey terminus;
100742mE 8804003mN=eastern survey terminus

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)
Southern Pacific Railroad line constructed about 1888 . The rails and ties were removed 10-15 years ago, but the grade is still evident. Only 1880 feet were surveyed for this project. This project, an oil pipeline, wiill be located 100 feet north of the railroad grade therefore no adverse impact will occur as a result of this project. The condition of the grade is good, but it is weathering. Five rusted railroad spikes and a few pieces of oxidized glass were noted on or beside the grade.

L4. Dimensions: (In feet for historic features and meters for prehistoric features)
- **a. Top Width** approximately 8 feet
- **b. Bottom Width** N/A
- **c. Height or Depth** approx. 2 feet high
- **d. Length of Segment** surveyed:1800 feet

L4e. Sketch of Cross Sections (Include scale) Facing _____

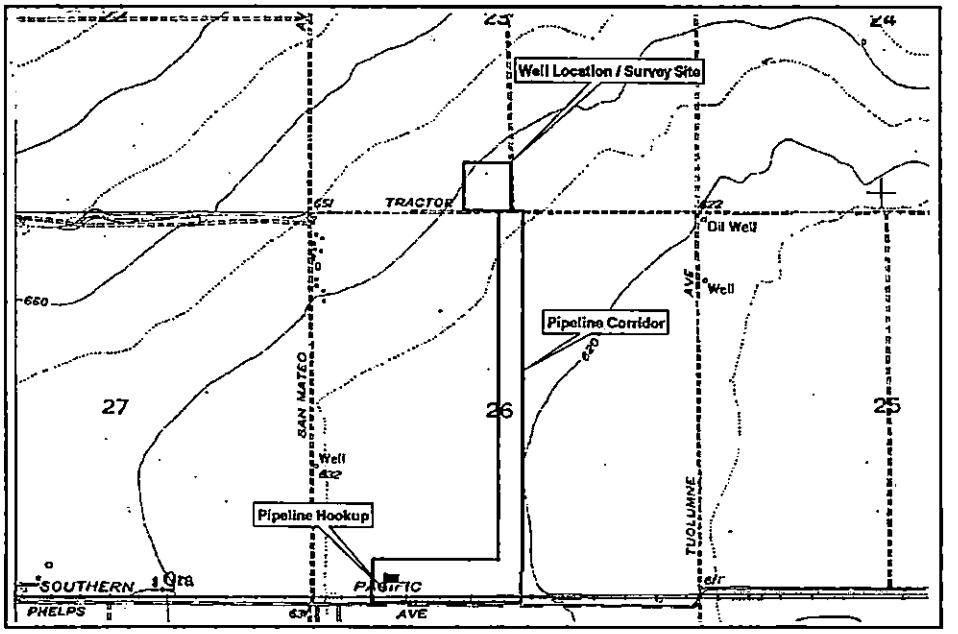
L5. Associated Resources:
none were discovered

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.):
Land is flat in this area. Mostly agricultural land use. Area located in Pleasant Valley on alluvial fan.

L7. Integrity Considerations:
Only the railroad grade remains. It is in good condition in this area.

L8b. Description of Photo, Map, or Drawing (View, scale, etc.)
Coalinga 7.5' map (1956 p.r.1979) with project survey and railroad grade marked

L9. Remarks:



L10. Form Prepared by: (Name, affiliation, and address)
Peggy B. Murphy
Three Girls and a Shovel
2820 Alta Vista
Bakersfield, CA 9330

L11. Date: 10-25-02

Applied EarthWorks, Inc.

PRIMARY RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H
NRHP Status Code

Page 1 of 10 Other Listings
Review Code Reviewer Date

P1. Temporary Number/Resource Name: Map ID 32; San Joaquin Valley Railroad/Pollasky Grade/Southern Pacific Railroad

P2. Location: a. County: Fresno ✓ **Not for Publication** ☐ **Unrestricted**
b. USGS 7.5' Quad: Friant, CA (3788) **Date** 1964 (see continuation page)
c. Address: Mt. Diablo **B.M.**
d. Zone: 11 UTM (see continuation page)
e. Other Locational Data: From the intersection of Friant Road and Willow Avenue, the railroad grade is approximately 80 feet upslope to the east. From here it contours north to the town of Friant, the northern terminus for the railroad grade. The southern extension travels beyond that portion recorded during the current project, which extends approximately 0.25 mile south of the Friant Road and Willow Avenue intersection.

P3a. Description: The site is the earthen grade of the San Joaquin Valley Railroad constructed between Fresno and Friant in 1892.

P3b. Resource Attributes: (List attributes and codes) Railroad grade (AH7).

P4. Resources Present: ☐ Building ☐ Structure ☐ Object ✓ Site ☐ District ☐ Element of District ☐ Other

P5. Photograph or Drawing (photograph required for buildings, structures, and objects):

Photograph not required.

P6. Date Constructed/Age: 1892 ☐ Prehistoric ✓ Historic ☐ Both

P7. Owner and Address: County of Fresno, 2220 Tulare Street, Fresno, California 93721. Site also crosses various private landholdings.

P8. Recorded by: S. Hooper, S. Flint, Applied EarthWorks, Inc., 5090 N. Fruit Ave., Suite 101, Fresno, CA 93711

P9. Date Recorded: 18 January 1999

P10. Survey Type: ✓ Intensive ☐ Reconnaissance ☐ Other
Describe: Pedestrian transects in right-of-way for Friant Road Improvement Project.

P11. Report Citation:

Flint, Sandra S., and Barry A. Price
2001 *Archaeological Survey Report for the Friant Road Improvement Project, Fresno County, California*. Applied EarthWorks, Inc., Fresno, California. Prepared for The Twining Laboratories, Fresno, California. Submitted to the County of Fresno, Public Works Department, Fresno, California, and California Department of Transportation, District 6, Fresno, California.

Palmer, Kevin (Lex), Barry A. Price, and Sandra S. Flint
2001 *Historic Study Report for the Friant Road Improvement Project, Fresno County, California*. Applied EarthWorks, Inc., Fresno, California. Prepared for The Twining Laboratories, Fresno, California. Submitted to the County of Fresno, Public Works Department, Fresno, California, and California Department of Transportation, District 6, Fresno, California.

Attachments: ☐ NONE ✓ Location Map ☐ Site/Sketch Map ✓ Continuation Sheet
☐ Building, Structure, and Object Record ✓ Archaeological Record ☐ District Record ✓ Linear Feature Record
✓ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list):

Temporary Number/Resource Name: Map ID 32; San Joaquin Valley Railroad/Pollasky Grade/Southern Pacific Railroad

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P2b. Section 7: T 11S; R21E
Section 18: T 11S; R21E
Section 19: T 11S; R21E
Section 30: T 11S; R21E
Section 31: T 11S; R21E
Section 36: T 11S; R21E
Section 1: T 12S; R21E

P2d. UTMs:

A	4089100 mN	256760 mE
B	4090460 mN	256910 mE
C	4091800 mN	257140 mE
D	4093180 mN	257370 mE
E	4094600 mN	257200 mE
F	4095720 mN	257960 mE
G	4096200 mN	258370 mE

Temporary Number/Resource Name: Map ID 32; San Joaquin Valley Railroad/Pollasky Grade/Southern Pacific Railroad

A1. Dimensions: a. Length approx. 3,760 feet (N/S) **x** **b. Width** approx. 20 feet (E/W)

Method of Measurement: ☐ Paced ✓ Taped ☐ Visual estimate ✓ Other : Map

Method of Determination (check any that apply): ☐ Artifacts ✓ Features ☐ Soil ☐ Vegetation ☐ Topography ☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ✓ Other (explain): Measurement of width of berm and length plotted on maps.

Reliability of Determination: ✓ High ☐ Low Explain:

Limitations (check any that apply): ☐ Restricted access ☐ Paved/built over ✓ Disturbances ✓ Site limits incompletely defined ☐ Other (explain):

A2. Depth: N/A ☐ None ☐ Unknown
Method of determination:

A3. Human Remains: ☐ Present ✓ Absent ☐ Possible ☐ Unknown (explain):

A4. Features (Number, describe, indicate size, list associated cultural constituents, and show location of each on sketch map): Several (8+) concrete culverts are located along the grade. One is inscribed with the date 1911 (Feature A on site map). A wooden culvert (Feature B on site map) is on a section of the grade near Lost Lake. The wooden culvert is 264 feet south of the intersection of Friant and Lost Lake roads, is constructed from milled boards (2 x 3 inches; 2 x 5 inches; and 3 x 9 inches) and wire nails, and is A-shaped in cross-section. A U.S. Geological Survey marker (BM 324) dating to 1941 is embedded in the top of one of the concrete culverts on the railroad grade (Feature C on site map).

A5. Cultural Constituents (not associated with features): An isolated bottle and bottle base are adjacent to the grade across from the road into Lost Lake Recreation Area. The bottle is a crown-cap beer bottle of brown glass embossed Duraglass with a manufacture date of 1946. The aqua bottle base is embossed CALIFO . . .

A6. Were Specimens Collected? ✓ No ☐ Yes (If yes, attached Artifact Record or catalog.)

A7. Site Condition: ✓ Good ✓ Fair ✓ Poor **Disturbances:** Site condition varies along the grade from good to poor. Portions of the grade are currently being affected by earthmoving construction activities. Other sections of the grade also have been destroyed by previous developments and erosion or flooding. Cattle also graze over portions of the grade, and in some locations the grade is used as a road.

A8. Nearest Water (type, distance, and direction): Little Dry Creek, a seasonal drainage, flows in a westerly direction through the railroad grade. The San Joaquin River, a perennial stream, flows in a southerly direction approximately 1.0 mile west. Several small, unnamed seasonal drainages also traverse the grade in a westerly direction.

A9. Elevation: The recorded portion of railroad extends from ca. 317 feet to ca. 360 feet amsl.

A10. Environmental Setting (vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The railroad grade contours across west-facing slopes on the south end of the recorded grade segment and over alluvial flood materials along the base of hills. The grade crosses Little Dry Creek and several small streams on open, grassy agricultural and ranching properties. Vegetation consists primarily of grasses.

Temporary Number/Resource Name: Map ID 32; San Joaquin Valley Railroad/Pollasky Grade/Southern Pacific Railroad

A11. Historical Information (full citations in A15 below): The railroad was constructed in 1892 by the San Joaquin Valley Railroad Company, organized by Marcus Pollasky with local Fresno businessmen. It ran from Fresno to Hamptonville, considered a temporary terminus adjacent to the San Joaquin River. To celebrate the railroad, Hamptonville was renamed Pollasky until Marcus Pollasky suddenly left town. The railroad was never extended past Pollasky, but was sold to Southern Pacific, and the town was renamed Friant after Thomas Friant of the White-Friant Lumber Company (Clough and Secrest 1984:281).

A12. Age: ☐ Prehistoric ☐ Protohistoric ☐ 1542–1769 ☐ 1769–1848 ☐ 1848–1880 ✓ 1880–1914 ☐ 1914–1945 ☐ Post 1945 ☐ Undetermined **Describe position in regional prehistoric chronology or factual historic dates, if known:** Constructed in 1892.

A13. Interpretations: The site is the railroad grade for the San Joaquin Valley Railroad.

A14. Remarks: Only that portion of the railroad grade within and immediately adjacent to the current project was recorded. The railroad grade extends farther south to a currently unknown location, and north to the previous depot/terminus in Friant.

A15. References:

Clough, Charles W., and William B. Secrest, Jr.
1984 *Fresno County, The Pioneer Days.* Panorama West Books, Fresno, California.

A16. Photographs: Roll Friant-1, Frames 1–9; Roll HASR-3, Frames 7–9 and 14–16
Original media/negatives kept at: Applied EarthWorks, Inc., 5090 N. Fruit Ave., Suite 101, Fresno, CA 93711

A17. Form Prepared By: S. Flint, S. Hooper **Date:** 18 January 1999; updated 30 July 2000
Affiliation and Address: Applied EarthWorks, Inc., 5090 N. Fruit Ave., Suite 101, Fresno, CA 93711

L1. Historic and/or Common Name: Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource ✓ Segment ☐ Point Observation **Designation:**
b. Location of point or segment: From the intersection of Friant Road and Willow Avenue, the railroad grade is approximately 80 feet upslope to the east. From here, it extends north for about 4.5 miles and south for 1.0 mile.

L3. Description: The site is a large earthen berm measuring an average of 20 feet wide at the top, 22 feet wide at the base, and rises 2.0 feet above the ground surface. The berm was constructed with compact alluvium of silty sand and gravels. Where the railroad feature traverses the foothill slopes, the grade has been cut into the slope.

L4. Dimensions:
a. Top Width: 20 feet
b. Bottom Width: 22 feet
c. Height or Depth: 2 feet
d. Length of Segment: 5.0 miles

L4e. Sketch or Cross Section ☐ attached ☐ none **Facing:**

L5. Associated Resources: Several concrete culverts, one inscribed with the date 1911, and one wooden culvert.

L6. Setting: The southern half of this segment contours west-facing slopes along the east side of Friant Road. Near Little Dry Creek, the railroad grade runs across the flat valley floor to Friant. Several concrete culverts carry the railroad across small ephemeral drainages, and one wooden concrete is visible on the grade near Lost Lake.

L7. Integrity Considerations: Portions of the railroad grade are intact with good integrity, while other portions have been demolished or altered by earthmoving activities. Cattle graze over some sections of the grade and other sections are currently used for roads.

L8b. Description of Photo, Map, or Drawing:

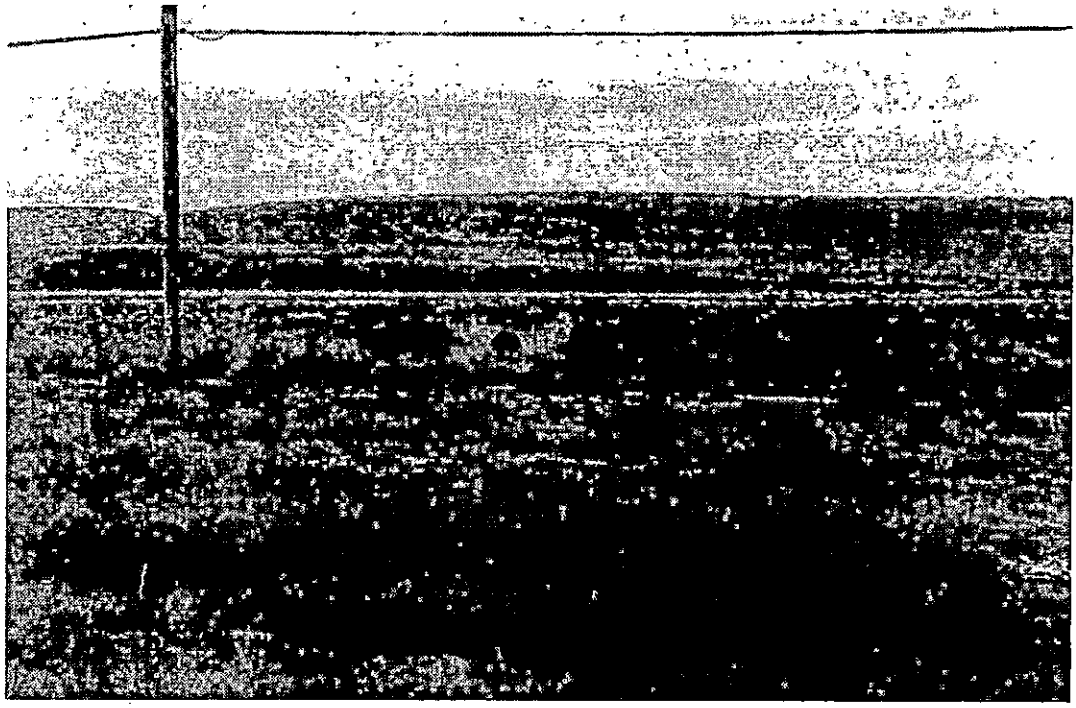
L9. Remarks:

L8a. Photograph, Map, or Drawing.

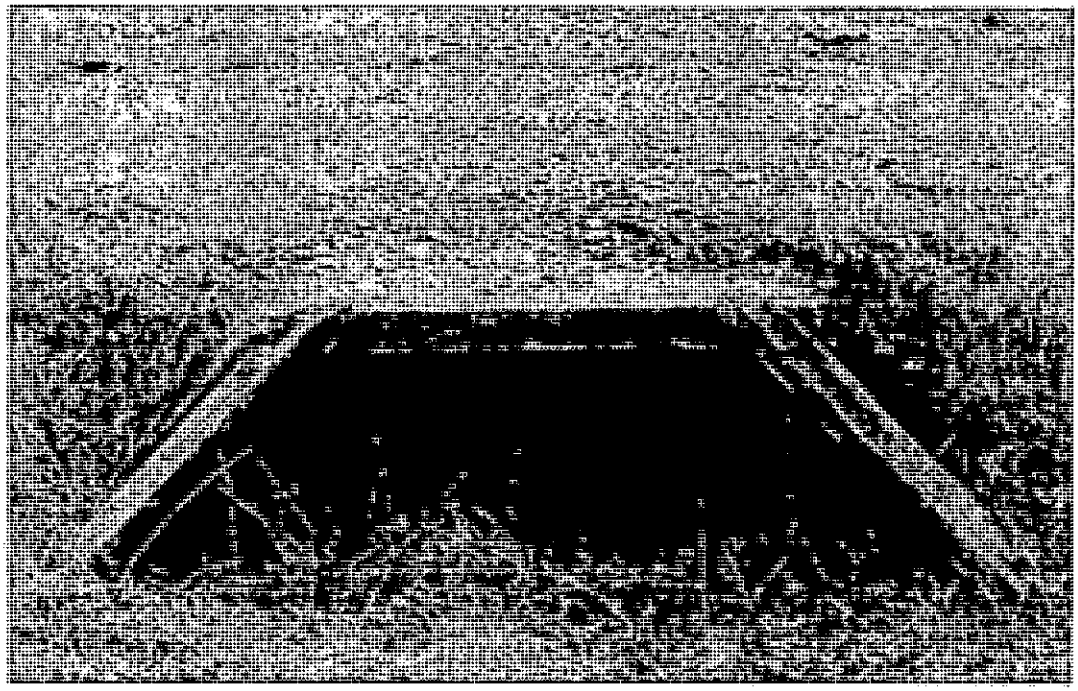
(See attached)

L10. Form Prepared By:
S. Flint, Applied EarthWorks, Inc.,
5090 N. Fruit Avenue,
Suite 101,
Fresno, CA 93711

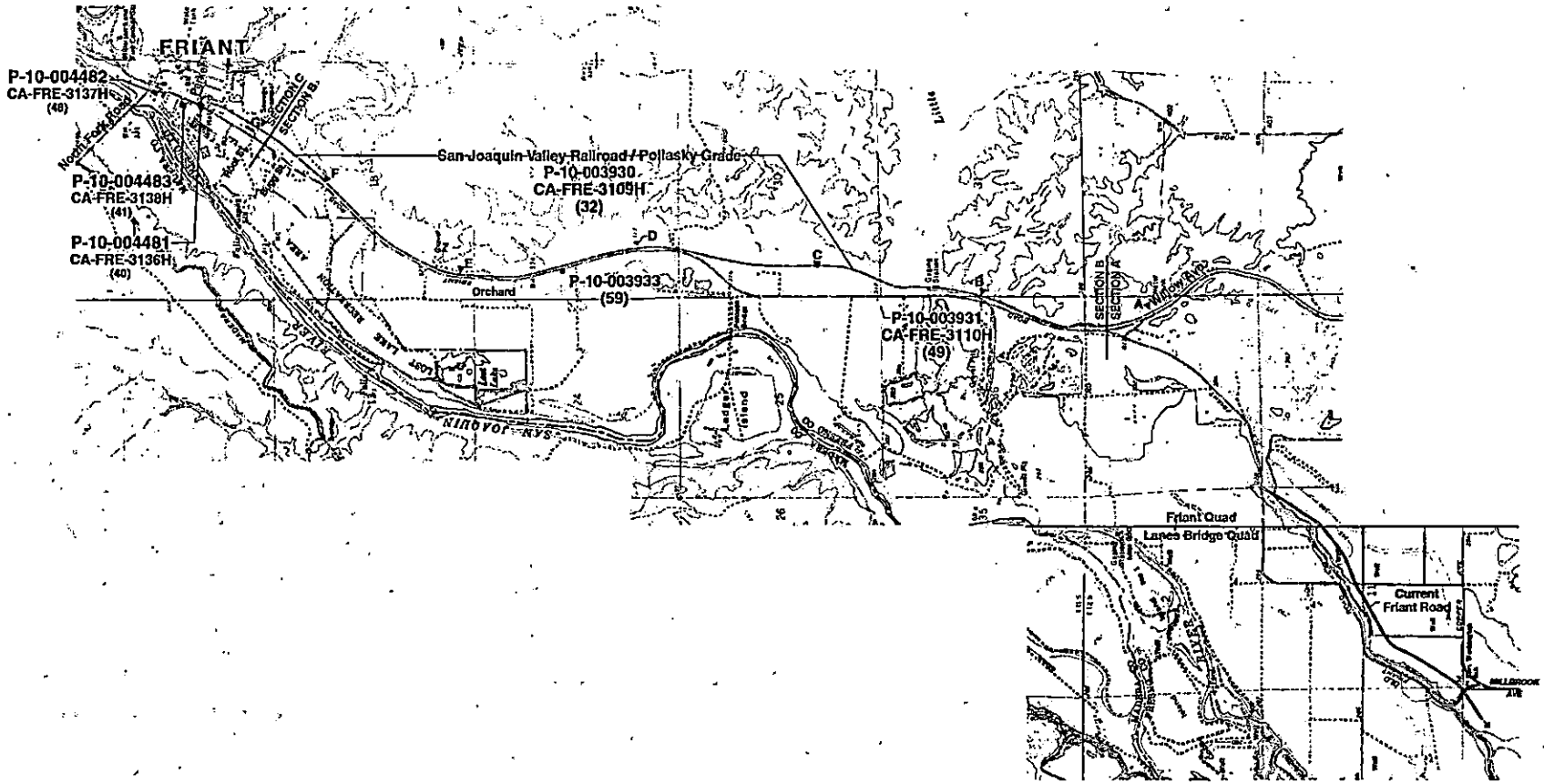
L11. Date: 18 January 1999



Pollasky Railroad Grade and typical concrete culvert.



Feature B: Wooden culvert (2 feet tall x 4 feet wide).



USGS 7.5 Minute Topographic Quadrangles
Friant and Lanes Bridge, Calif.
T 11 & 12 S - R 20 & 21 E
1964
(Lanes Bridge, Photoinspected 1973)

North

Contour Interval Friant Quad = 20 Ft.
Contour Interval Lanes Bridge Quad = 5 Ft.

LEGEND

- Archaeological Site / Isolate
- (60) Map ID No.
- $A_{\blacktriangledown}$ UTM Measurement

Area Surveyed: S. Flint — Date: 01/08–09/99
Final Drawing: L. Mockstroth — Date: 02/04/99
Revised: L Mockstroth — Date: 05/15/01

Site Location

San Joaquin Valley Railroad / Pollasky Grade
P-10-003930
CA-FRE-3109H

Friant Road Improvement Project
Fresno County, CA

Confidential: Not for Public Distribution



Historic map (ca. 1907) of Pollasky Railroad route and stops (source unknown). Stops extend north from Fresno through El Prado to Friant.

Applied EarthWorks, Inc.

PHOTOGRAPH RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

Project Name: Friant Road Improvement Project **Roll No.:** Friant-I **Year:** 2000

Camera Type and Format: Pentax 28-80 mm lens Film Type and Speed: Kodak color ASA 200

Negatives Kept at: Applied EarthWorks, Inc., 5090 N. Fruit Avenue, Suite 101, Fresno, CA 93711

Mo.	Day	Time	Exp.	Fr.	Subject	Map ID	Site	Facing
01	18	1300	1	1	Error	CA-FRE-3109		
01	18	1300	2	2	Concrete culvert on Pollasky Railroad Grade	CA-FRE-3109		E
01	18	1300	3	3	Railroad grade on Pollasky Railroad Grade	CA-FRE-3109		E
01	18	1400	4	4	Wooden culvert on Pollasky Railroad Grade (close-up)	CA-FRE-3109		—
01	18	1400	5	5	Pollasky Railroad Grade	CA-FRE-3109		E
01	18	1400	6	6	Overview of railroad grade, wooden culvert to the left	CA-FRE-3109		N
01	18	1525	7	7	Close-up of windmill from Friant Road	CA-FRE-3109		SE
01	18	1525	8	8	Overview of the windmill from Friant Road	CA-FRE-3109		SE
01	18	1525	9	9	Close-up of windmill from Friant Road	CA-FRE-3109		E

Applied EarthWorks, Inc.

PHOTOGRAPH RECORD

Primary # P-10-003930
HRI #
Trinomial CA-FRE-3109H

Project Name: Friant Road Improvement Project **Roll No.:** HASR-3 **Year:** 2000

Camera Type and Format: Canon EOS 630 28-70 mm Film Type and Speed: TMX 135-36/100, black and white

Negatives Kept at: Applied EarthWorks, Inc., 5090 N. Fruit Avenue, Suite 101, Fresno, CA 93711

Mo.	Day	Time	Exp.	Fr.	Subject	Map ID	Site	Facing
07	22	0345	1	1	12050 Old Friant Road	4		N
07	22	0345	2	2	12050 Old Friant Road	4		N
07	22	0405	3	3	12186 Friant Road, fabricated metal outbuildings	5		NE
07	22	0405	4	4	12186 Friant Road, fabricated metal outbuildings	5		NE
07	22	0405	5	5	12186 Friant Road, fabricated metal outbuildings	5		NE
07	22	0410	6	6	12186 Friant Road, corrugated metal outbuilding	5		E
07	22	0425	7	7	Section of Pollasky railroad grade just north of Copper at Willow	32	CA-FRE-3109H P-10-003930	N
07	22	0430	8	8	Section of Pollasky railroad grade with rails, east of Willow and 1/4 mile north of Copper	32	CA-FRE-3109H P-10-003930	N
07	22	0430	9	9	View of rails from Pollasky grade railroad east of Willow and 1/4 mile north of Copper	32	CA-FRE-3109H P-10-003930	E
07	22	0450	10	10	Pollasky school site from northeast corner	49	CA-FRE-3110H P-10-003931	S
07	22	0450	11	11	Pollasky school site from northeast corner	49	CA-FRE-3110H P-10-003931	SW
07	22	0453	12	12	Pollasky school site from east of Friant Road	49	CA-FRE-3110H P-10-003931	WSW
07	22	0455	13	13	Pollasky school site from southeast corner	49	CA-FRE-3110H P-10-003931	N
07	24	0215	14	14	View of Pollasky railroad grade at Little Dry Creek	32	CA-FRE-3109H P-10-003930	S
07	24	0215	15	15	View along Pollasky railroad grade at Little Dry Creek	32	CA-FRE-3109H P-10-003930	S
07	24	0220	16	16	View of rails along Pollasky railroad grade 1/8 mile south of Little Dry Creek	32	CA-FRE-3109H P-10-003930	S
07	24	0315	17	17	16040 Friant Road—View of Pollasky railroad grade covered by developed property	54		N

P-10-003980 CA-FRE-3104H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary # ~~P-10-003199~~
HRI #
Trinomial ~~CA-FRE-3093-H~~
NRHP Status Code 7

Supplement

Other Listings
Review Code _____ Reviewer _____ Date _____

Page 1 of 4 *Resource Name or #: (Assigned by Recorder) JSA-AP-5

P1. Other Identifier: Southern Pacific Railroad

*P2. Location: [X] Not for Publication [ ] Unrestricted *a. County Fresno

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Coalinga & Guijarral Hills Date 1956 T 20 S ; R 16 E ; ¼ of ¼ of Sec ; MDM B.M.

c. Address (315A) (314B) City Zip

d. UTM: (Give more than one for large and/or linear resources) Zone: 10 ; see P2.e mE/ mN

e. Other Locational Data: (e.g. parcel #, directions to resource, elevation, etc., as appropriate)

Resource crosses sections 22, 21, 28, 29, 30 & 31. UTM interpreted from maps, NAD 1927 used. UTM A: 745220 mE/ 4003980 m/N; UTM B: 749540 mE/ 4006210 mN. Segment recorded follows Phelps Ave. from approximately 0.5 mile east of Calaveras Ave. to 0.25 mile west of Turk.

*P3a. Description (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

This resource is the remains of a Southern Pacitic Railroad line. The rails and ties have been removed, and only the grade is still evident. Approximately 3 miles of grade were recorded.

*P3b. Resource Attributes: (List attributes and codes) AH7. Railroad grade

*P4. Resources present: [ ] Building [ ] Structure [ ] Object [X] Site [ ] District [ ] Element of District [ ] Other (isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects)



P5b. Description of Photo: (View, date, accession #) Railroad grade through prehistoric site CA-Fre-49 view to southwest

*P6. Date Constructed/Age and Sources: [X] Historic [ ] Prehistoric [ ] Both

*P7. Owner and Address: Unknown

*P8. Recorded by: (Name, affiliation, and address) W. L. Norton
Jones & Stokes Associates
2600 V Street, Suite 100
Sacramento, CA 95818

*P9. Date Recorded: 3/5/98

*P10. Survey Type: (Describe) Reconnaissance survey for EIS and Section 106 compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Cultural Resource Inventory Report near Arroyo Pasajero

*Attachments: NONE [X] Location Map [ ] Sketch Map [ ] Continuation Sheet [ ] Building, Structure, and Object Record
[ ] Archaeological Record [ ] District Record [X] Linear Feature Record [ ] Milling Station Record [ ] Rock Art Record
[ ] Artifact Record [X] Photograph Record [ ] Other (List):

DPR 523A (1/95) *Required Information

Supplement

P-10-003930 CA-FRE-3109H

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # ~~P-10-003199~~
HRI #
Trinomial

Page 2 of 4 *Resource Name or #: (Assigned by Recorder) JSA-AP-5

L1. Historic And/or Common Name: Southern Pacific Railroad

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation Designation: AP-5

b. Location of point or segment: (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map)
Resource crosses sections 22, 21, 28, 29, 30 & 31. UTM interpreted from maps, NAD 1927 used. UTM A: 745220 mE/ 4003980 mN; UTM B: 749540 mE/ 4006210 mN. Segment recorded follows Phelps Ave. from approximately 0.5 mile east of Calaveras Ave. to 0.25 mile west of Turk.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)
The resource is a segment of the remains of a former Southern Pacific Railroad line. Only the grade remains, the rails and ties having been removed.

L4. Dimensions: (In feet for historic features and meters for prehistoric features)
a. Top Width approx. 8 feet
b. Bottom Width n/a
c. Height or Depth 2 - 5 feet high
d. Length of Segment approx. 3 miles

L4e. Sketch of Cross-Section (include scale) Facing:

L5. Associated Resources:
This resource bisects prehistoric site CA-Fre-49.

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)
The segment lies on an alluvial fan and follows Los Gatos Creek.

L7. Integrity Considerations:
Only the railroad grade remains.

L8a. Photograph, Map or Drawing

L8b. Description of Photo, Map, or Drawing (View, scale, etc.)

L9. Remarks:

L10. Form Prepared by: (Name, affiliation, and address)

L11. Date:

P-10-003930 CA-FRE-3109H

P-10-003199

Supplement

PHOTOGRAPH RECORD

Page 3 of 4 **Project Name (Assigned by Recorder)** Arroyo Pasajero Inventory **Year:** 1997

Camera Format: 35 mm Lens Size: 28-200 mm

Film Type and Speed Color Print 100 Negatives Kept at: Jones and Stokes Associates

Date	Time	Exp./Frame	Subject/Description		View Toward	Accession #
02-Sep-97	8:16	1	CA-Fre-49	Site area showing burning	W	CD 1 - 1
02-Sep-97	8:18	2	CA-Fre-49	Old railroad grade through site	SW	CD 1 - 2
02-Sep-97	8:21	3	CA-Fre-49	Road cut through site	SW	CD 1 - 3
02-Sep-97	8:23	4	CA-Fre-49	Site area between road and railroad	S	CD 1 - 4
02-Sep-97	8:25	5	CA-Fre-49	Site area	E	CD 1 - 5
02-Sep-97	9:25	6	Iso-1	Artifact B	n/a	CD 1 - 6
02-Sep-97	9:33	7	Iso-1	Artifact A	n/a	CD 1 - 7
02-Sep-97	9:56	8	CA-Fre-49	Stone bowl fragment	n/a	CD 1 - 8
02-Sep-97	9:57	9	CA-Fre-49	Stone bowl fragment	n/a	CD 1 - 9
02-Sep-97	10:00	10	CA-Fre-49	Site area north of road	NW	CD 1 - 10
02-Sep-97	12:14	11	AP-1	Site area	S	CD 1 - 11
03-Sep-97	14:18	12	Iso-6	Flake/core fragment	n/a	CD 1 - 12
03-Sep-97	14:21	13	AP-2	Feature 2: Flume feature	SW	CD 1 - 13
03-Sep-97	14:25	14	AP-2	Flume ditch and Feature 2	SW	CD 1 - 14
03-Sep-97	14:30	15	AP-2	End of flume ditch (into Los Gatos Creek)	S	CD 1 - 15
03-Sep-97	14:40	16	AP-2	Feature 1 of flume/ditch	NW	CD 1 - 16
03-Sep-97	15:20	17	AP-3	Site area (pole is datum)	SE	CD 1 - 17
03-Sep-97	15:24	18	AP-3	Biface (point) fragment	n/a	CD 1 - 18
04-Sep-97	7:51	19	AP-4	General site area	W	CD 1 - 19
04-Sep-97	7:53	20	AP-4	Fenced area	W	CD 1 - 20
04-Sep-97	7:55	21	AP-4 & AP-2	Flume/ditch with fenced area behind	W	CD 1 - 21
04-Sep-97	7:57	22	AP-4	Road to Los Gatos Creek	S	CD 1 - 22
04-Sep-97	8:00	23	AP-4	Fea A: Depression	N	CD 1 - 23
04-Sep-97	8:02	24	AP-4	General site area showing edge of Los Gatos Cre	E	CD 1 - 24
04-Sep-97	8:43	25	AP-4	Bottle with maker's mark	n/a	CD 1 - 25
05-Sep-97	9:22	26	Iso-9	Metal box (oven?)	NW	CD 1 - 26
05-Sep-97	9:22	27	Iso-9	Metal box (oven?)	SE	CD 1 - 27
07-Sep-97	11:00	28	Allen Ranch	Barn	NW	CD 1 - 28
07-Sep-97	11:02	29	Allen Ranch	Barn	S	CD 1 - 29
07-Sep-97		30	Allen Ranch	Overview	SE	CD 1 - 30
07-Sep-97		31	Allen Ranch	Overview	SE	CD 1 - 31
07-Sep-97		32	Allen Ranch	Overview	SE	CD 1 - 32
08-Sep-97	13:35	33	Iso-16	Buried farm machinery	W	CD 1 - 33

Supplement

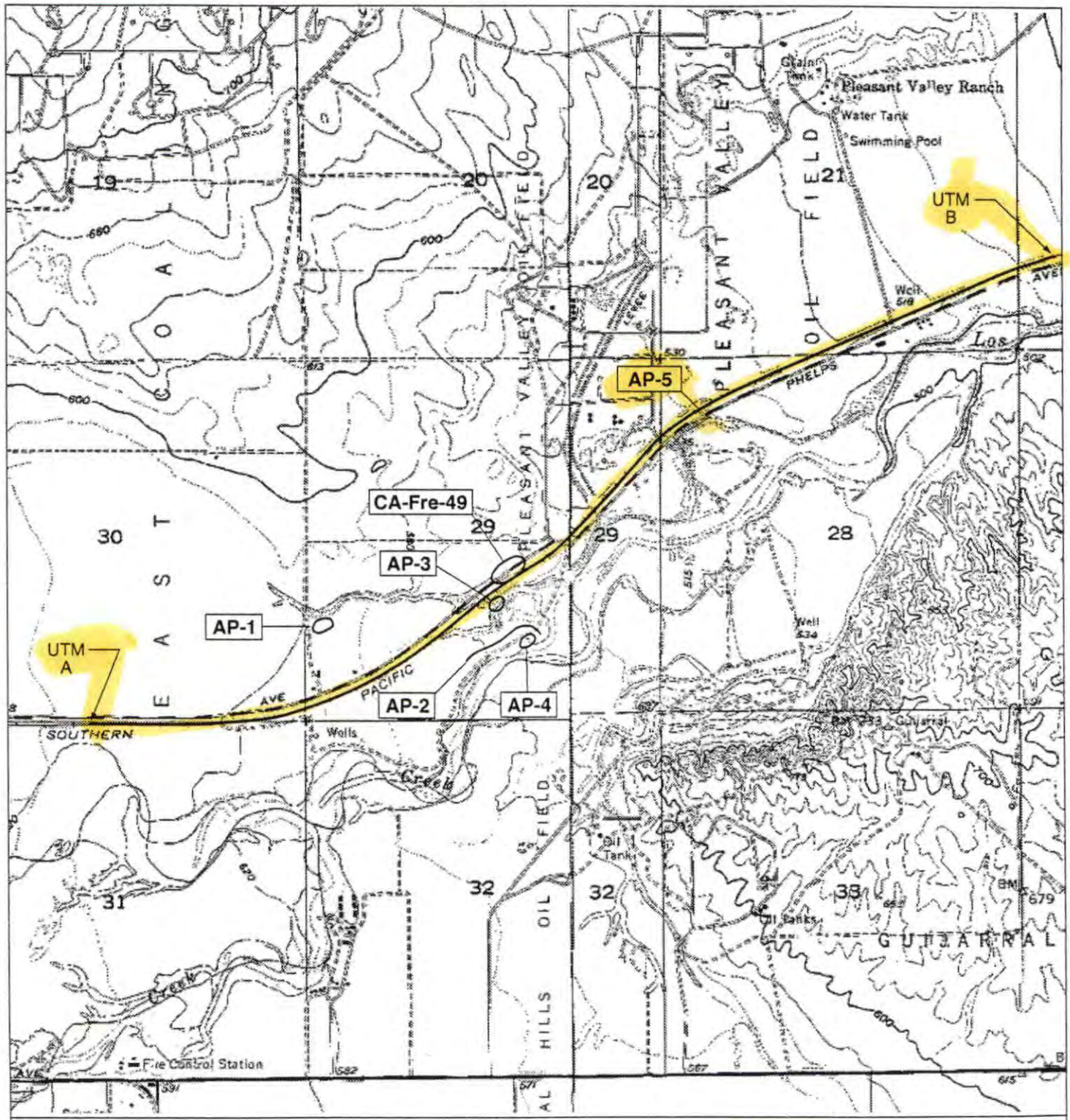
P-10-003930 CA-FRE-3109H

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # P 10-003199
HRI #
Trinomial

Page 4 of 4
*Resource Name or #: AP-5
*Map Name: Coalinga and Guijarral Hills, California *Scale: 1:24,000 (1"=2,000') *Date of Map: 1956



0 1,000 2,000 3,000 4,000 5,000
feet
Scale = 1:24,000
Base maps: USGS 7.5'-series Coalinga and Guijarral Hills California, quadrangles (1956, PR 1979)

16°
TN mN

DPR 523J (1/95)

*Required information

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

P 10-004303 Ser. No. 3971-63

HABS ____ HAER ____ NR 5 SHL ____ Loc ____
UTM: A ____ B ____
C ____ D ____

HISTORIC RESOURCES INVENTORY

IDENTIFICATION

1. Common name: Bowles
2. Historic name: Bowles
3. Street or rural address: see description MANNING AVE
   City Fresno Zip ____ County Fresno
4. Parcel number: varied
5. Present Owner: varied Address: ____
   City ____ Zip ____ Ownership is: Public ____ Private ____
6. Present Use: farming community Original use: farming community

DESCRIPTION

7a. Architectural style:

7b. Briefly describe the present *physical description* of the site or structure and describe any major alterations from its original condition:

Although a map of Fresno Co. or California indicates that there is a town called Bowles on the Santa Fe Railroad tracks south of Fresno, the Japanese say that there are two Bowles - the one on the maps, and the Japanese Bowles. The Bowles that the Japanese settled is located a few miles further west on Manning Avenue and there is no designation on the map that this is a community.

This latter Bowles is located in the area bounded on the East by Chestnut Avenue, the West by Raisin City, the north by Central Avenue and the South by Dinuba Avenu It is almost totally farmland - grapes and tree fruit - with the Buddhist Church, the community center. No business center is associated with this Bowles.

About 1902-3 the first Japanese purchased property here. Land purchase and the move to this area by Japanese was stimulated by Rev. Fukyu Asaeda who assisted in purchasing 160 acres of farmland located at Floral and Walnut Avenues. By around 1910, 28 families owned about 1450 acres, and by 1920, about 90-100 Japanese families resided here and farmed about 3500 acres. This area was 100% Japanese.

Attach Photo(s) Here

The acreage owned by Japanese farmers in 1979 was close to 4,000 acres; leased land would increase this acreage. It is still a farming community without business establishments, and the center is still the Buddhist church. Any necessary business is conducted in Fresno, Fowler, or any of the neighboring towns.

8. Construction date:
   Estimated ____ Factual ____
9. Architect ____
10. Builder ____
11. Approx. property size (in feet)
    Frontage ____ Depth ____
    or approx. acreage over 4000
12. Date(s) of enclosed photograph(s)
    November 1979 , 1910

P 10-004303

13. Condition: Excellent X Good ____ Fair ____ Deteriorated ____ No longer in existence ____

4. Alterations: ____

15. Surroundings: (Check more than one if necessary) Open land ____ Scattered buildings ____ Densely built-up ____
Residential ____ Industrial ____ Commercial ____ Other: farmland

16. Threats to site: None known X Private development ____ Zoning ____ Vandalism ____
Public Works project ____ Other: ____

17. Is the structure: On its original site? ____ Moved? ____ Unknown? ____

18. Related features: ____

SIGNIFICANCE

19. Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site.)

Bowles, as defined by the Japanese, was and is a farming community, totally populated by Japanese Americans. The land owned and leased by the issei owes its productivity to the work done by the Japanese.

It is said that the first Japanese came to Bowles (on the Santa Fe Railroad tracks) by working for the railroad which had camps in Oleander and Bowles. But farmland around the railroad tracks was already settled by the Swedish and Danish, and the only availabl land was west of Highway 41. In 1902-3 the first Japanese bought property in this area west of Highway 41. The original families to plant vineyards were Nakagawa and Ninomiya previously land in agricultural production had grown barley and other grain crops.

More Japanese moved into this area and by 1910, it is reported that 28 families lived in this community. A community center was built in 1914 to house Japanese Language School religious services, lectures, and organizations such as the Young Men's Association. This latter organization participated in baseball, sumo, oratorical contests and lecture In 1921, the community built its first Buddhist church; a new church was erected in 1966

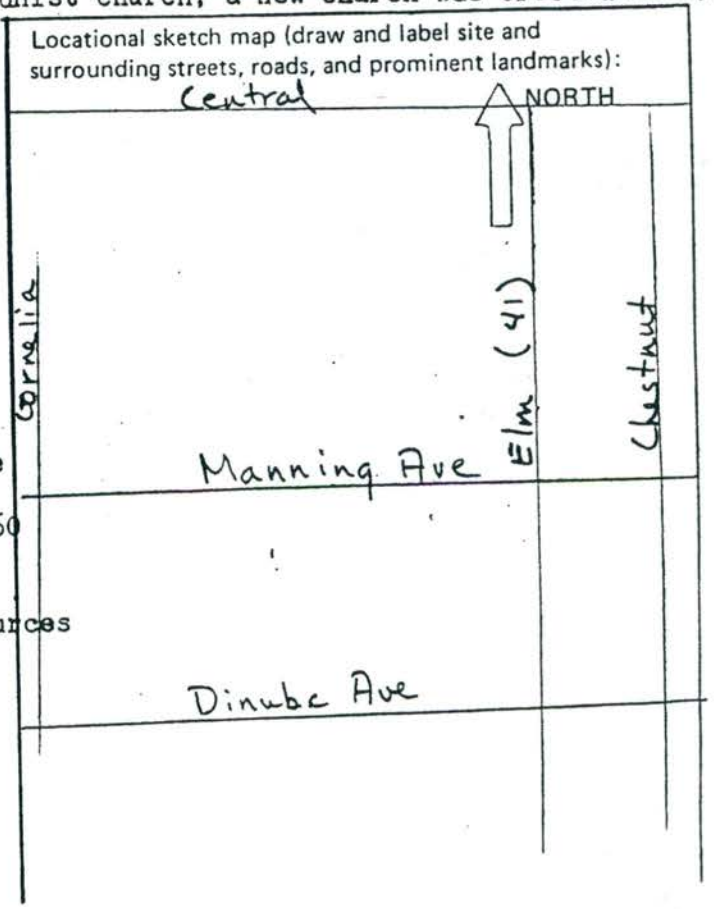
(cont)

20. Main theme of the historic resource: (If more than one is checked, number in order of importance.)
Architecture ____ Arts & Leisure ____
Economic/Industrial 1 Exploration/Settlement 2
Government ____ Military ____
Religion ____ Social/Education 3

21. Sources (List books, documents, surveys, personal interviews and their dates). Mr. and Mrs. Masao Nakata, 11-23-79; Mr. Gunzo Miyamoto, 11-24-79; 75th Anniversary of the Fresno Buddhist Church booklet, 1976; E. Todd Clark, "The Japanese in Fresno County, California"; masters thesis, Fresno State, College, 1960

22. Date form prepared 3-25-80
By (name) Isami Arifuku Waugh
Organization Ethnic Minority Cultural Resources Survey
Address: Box 799
City El Cerrito Zip 94530
Phone: (415) 527-4629

Locational sketch map (draw and label site and surrounding streets, roads, and prominent landmarks):



P 10-004303

19. Significance (cont)

In order to finance their farms, issei had either saved money, obtained loans from one of several Japanese American banks, or from other lending institutions. One source indicates that Japanese farmers in the Bowles area were considered good financial risks and had no trouble obtaining loans.

Once the land was acquired, it was most beneficial if the farmer had a wife and family to help on the farm; another common arrangement was for brothers to operate a farm together, or two friends to jointly buy property, with one working the farm and the other working at another job (in addition to the farming) to have working capital.

In 1933, most of the Japanese farmers in this area had financial difficulties; and 95% of them lost their land to the banks. It is estimated that 40-50% of the people moved out of Bowles to Southern California; the rest worked as day laborers until they were able to accumulate enough to buy back the land. Interestingly enough, the banks found holding on to these farms for six months unprofitable, and many of the issei farmers were able to buy back these farms which had previously been worth $10,000 ro $3-4,000.

After the Alien Land Law of 1913 passed, farms were purchased by issei through the formation of a corporation in which white friends, acquaintances or professionals were paid a small sum of money to serve as a board of directors. Or land was purchased in the name of a nisei child.

During the World War II internment, many Japanese leased their farms to non-Japanese friends while a few sold their farms. Upon return to their homes, the Japanese communities of Monmouth and Oleander joined the Bowles Buddhist church to become one community, although they had previously had their own churches and organizations.

The major crop of the Bowles farms is still grapes, with the majority being made into raisins. Table grapes, winery grapes, tree fruit and cotton are also crops of this community. Many of the families which first settled in Bowles still are active members of the community there; a few of the third generation also remains on the farms.

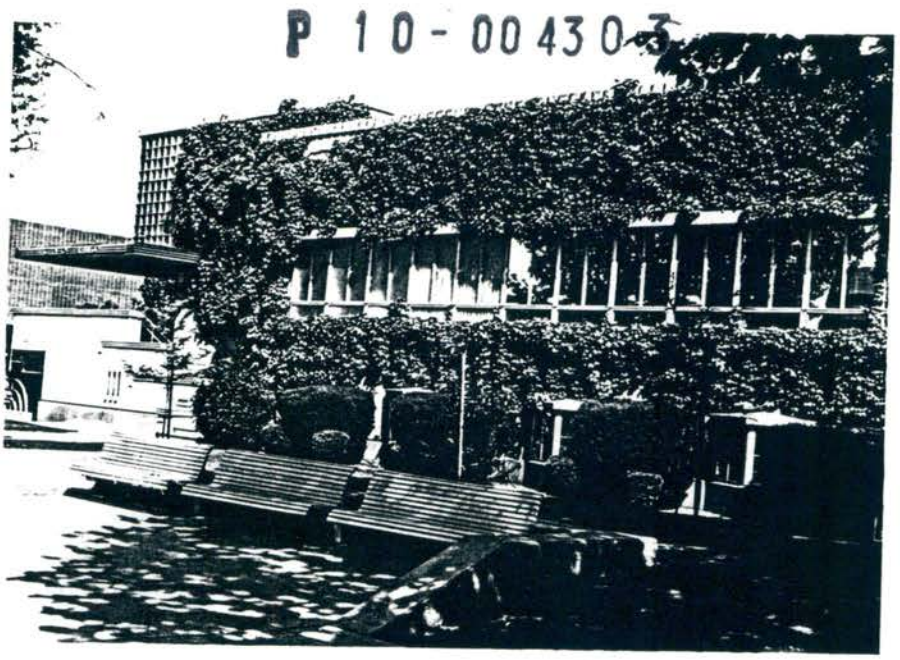
Whereas in some other areas, Japanese farmers formed their own cooperatives, in Bowles this did not occur, because existing organizations welcomed and solicited the participation of the issei. For example, it has been said that the Raisin Association welcomed Japanese because they needed 40-55% of all raisin producers to have any clout. Japanese farmers committed their crops to this association but stayed in the background, and it is generally agreed that a major reason for the success of this organization was the role of the issei in its early years.

The reason why this area was referred to as Bowles was that mail delivery did not go out to the farms at first, but would arrive on the train at the railroad stop at Bowles, and the farmers would go to the Bowles train stop to pick up their mail. Now the mailing address for this community is Fresno, but Japanese still refer to this community as Bowles.

Sources: (cont)

Zaibei Nihonjin Shi, 1940, p. 817

P 10-004303





Applied EarthWorks, Inc.

PRIMARY RECORD

Primary # P-10-004648
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review Code | Reviewer | Date

P1. Temporary Number/Resource Name: NORTH-1S

P2. Location: a. County: Fresno ✓ **Not for Publication** ☐ **Unrestricted**
b. USGS 7.5′ Quad: Fresno South, CA (3581A) **Date** 1963 T 14S, R 20E; NE 1/4 of NW 1/4 of Section 27 Mt. Diablo **B.M.**
c. Address: 265 E. North Avenue, Fresno, California
d. UTM: Zone 11, 251200 mE / 4064140 mN
e. Other Locational Data: This resource is on the south side of East North Avenue, immediately adjacent to the northbound Highway 41 North Avenue offramp and across from the Foster Farms processing plant.

P3a. Description: This resource consists of a residence, barn, and outbuilding on level terrain within a combination industrial and residential setting. (See continuation sheet.)

P3b. Resource Attributes: (List attributes and codes) (HP2) Single Family Property

P4. Resources Present: ✓ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

P5. Photograph or Drawing (photograph required for buildings, structures, and objects): Roll 1, Frame 25
View to the northeast.



RECEIVED
JUN 0 1 2001
BY:

P6. Date Constructed/Age:
☐ Prehistoric
✓ Historic (1940s)
☐ Both

P7. Owner and Address:
Unknown

P8. Recorded by: L. Palmer
Applied EarthWorks, Inc.
5090 N. Fruit Ave., # 101
Fresno, CA 93711

P9. Date Recorded:
15 September 2000

P10. Survey Type:
✓ Intensive
☐ Reconnaissance
☐ Other
Describe:

P11. Report Citation:
Palmer, Kevin (Lex)
2000 *Historic Architectural Survey for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno, California.* Applied EarthWorks, Inc., Fresno, California. Submitted to City of Fresno Public Works Department, Fresno, California.

Attachments:
☐ NONE
✓ Building, Structure, and Object Record
☐ Photograph Record
☐ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☐ Site/Sketch Map
☐ District Record
☐ Rock Art Record
✓ Continuation Sheet
☐ Linear Feature Record
☐ Artifact Record

P3a. The property is bordered by Highway 41 to the west, by North Avenue to the north, by a church on the east, and by a vineyard to the south. The resource includes a Vernacular-style residence clad with tongue-and-groove siding. The varied roofline includes a cross-gabled and shed roof configurations that are clad with composition shingles. Wall openings consist of wooden double-hung windows and wood panel doors. An outbuilding with the same attributes is located immediately to the south. A wood-clad barn with a corrugated metal panel clerestory roof and two plywood sheds are east of the residence.

B1. Historic Name: Unknown

B2. Common Name: Unknown

B3. Original Use: Residence **B4. Present Use:** Same

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** Constructed circa the 1940s, the roofline on the residence has been altered to include a shed roof configuration.

***B7. Moved?:** ✓ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** Vineyard to the south

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Agriculture Area: City of Fresno
Period of Significance: 1880–1920 Property Type: Farming residence Applicable Criteria: N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) The Fresno Colony became established in 1880 within the project study area. Nearly all the structures associated with this colony on East North Avenue were demolished between the 1980s and 1990s. The remainder of the colony buildings are on West North Avenue past Highway 41 and on South Cherry Avenue near Central Avenue. The addition of the massive Foster Farms processing plant to the north and the Highway 41 expansion project have greatly altered the integrity of setting, and additions to the roofline of the residence have lessened its physical integrity. The property does not appear to be NRHP eligible due its lack of association with important individuals or events. The buildings do not have notable architectural characteristics and were constructed with common materials that do not exhibit exceptional workmanship.

B11. Additional Resource Attributes (list attributes and codes): None

***B12. References:**

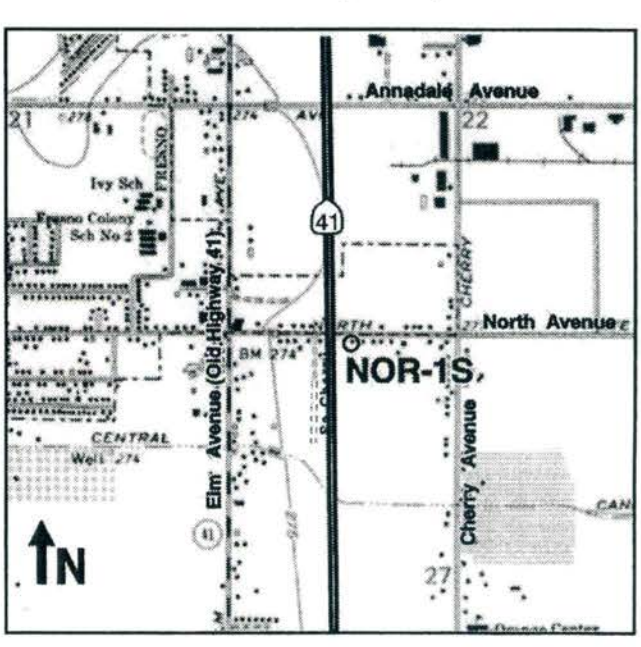
Clough, Charles W. (with 22 co-authors)
1986 *Fresno County in the 20th Century from 1900 to the 1980s.* Panorama West Books, Fresno, California.

Haines Criss-Cross Directory: Central San Joaquin, Fresno
1965–2000 Haines and Company, Union City, California.

B13. Remarks:

***B14. Evaluator:** Kevin (Lex) Palmer
Date of Evaluation: 17 October 2000

This space reserved for official comments.



PROJ.REVW AND RES.PROT.UNIT LOG-OUT PRINTOUT CLARENCE CAESAR

Undertaking Identifier: FHWA010604A 10/02/01 Page: 1
Undertaking Name: 01-FRE-0-CR,HPSR NORTH AVENUE WIDENING SR41 TO SR99
Applicant: FHWA City: FRESNO
County(ies): FRE

Due: 07/04/01

TRANSACTION HISTORY

DATE IN	TO	DATE OUT	BY	ACTION
06/04/01	CC	08/23/01	CC	C5,D7

****
****
There are 5 Hist. Prop. and no Arch. Sites involved in this undertaking :
****

Property number: 128242

Address: County: FRE
265 E NORTH AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #:
Dates of Construction: 1940 -
Architect: Builder:
Historic Attributes: SING.FAM.PROP.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0001-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA0101604A	6Y2	08/23/01	CLARENCE CAESAR

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AUG 19 2002
BY:

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6-6-02

Date

128242-20000915-101-1

Filename

P 10 004649

Applied EarthWorks, Inc.
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Page 1 **of** 3

Other Listings
Review Code

Reviewer

Date

P1. Temporary Number/Resource Name: NORTH-3S

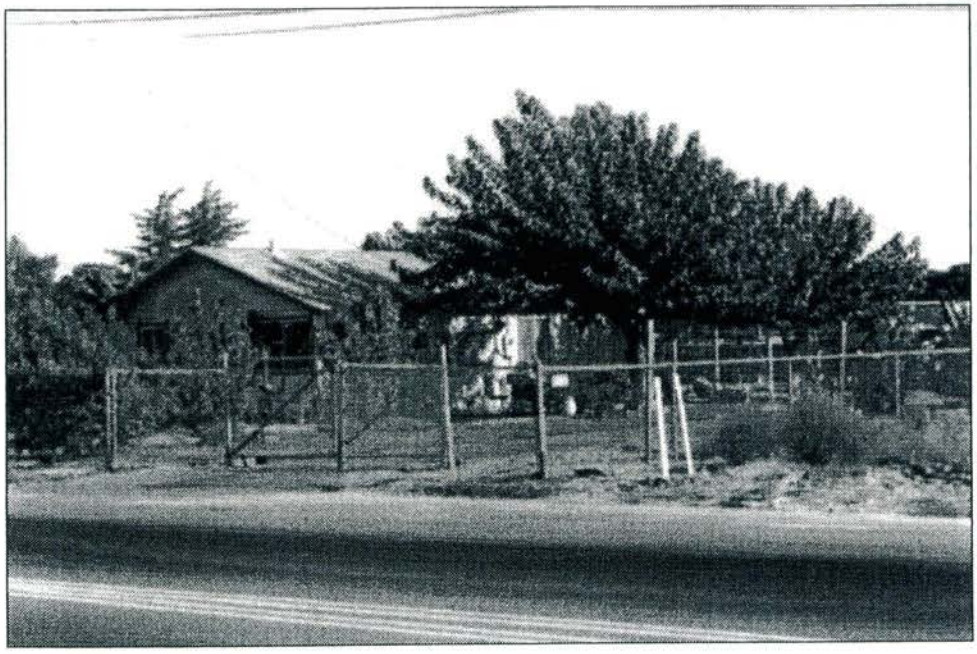
P2. Location: a. County: Fresno ✓ **Not for Publication** □ **Unrestricted**
b. USGS 7.5′ Quad: Fresno South, CA (358A) **Date** 1963 T14S; R20E; NE 1/4 of NW 1/4 of Section 27
c. Address: 349 E. North Avenue, Fresno, California
d. Zone: 11 UTM: 251360 mE / 4064120 mN
e. Other Locational Data: The site is on the south side of East North Avenue across from the Foster Farms processing plant.

P3a. Description: The site consists of a stucco-clad residence and two outbuildings located on level terrain within a combination industrial and residential setting. (See continuation sheet.)

P3b. Resource Attributes: (List attributes and codes) (HP2) Single Family Property

P4. Resources Present: ✓ Building □ Structure □ Object □ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing (photograph required for buildings, structures, and objects): Roll 1, Frame 24
View to the southeast of north facade and west elevation.



P6. Date Constructed/Age:
□ Prehistoric
✓ Historic (1948)
□ Both

P7. Owner and Address:
Gerardo Guzman, same address

P8. Recorded by: L. Palmer
Applied EarthWorks, Inc.
5090 N. Fruit Ave., # 101
Fresno, CA 93711

P9. Date Recorded:
15 September 2000

P10. Survey Type:
✓ Intensive
□ Reconnaissance
□ Other
Describe:

P11. Report Citation:
Palmer, Kevin (Lex)
2000 *Historic Architectural Survey for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno, California.* Applied EarthWorks, Inc., Fresno, California. Submitted to City of Fresno Public Works Department, Fresno, California.

Attachments:
□ NONE
✓ Building, Structure, and Object Record
□ Photograph Record
□ Location Map
□ Archaeological Record
□ Milling Station Record
□ Other (list):
□ Site/Sketch Map
□ District Record
□ Rock Art Record
✓ Continuation Sheet
□ Linear Feature Record
□ Artifact Record

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P3a. The site is bordered by a church to the west, by North Avenue to the north, by an abandoned property to the east, and by a vineyard and residence to the south. The property is surrounded by a chain link fence and landscaped with fruit trees and prickly pear. The site includes a wood-clad vernacular-style residence with minor Ranch/Craftsman elements (seen in the roofline). The front-gabled medium-pitch roof is clad with composition shingles and has scalloped wood cladding in the gable ends. A veranda is located on the south elevation. Wall openings consist of aluminum slider windows and wood panel doors. An outbuilding with the same design attributes is located immediately to the south.

P 10 004649

Applied EarthWorks, Inc. **Primary #**

BUILDING, STRUCTURE, AND OBJECT RECORD

HRI #/Trinomial

***NRHP Status Code** 6Z

 Resource Name or No.: NORTH-3S

B1. Historic Name: Unknown

B2. Common Name: Unknown

B3. Original Use: Residence **B4. Present Use:** Same

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** The residence was constructed in 1948 and has been altered with the addition of a veranda on the south elevation. All of the original fenestration has been replaced with aluminum slider windows.

***B7. Moved?:** ✓ No □ Yes □ Unknown Date: Original Location:

***B8. Related Features:** None

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Agriculture Area: City of Fresno
Period of Significance: 1880–1920 Property Type: Farming residence Applicable Criteria: N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) The Fresno Colony became established in 1880 within the project study area. Nearly all the buildings associated with this colony on East North Avenue were demolished between the 1980s and 1990s. The remainder of the colony buildings are on West North Avenue past Highway 41 and on South Cherry Avenue near Central Avenue. The addition of the massive Foster Farms processing plant to the north and Highway 41 expansion project have greatly altered the integrity of setting, and the replacement of the original fenestration has lessened the structure's physical integrity. The property does not appear to be NRHP eligible due its lack of association with important individuals or events. The building does not have notable architectural characteristics and was constructed with common materials that do not exhibit exceptional workmanship.

B11. Additional Resource Attributes (list attributes and codes): None

***B12. References:**

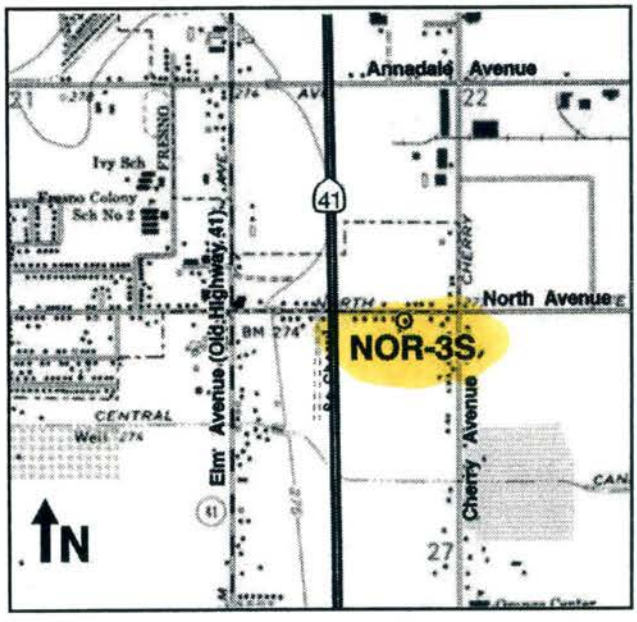
Clough, Charles W. (with 22 co-authors)
1986 *Fresno County in the 20th Century from 1900 to the 1980s*. Panorama West Books, Fresno, California.

Haines Criss-Cross Directory: Central San Joaquin, Fresno
1965–2000 Haines and Company, Union City, California.

B13. Remarks:

***B14. Evaluator:** Kevin (Lex) Palmer
Date of Evaluation: 17 October 2000

This space reserved for official comments.



OHP Scanned

6-6-02

Date

128243-20000915-101-1

Filename

PROJ.REVW AND RES.PROT.UNIT LOG-OUT PRINTOUT CLARENCE CAESAR

Undertaking Identifier: FHWA010604A 10/02/01 Page: 2
Undertaking Name: 01-FRE-0-CR,HPSR NORTH AVENUE WIDENING SR41 TO SR99
Property number: 128243

Address: County: FRE
349 E NORTH AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #:
Dates of Construction: 1948 -
Architect: Builder:
Historic Attributes: SING.FAM.PROP.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0002-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

****

Property number: 128244

Address: County: FRE
1038 E NORTH AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: C
Other Recognition: CHL #:
Dates of Construction: 1950 -
Architect: Builder:
Historic Attributes: INDUSTRIAL BLDG.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0003-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

P 10 004650

Applied EarthWorks, Inc.

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Page 1 **of** 3

Other Listings
Review Code | Reviewer | Date

P1. Temporary Number/Resource Name: NORTH-4N

P2. Location: a. County: Fresno ✓ **Not for Publication** □ **Unrestricted**
b. USGS 7.5′ Quad: Fresno South, CA (2580) **Date** 1963 T14S; R20E; SE 1/4 of SE 1/4 of Section 22
c. Address: 2946 S. East Avenue, Fresno, California
d. Zone: 11 UTM: 252320 mE / 4064200 mN
e. Other Locational Data: The site is on the northwest corner at the intersection of East North Avenue and South East Avenue. (See continuation sheet.)

P3a. Description: The site consists of a vacant dairy barn within a grazing pasture on level terrain in a combination industrial and residential setting.

P3b. Resource Attributes: (List attributes and codes) (HP4) Ancillary Building (barn)

P4. Resources Present: ✓ Building □ Structure □ Object □ Site □ District □ Element of District □ Other:

P5. Photograph or Drawing (photograph required for buildings, structures, and objects): Roll 1, Frame 16
View to the northwest of barn south facade and east elevation.



P6. Date Constructed/Age:
□ Prehistoric
✓ Historic (1950)
□ Both

P7. Owner and Address:
Harold and Mae Ellen Habib, same address

P8. Recorded by: L. Palmer
Applied EarthWorks, Inc.
5090 N. Fruit Ave., # 101
Fresno, CA 93711

P9. Date Recorded:
16 September 2000

P10. Survey Type:
✓ Intensive
□ Reconnaissance
□ Other
Describe:

P11. Report Citation:
Palmer, Kevin (Lex)
2000 *Historic Architectural Survey for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno , California.* Applied EarthWorks, Inc., Fresno, California. Submitted to City of Fresno Public Works Department, Fresno, California.

Attachments:
□ NONE
✓ Building, Structure, and Object Record
□ Photograph Record
□ Location Map
□ Archaeological Record
□ Milling Station Record
□ Other (list):
□ Site/Sketch Map
□ District Record
□ Rock Art Record
✓ Continuation Sheet
□ Linear Feature Record
□ Artifact Record

RECEIVED JAN 11 2001

P3a. The site is bordered by a warehouse to the west, by a pasture to the north, by a commercial truck trailer sales center to the east, and by North Avenue to the south. A horizontal wood-rail fence surrounds the dairying area, and a wooden loading chute borders South East Avenue. The barn is associated with a Spanish Colonial Revival residence located 75 yards to the north (not recorded). The stucco-clad dairy barn has a corrugated metal panel front-gabled roof with a clerestory ridge. A stucco-clad milk room is located on the north elevation. Wall openings consist of open wood frames on the east and west elevations, and wood doors on the south facade.

P 10 004650

Applied EarthWorks, Inc. **Primary #**

BUILDING, STRUCTURE, AND OBJECT RECORD

HRI #/Trinomial

***NRHP Status Code** 6Z

 Resource Name or No.: NORTH-4N

B1. Historic Name: Unknown

B2. Common Name: Unknown

B3. Original Use: Dairy barn **B4. Present Use:** Abandoned

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** The barn was constructed in 1950. Map and aerial photograph data (1946 USGS Fresno South topo, 1973 aerial) indicate that a larger barn formerly existed to the west. The dairy barn appears to retain its physical integrity.

***B7. Moved?:** ✓ No □ Yes □ Unknown Date: Original Location:

***B8. Related Features:** Corral and loading chute

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Agriculture Area: City of Fresno
Period of Significance: 1880–1920 Property Type: Barn Applicable Criteria: N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)
The dairy barn documented on this site record is associated with a Spanish Colonial Revival residence to the north. Aerial photograph data indicates that the barn was part of a much larger agricultural operation that was demolished after 1981 (1964/1981 USGS Fresno South topo). The property does not appear to be NRHP eligible due its lack of association with important individuals or events. The barn does not have notable architectural characteristics and was constructed with common materials that do not exhibit exceptional workmanship.

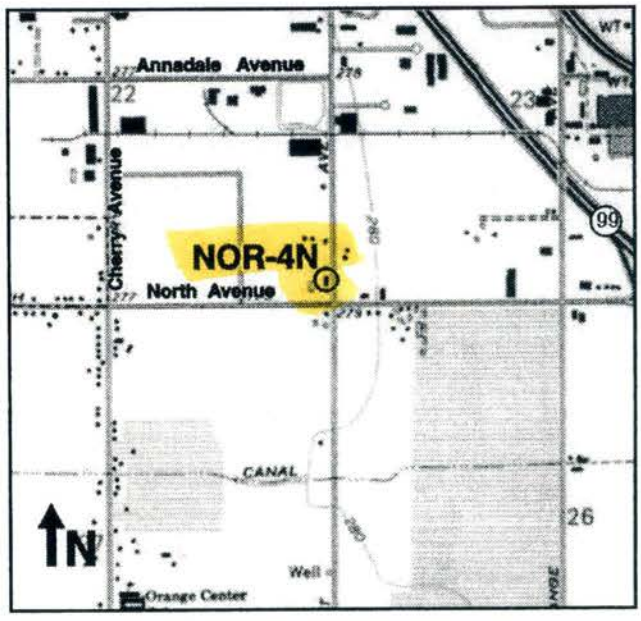
B11. Additional Resource Attributes (list attributes and codes): None

***B12. References:**

Clough, Charles W. (with 22 co-authors)
1986 *Fresno County in the 20th Century from 1900 to the 1980s.* Panorama West Books, Fresno, California.

Haines Criss-Cross Directory: Central San Joaquin, Fresno
1965–2000 Haines and Company, Union City, California.

Map Library
1973 Aerial photo 13-EE. Map Library, California State University, Fresno.



B13. Remarks:

***B14. Evaluator:** Kevin (Lex) Palmer
Date of Evaluation: 17 October 2000

This space reserved for official comments.

OHP Scanned

6-6-02

Date

128245_20000915_101_1

Filename

PROJ.REVW AND RES.PROT.UNIT LOG-OUT PRINTOUT CLARENCE CAESAR

Undertaking Identifier: FHWA010604A 10/02/01 Page: 3
Undertaking Name: 01-FRE-0-CR,HPSR NORTH AVENUE WIDENING SR41 TO SR99
Property number: 128245

Address: County: FRE
2946 S EAST AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #:
Dates of Construction: 1950 -
Architect: Builder:
Historic Attributes: 02,33
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0004-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

****

Property number: 074108

Address: County: FRE
3015 S CHERRY AVE X-Street:
FRESNO 0 Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #: 0
Dates of Construction: 1925 -
Architect: Builder:
Historic Attributes: SING.FAM.PROP.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-91-0097-0000	6Y2	09/11/91	DORENE CLEMENT
PROJ.REVW.	FHWA910730D	6Y1	09/11/91	DORENE CLEMENT

Supplement

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

P-10-004651
MAP REFERENCE NO. 102

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED ( ) DETERMINED ELIGIBLE
( ) APPEARS ELIGIBLE (X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 3015 South Cherry Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-180-08 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

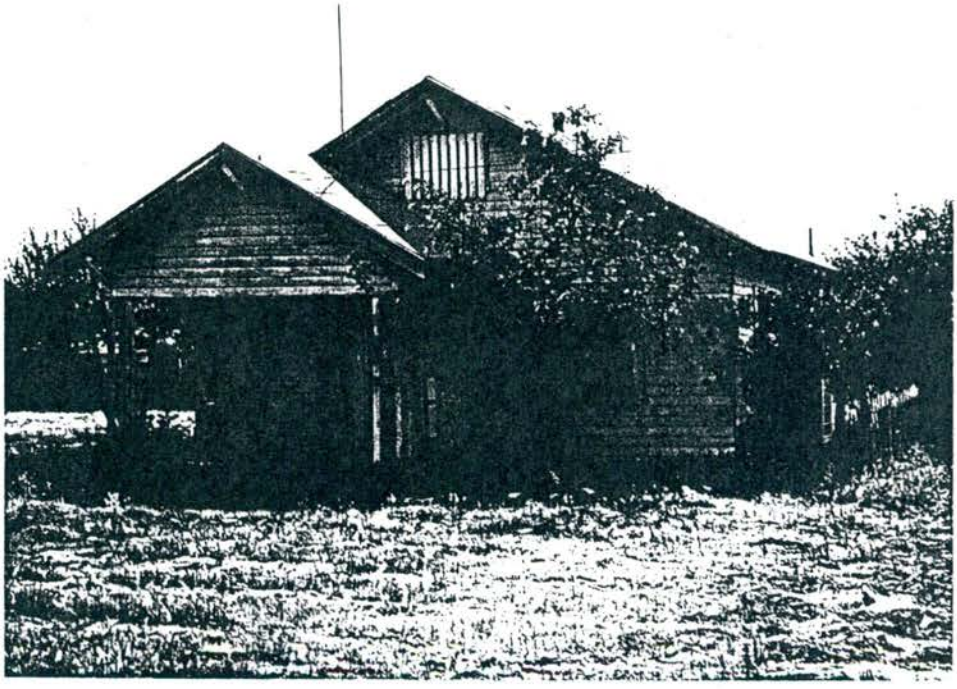
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow/Craftsman

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

This late Craftsman Bungalow is a one-and-a-half story, front-gabled building with an off-center, gable-roofed, front porch. The main roof has a louvered attic vent, cover boards and triangular knee braces on the front and exposed rafters along the side eaves. The porch is raised one step and has split-columns made of three square posts with cross ties. Exterior siding is horizontal lapped boards. Door is glazed and paneled wood, wood-framed windows are double-hung with two lights; some are boarded.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: Minor, but numerous

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Shrubs around the house; yard has patchy grass, ramshackle wood shed in rear.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

Because of the deteriorated condition and the many minor alterations to this bungalow, its integrity has been greatly eroded. In addition it is not architecturally distinctive, is not the work of a master and is not associated with important people or significant events in history. Therefore this dwelling does not appear to be eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

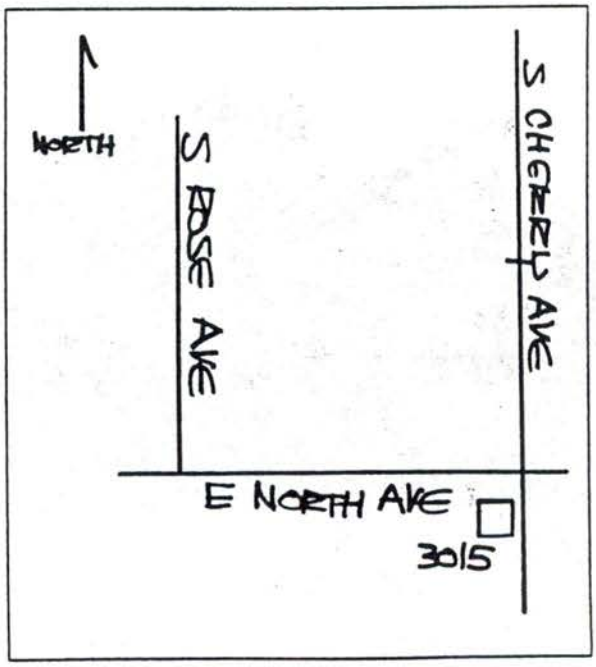
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3015 South Cherry Avenue

P 10 004651

Applied EarthWorks, Inc.
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z

Page 1 **of** 3

Other Listings
Review Code

Reviewer

Date

P1. Temporary Number/Resource Name: NORTH-4S

P2. Location: a. County: Fresno ✓ **Not for Publication** ☐ **Unrestricted**
b. USGS 7.5′ Quad: Fresno South, CA (358A) **Date** 1963 T14S; R20E; NE 1/4 of NW 1/4 of Section 27
c. Address: 3015 South Cherry Avenue, Fresno, California
d. Zone: 11 UTM: 251500 mE / 4064120 mN
e. Other Locational Data: The site is on the west side of South Cherry Avenue across from the Foster Farms processing plant on Cherry Avenue.

P3a. Description: The site consists of a vacant residence and three outbuildings on level terrain within a combination industrial and residential setting. (See continuation sheet.)

P3b. Resource Attributes: (List attributes and codes) (HP2) Single Family Property

P4. Resources Present: ✓ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

P5. Photograph or Drawing (photograph required for buildings, structures, and objects): Roll 1, Frame 20
View to the northwest of residence south facade and east elevation.



P6. Date Constructed/Age:
☐ Prehistoric
✓ Historic (1920s)
☐ Both

P7. Owner and Address:
Gerardo Guzman, same address

P8. Recorded by: L. Palmer
Applied EarthWorks, Inc.
5090 N. Fruit Ave., # 101
Fresno, CA 93711

P9. Date Recorded:
15 September 2000

P10. Survey Type:
✓ Intensive
☐ Reconnaissance
☐ Other
Describe:

P11. Report Citation:
Palmer, Kevin (Lex)
2000 *Historic Architectural Survey for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno, California.* Applied EarthWorks, Inc., Fresno, California. Submitted to City of Fresno Public Works Department, Fresno, California.

Attachments:
☐ NONE
✓ Building, Structure, and Object Record
☐ Photograph Record
☐ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☐ Site/Sketch Map
☐ District Record
☐ Rock Art Record
✓ Continuation Sheet
☐ Linear Feature Record
☐ Artifact Record

RECEIVED JAN 11 2001

Applied EarthWorks, Inc.
CONTINUATION SHEET

Primary #
HRI #/Trinomial

✓ Continuation □ Update

Temporary Number/Resource Name: NORTH-4S

P3a. The site is bordered by a residence to the west, by North Avenue to the north, by a community center to the east, and by a Craftsman residence to the south. The property is overgrown with weeds and has remnant fruit trees. The site includes a tongue-and-groove clad Craftsman with a double front-gabled medium-pitch shingled roof. Wall openings consist of wooden double-hung windows and wood panel doors with fixed upper lights. Three agricultural outbuildings on the west portion of the parcel include (from north to south) a front-gabled stucco-clad building, a front-gabled tongue-and-groove outbuilding, and a front-gabled horizontal plank clad outbuilding.

Applied EarthWorks, Inc. **Primary #**

BUILDING, STRUCTURE, AND OBJECT RECORD

HRI #/Trinomial

***NRHP Status Code** 6Z

 Resource Name or No.: NORTH-4S

B1. Historic Name: Unknown

B2. Common Name: Unknown

B3. Original Use: Residence **B4. Present Use:** Abandoned

***B5. Architectural Style:** Craftsman

***B6. Construction History (construction date, alterations, and dates of alterations):** Based on the architectural style, the residence was constructed in the 1920s. While the building still retains its structural integrity, the house has been abandoned to the elements. All of the windows have been broken out and relic hunters have seriously compromised the interior by digging up the interior flooring.

***B7. Moved?:** ✓ No □ Yes □ Unknown Date: Original Location:

***B8. Related Features:** Three outbuildings

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Agriculture Area: City of Fresno
Period of Significance: 1880–1920 Property Type: Farming residence Applicable Criteria: N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)
The Fresno Colony became established in 1880 within the project study area. Nearly all the buildings associated with this colony on East North Avenue were demolished between the 1980s and 1990s. The remainder of the colony buildings are on West North Avenue past Highway 41 and on South Cherry Avenue near Central Avenue. This Craftsman-style residence is one of several buildings that were constructed in this architectural style along South Cherry Avenue. The buildings and site have been abandoned and have undergone a substantial loss of physical integrity due to vandalism. The property does not appear to be NRHP eligible due its lack of association with important individuals or events. The buildings do not have notable architectural characteristics and was constructed with common materials that do not exhibit exceptional workmanship.

B11. Additional Resource Attributes (list attributes and codes): None

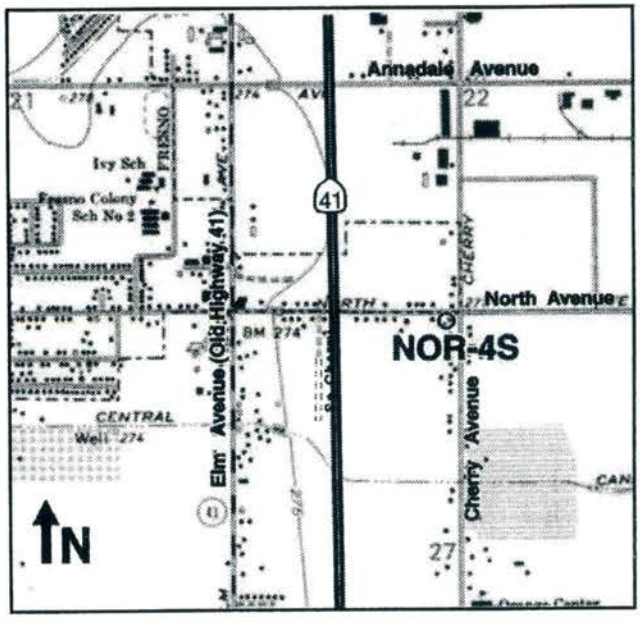
***B12. References:**

Clough, Charles W. (with 22 co-authors)
1986 *Fresno County in the 20th Century from 1900 to the 1980s*. Panorama West Books, Fresno, California.

Haines Criss-Cross Directory: Central San Joaquin, Fresno
1965–2000 Haines and Company, Union City, California.

B13. Remarks:

***B14. Evaluator:** Kevin (Lex) Palmer
Date of Evaluation: 17 October 2000



This space reserved for official comments.

OHP Scanned

6-6-02

Date

074108-20000915-101-1

Filename

Undertaking Name: 01-FRE-0-CR,HPSR NORTH AVENUE WIDENING SR41 TO SR99
Property number: 128245

Address: County: FRE
2946 S EAST AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #:
Dates of Construction: 1950 -
Architect: Builder:
Historic Attributes: 02,33
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0004-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

****

Property number: 074108

Address: County: FRE
3015 S CHERRY AVE X-Street:
FRESNO 0 Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #: 0
Dates of Construction: 1925 -
Architect: Builder:
Historic Attributes: SING.FAM.PROP.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-91-0097-0000	6Y2	09/11/91	DORENE CLEMENT
PROJ.REVW.	FHWA910730D	6Y1	09/11/91	DORENE CLEMENT

Applied EarthWorks, Inc.

PRIMARY RECORD

Primary # P-10-004652
HRI #
Trinomial
NRHP Status Code 6Z

Other Listings
Review Code

Reviewer

Date

P1. Temporary Number/Resource Name: NORTH-5N

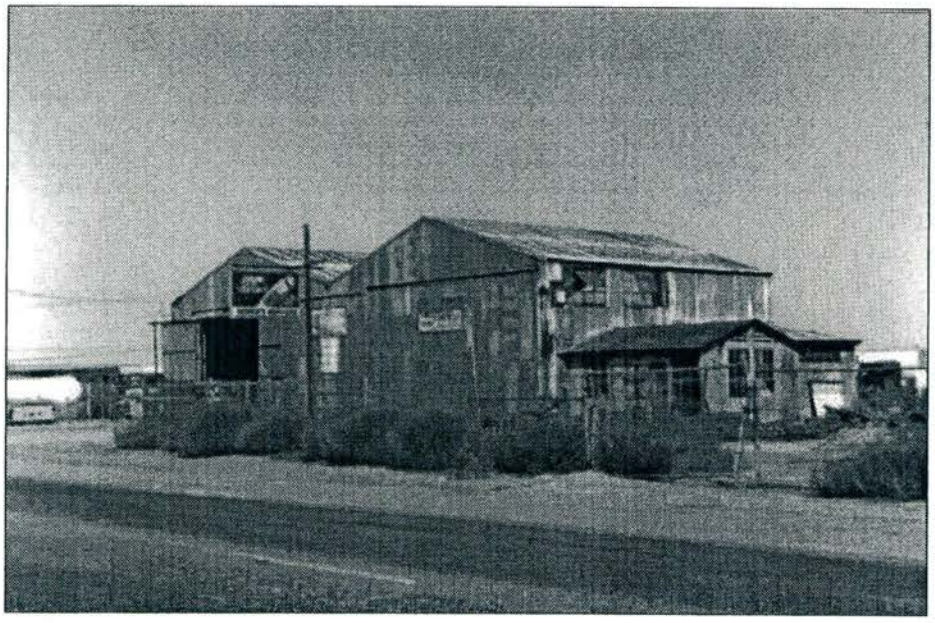
P2. Location: a. County: Fresno ✓ **Not for Publication** ☐ **Unrestricted**
b. USGS 7.5′ Quad: Fresno South, CA **Date** 1963 T 14S, R 20E; SW 1/4 of SW 1/4 of Section 23 Mt. Diablo **B.M.**
c. Address: 1038 E. North Avenue, Fresno, California
d. UTM: Zone 11, 252460 mE / 4064160 mN
e. Other Locational Data: The property is on the north side of North Avenue, east of the intersection of East North Avenue and South East Avenue.

P3a. Description: The resource consists of an industrial repair yard with three buildings within an industrial setting. (See continuation sheet).

P3b. Resource Attributes: (List attributes and codes) (HP3) Multiple Family Property

P4. Resources Present: ✓ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

P5. Photograph or Drawing (photograph required for buildings, structures, and objects): Roll 1, Frame 15
View to the northeast of south facade and east elevation.



P6. Date Constructed/Age:
☐ Prehistoric
✓ Historic (1950)
☐ Both

P7. Owner and Address:
General Crane Service, same address

P8. Recorded by: L. Palmer
Applied EarthWorks, Inc.
5090 N. Fruit Ave., # 101
Fresno, CA 93711

P9. Date Recorded:
15 September 2000

P10. Survey Type:
✓ Intensive
☐ Reconnaissance
☐ Other
Describe:

P11. Report Citation:
Palmer, Kevin (Lex)
2000 *Historic Architectural Survey for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno, California.* Applied EarthWorks, Inc., Fresno, California. Submitted to City of Fresno Public Works Department, Fresno, California.

Attachments:
☐ NONE
✓ Building, Structure, and Object Record
☐ Photograph Record
☐ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☐ Site/Sketch Map
☐ District Record
☐ Rock Art Record
✓ Continuation Sheet
☐ Linear Feature Record
☐ Artifact Record

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JUN 0 1 2001
BY:

P3a. The resource is bordered by a former dairy operation to the west, by a commercial truck trailer sales center to the north, by a trailer repair shop on the east, and by North Avenue and an immense Kraft distribution center to the south. The property is demarcated by a metal chain link fence that surrounds a storage yard and the buildings. The storage yard contains large amounts of industrial scrap and large steel tanks. The buildings include a large two-story corrugated metal panel building with a double front-gabled roof and sliding metal doors on the south facade. The north elevation of the building is open and has two attached railroad cars. Wall openings include metal-fixed and awning sash windows. A front-gabled metal prefabricated building and wood-clad shed are on the southeast side of the site.

B1. Historic Name: General Crane Service Salvage Company

B2. Common Name: Morrie's Muffler Repair

B3. Original Use: Industrial salvage **B4. Present Use:** Automotive repair

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** The main building was constructed in 1950. Aerial photograph data (1973 aerial) indicate that the metal building additions to east elevation took place after 1973.

***B7. Moved?:** ✓ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** Industrial storage yard

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Highway 99 infrastructure Area: City of Fresno
Period of Significance: 1950 Property Type: Industrial building Applicable Criteria: N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)
This resource is one of several industrial buildings that were constructed to take advantage of commercial trucking on nearby Highway 99. The property does not appear to be NRHP eligible due its lack of association with important individuals or events. The main building and outbuildings do not have notable architectural characteristics and were constructed with common materials that do not exhibit exceptional workmanship. Several additions to the east elevation of the main building have altered its physical integrity.

B11. Additional Resource Attributes (list attributes and codes): None

***B12. References:**

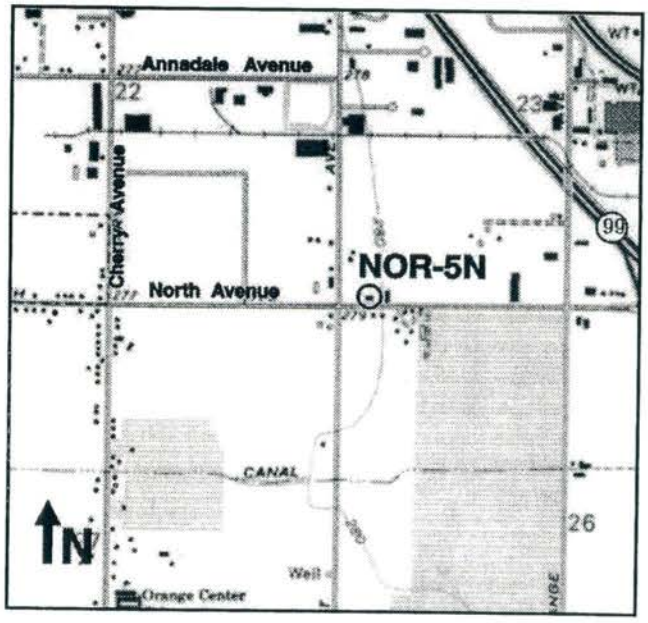
Clough, Charles W. (with 22 co-authors)
1986 *Fresno County in the 20th Century from 1900 to the 1980s.* Panorama West Books, Fresno, California.

Haines Criss-Cross Directory: Central San Joaquin, Fresno
1965–2000 Haines and Company, Union City, California.

Map Library
1973 Aerial photo 13-EE. Henry Madden Library, California State University, Fresno.

B13. Remarks:

***B14. Evaluator:** Kevin (Lex) Palmer
Date of Evaluation: 17 October 2000



This space reserved for official comments.

OHP Scanned

6-6-02

Date

128244_20000915_101_1

Filename

PROJ.REVW AND RES.PROT.UNIT LOG-OUT PRINTOUT CLARENCE CAESAR

Undertaking Identifier: FHWA010604A 10/02/01 Page: 2
Undertaking Name: 01-FRE-0-CR,HPSR NORTH AVENUE WIDENING SR41 TO SR99
Property number: 128243

Address: County: FRE
349 E NORTH AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: R
Other Recognition: CHL #:
Dates of Construction: 1948 -
Architect: Builder:
Historic Attributes: SING.FAM.PROP.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0002-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

****

Property number: 128244

Address: County: FRE
1038 E NORTH AVE X-Street:
FRESNO Vicinity:
Parcel #:

Category: B # of Props:
Owner Type: P Pres. Use: C
Other Recognition: CHL #:
Dates of Construction: 1950 -
Architect: Builder:
Historic Attributes: INDUSTRIAL BLDG.
Eth:

Previous Determinations on this property:

Program	Prog. Ref Number	Eval Crit	Eval-date	Evaluator
HIST.RES.	DOE-10-01-0003-0000	6Y2	08/23/01	CLARENCE CAESAR
PROJ.REVW.	FHWA010604A	6Y2	08/23/01	CLARENCE CAESAR

UPDATE

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-10-004677
HRI #
Trinomial CA-FRE-3605H
NRHP Status Code 6
Other Listings
Review Code Reviewer Date

Page 1

*Resource Name or # (Assigned by recorder) Central Canal

P1. Other Identifier:

*P2. Location: ☐ Not for Publication ☒ Unrestricted
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*a. County Fresno

*b. USGS 7.5' Quad Malaga Date 1964 (photorevised 1981) T 14S; R 20E; __ ¼ of Sec 25; M.D. B.M.

c. Address _____ City Fresno Zip 93725

d. UTM: (give more than one for large and/or linear resources) See attached Linear Feature Records

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
See attached Linear Feature Records.

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The Central Canal is a conduit within Fresno Irrigation District (FID) system of irrigation canals. From its headgates at the Fowler Creek Canal, the Central Canal follows a generally southwesterly course through Fresno County on the south side of the City of Fresno, eventually emptying into the Central Wasteway on the west side of Highway 99. For this project the canal was recorded at three locations: Segment CC-1, which is the portion of the canal located within the APE; Segments CC-2, located about one half mile north of the APE; and Segment CC-3, located about one half mile southwest of the APE. Segments CC-1 and CC-2 are earthen, and Segments CC-3 is concrete-lined. The segments are described in greater detail on the attached Linear Feature Records.

*P3b. Resource Attributes: (List attributes and codes) (HP20) Canal/aqueduct

*P4. Resources Present: ☐ Building ☒ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)

P5b. Description of Photo: (View, date, accession #) See photographs on attached Linear Feature Records and Continuation Sheets.

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both
Circa 1875

*P7. Owner and Address:
Fresno Irrigation District
2907 South Maple Avenue
Fresno, CA 93725

*P8. Recorded by: (Name, affiliation, address)
Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

*P9. Date Recorded: January 14, 2004

*P10. Survey Type: (Describe)
Intensive

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") none

*Attachments: ☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☒ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

DPR 523A (1/95)

*Required Information

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # P-10-004677
HRI # CA-FRE-3005H

***NRHP Status Code** 6

UPDATE

***Resource Name or #** (Assigned by recorder) Central Canal

B1. Historic Name: Central Canal

B2. Common Name: _____

B3. Original Use: Irrigation canal B4. Present Use: Irrigation canal

***B5. Architectural Style:** Utilitarian

***B6. Construction History:** (Construction date, alteration, and date of alterations): Circa 1875

***B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown** **Date:** _____ **Original Location:** _____

***B8. Related Features:**

B9. Architect: Unknown b. Builder: Unknown

***B10. Significance: Theme** n/a **Area** n/a

Period of Significance n/a **Property Type** n/a **Applicable Criteria** n/a

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

This property has been evaluated in accordance with Section 15064.5 (1)(2)-(3) of the CEQA Guidelines using the criteria outlined in Section 5024.1 of the California Public Resources Code. It does not appear to meet the criteria for listing in the California Register of Historical Resources. (See Continuation Sheet)

B11. Additional Resource Attributes: (List attributes and codes) _____

***B12. References:** Fresno Irrigation District (FID), "Fresno Irrigation District Map of Proposed Relocation of Fresno Colony Canal," October 1932; FID, "Map of Fresno Irrigation District Showing Class 'A' and Class 'B' Canal System," 1928; Progressive Map Services, *Fresno County Plats,* 1935, revised to 1943; USGS 7.5 Minute Topographic Quadrangles: *Malaga, Calif.,* 1923, 1946, 1964, 1964 photorevised 1981, and *Fresno South, Calif.*, 1923, 1946, 1963, and 1963 photorevised 1981; Aerial Photographs, FID Engineering Files, 1937.

B13. Remarks:

***B14. Evaluator:** Bryan Larson & Cindy Toffelmier

***Date of Evaluation:** February 6, 2004

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

*Required Information

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-004677
HRI #
Trinomial CA-FRE-3605H

UPDATE

***Resource Name or #** (Assigned by recorder) Central Canal

L1. Historic and/or Common Name: Central Canal

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:** CC-1

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/255572E/4064025N (north end); 11/255330E/4063624N (south end)

This segment begins at the southwest corner of East North Avenue and South Chestnut Avenue and extends southwest for about 1,600 feet.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

This segment of the canal is earthen and has a broad, parabolic shape with steep banks and a flat bottom. The segment is generally uniform in dimensions and appearance along its length, except at its north end where the channel broadens after passing under East North Avenue. There are also stretches of broken concrete and asphalt riprap on both banks near this location, south of the check gate discussed below (see **Photograph 4**). The east bank is steeper than the west, and is poorly maintained; it is heavily overgrown with grass, shrubs, and other vegetation. The west bank is generally free of vegetation and appears to have been machine groomed recently. (See "L3" on Continuation Sheet).

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** 30-35 feet
b. **Bottom Width** 12-15 feet
c. **Height or Depth** 8-10 feet
d. **Length of Segment** 1,600 feet

L4e. Sketch of Cross-Section (include scale) **Facing:** Northeast



L5. Associated Resources:

See "Description," Section L3.

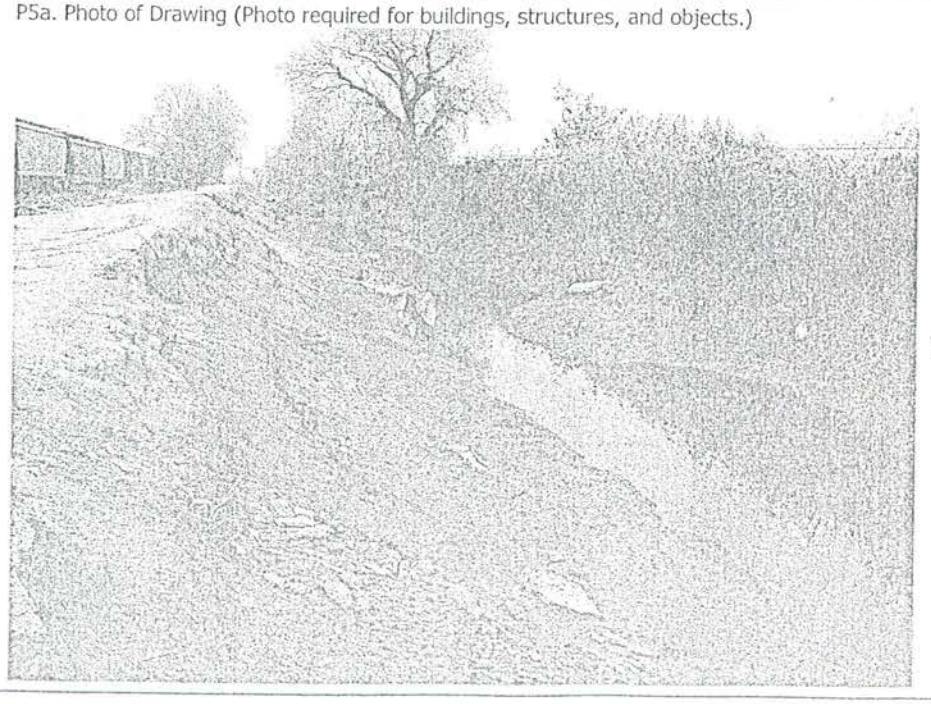
L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)

Warehouse complexes are located to the north and west, and a residential tract is situated along the east banks. The canal segment parallels a railroad spur line to the west.

L7. Integrity Considerations:

See "Significance Statement," Section B10.

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)



L8b. Description of Photo, Map, or Drawing:

Photograph 1. Facing northeast from south end of segment.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)

Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-004677
HRI #
Trinomial CA-FRE-3600SH

***Resource Name or #** (Assigned by recorder) Central Canal

L1. Historic and/or Common Name: ~~Central Canal~~ UPDATE

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:** CC-2

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/255614E/4065635N (north end); 11/255588E/4064868N (south end)

This segment is located on the west side of South Chestnut Avenue, beginning on the south side of Jensen Avenue and extending south to Annadale Avenue.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

This segment is outside of the APE for this project, but is recorded for comparison purposes. The channel at this location is earthen with steep, machine-groomed sides and a flat bottom. The segment has a uniform appearance along its entire length. Engineering features include a poured concrete, two-channel box culvert under Jensen Avenue, a board-formed concrete check gate, and a fifty-foot long river rock retaining wall with asphalt mortar, located on the east bank of the canal downstream from the check gate (see **Photographs 2 and 5**).

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** 40 feet
b. **Bottom Width** approximately 25 feet
c. **Height or Depth** approximately 12 feet
d. **Length of Segment** 2,500 feet

L4e. Sketch of Cross-Section (include scale) **Facing:** South

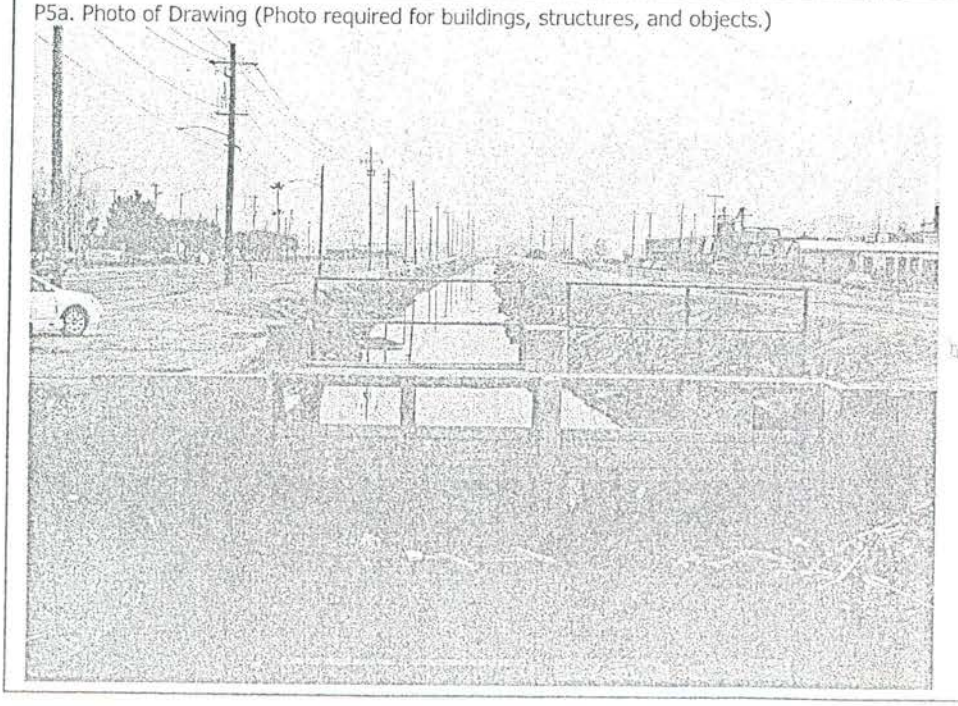


L5. Associated Resources:
See "Description," Section L3.

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)
Warehouse complex located to the west, open field and industrial complex to the east, and mixed residential and retail area along Jensen Avenue to the north.

L7. Integrity Considerations:
See "Significance Statement," Section B10.

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)



L8b. Description of Photo, Map, or Drawing:
Photograph 2. Facing south from Jensen Avenue.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)
Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

*Required Information

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-10-004677
HRI #
Trinomial CA-FRE-3005H

Page 5 UPDATE

***Resource Name or #** (Assigned by recorder) Central Canal

L1. Historic and/or Common Name: Central Canal

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:** CC-3

***b. Location of point or segment:** (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.)

UTM: 11/254783E/4062553N (north end); 11/254728E/4062442N (south end)
This segment begins on the northeast corner of Central Avenue and South Maple Avenue, west of Highway 99, and extends northeast for about 300 feet.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)

This segment is outside of the APE for this project, but is recorded for comparison purposes. This portion of the canal is concrete-lined and has a flat bottom and steep walls. It passes under Central Avenue through a poured concrete, two-channel box culvert.

L4. Dimensions: (in feet for historic features and meters for prehistoric features)

a. **Top Width** 30 feet
b. **Bottom Width** approximately 25 feet
c. **Height or Depth** approximately 7 feet
d. **Length of Segment** 300 feet

L4e. Sketch of Cross-Section (include scale) **Facing:** Northeast

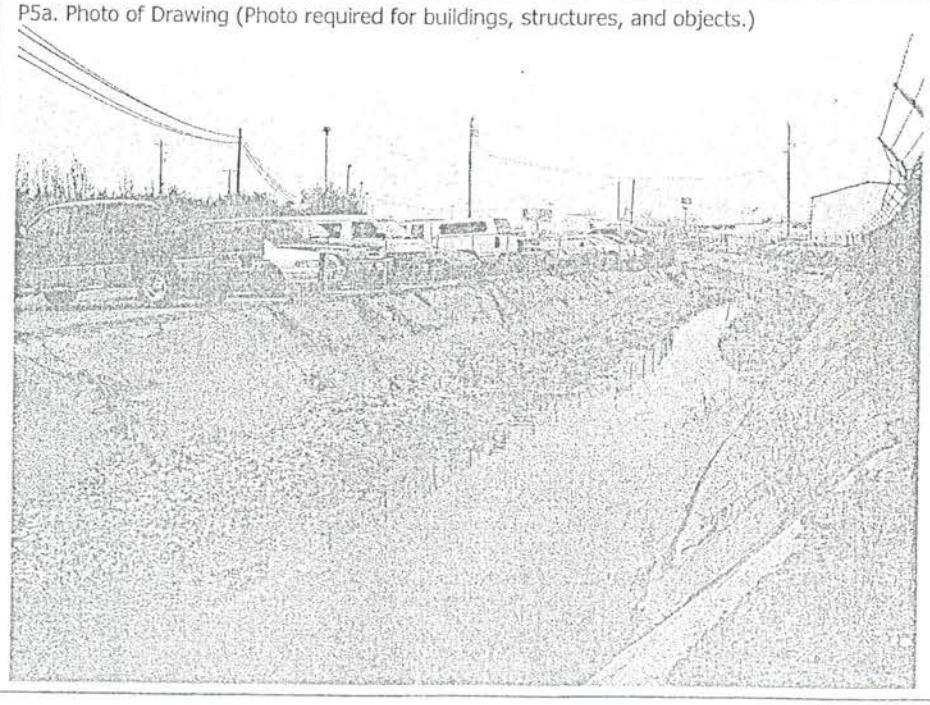


L5. Associated Resources:
See "Description," Section L3.

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)
The canal at this location is completely surrounded by modern commercial development.

L7. Integrity Considerations:
See "Significance Statement," Section B10.

P5a. Photo of Drawing (Photo required for buildings, structures, and objects.)



L8b. Description of Photo, Map, or Drawing:
Photograph 3. Facing northeast from Central Avenue.

L9. Remarks:

L10. Form prepared by: (Name, affiliation, address)
Bryan Larson & Cindy Toffelmier
JRP Historical Consulting
1490 Drew Ave, Suite 110
Davis, CA 95616

L11. Date: January 14, 2004

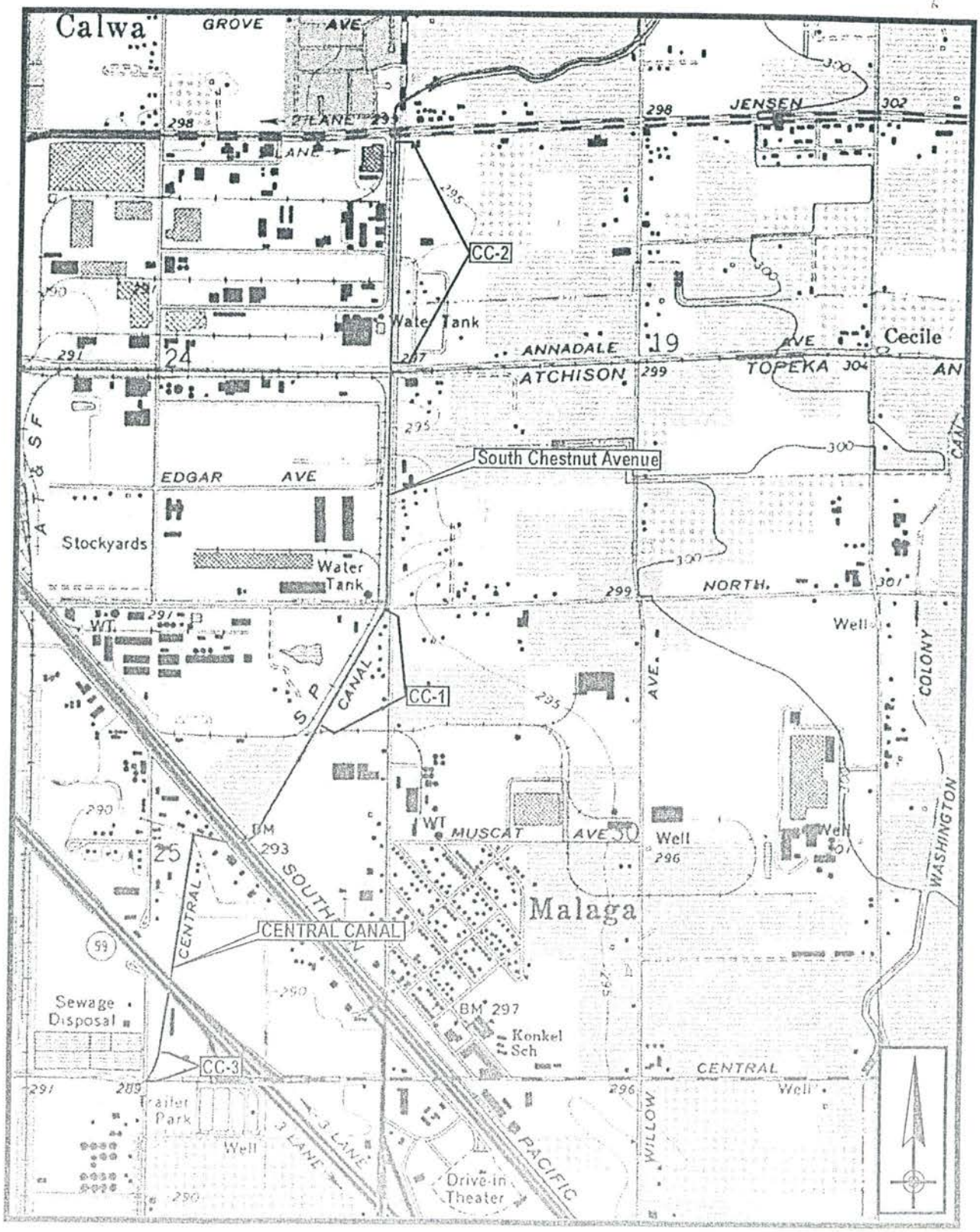
State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # P-10-004677
HRI #
Trinomial CA-FRE-3005H

Page 6 UPDATE

*Resource Name or # (Assigned by recorder) Central Canal

Map Name *Malaga* 7.5' USGS Quadrangle — Scale 1:24,000 — Date of Map 1964 (photorevised 1981)
Fresno South 7.5' USGS Quadrangle — Scale 1:24,000 — Date of Map 1963 (photorevised 1981)



DPR 523B (1/95)

*Required Information

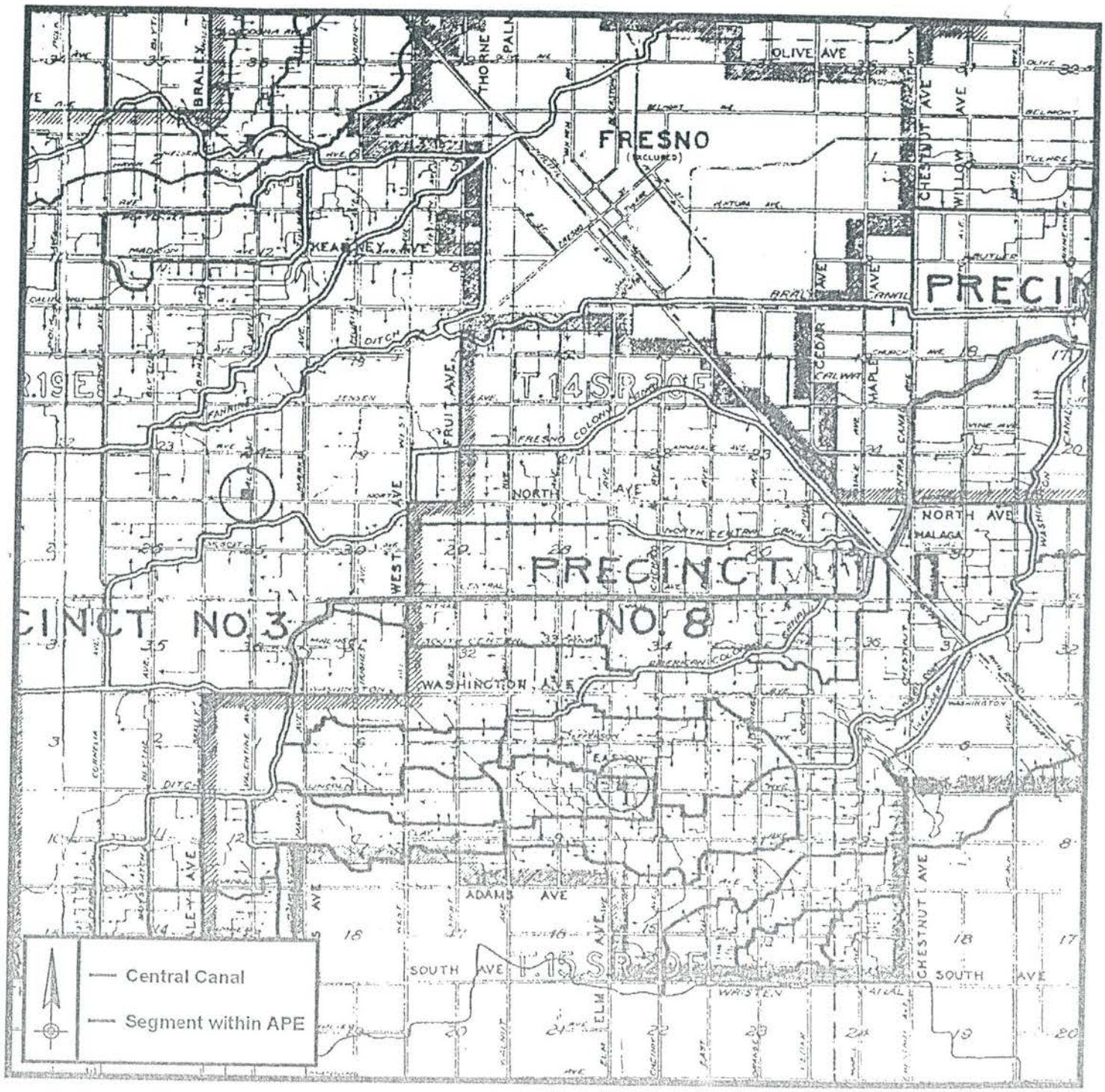


Figure 1. Central Canal Alignment in 1928

(Base Map. Fresno Irrigation District, "Map of Fresno Irrigation District Showing Class 'A' and Class 'B' Canal System," 1928)

L3. Description (continued):

UPDATE

Segment CC-1

The canal crosses under North Avenue through a board-formed concrete, two channel box culvert with a flared wingwall on the outlet side. About 100 feet downstream from the intersection is a board-formed and aggregate concrete check gate. The check gate, shown in **Photograph 4**, has four channels that are crossed by a concrete walkway.

Segment CC-2

The structures associated with this segment are similar to those found at Segment CC-1. They include a two channel box culvert with wingwalls on the outlet side and a concrete check gate. The gate has four channels and a concrete walkway with metal hand rails. On the east side of the canal, just downstream from the check gate, is a rubble masonry retaining wall set in asphalt mortar (**Photograph 5**).

B10. Significance (continued):

The Central Canal is operated today as part of the system of the Fresno Irrigation District, but was originally a privately owned and operated facility built to serve the Central California Colony. Bernard Marks and W. S. Chapman organized and promoted the Central California Colony, the first agricultural colony in Fresno County. The railroad arrived in the Central Valley in 1872, and Marks saw great potential for expanding the market of the products of the regions rich agricultural lands. Marks and Chapman planned the colony over a twenty-one square mile tract, but set aside only six square miles for initial development. They divided this area into 192 20-acre plots and designed a system of roads and canals.[1]

In August 1875, Marks and Chapman hired a crew of engineers and laborers who began surveying and constructing the colony roads and canals, including the Central Canal. The Fresno Canal and Irrigation Company (FC&IC) supplied water to the colony from the Fresno Canal via the Fancher Creek Canal. Central Canal received its first water in early 1876. With a constant and reliable water supply secured, Chapman and Marks advertised the sale of lots, and the colony soon enjoyed increasing popularity. By late 1878 settlers had arrived and purchased most of the available lots from Chapman and Marks, and FC&IC continued to provide the colony with irrigation water.[2]

Under the aegis of the FC&IC, colony settlements like the Central California Colony, Malaga Colony, Washington Colony, and Fresno Colony were able to develop during the last quarter of the nineteenth and the first decade of the twentieth centuries. Although the settlers in colonies obtained "water rights" for specific quantities delivered at their farm laterals as part of their land purchase agreements, ownership of the water remained in the hands of the capitalist-

[1] Emily Thickens, "Pioneer Agricultural Colonies of Fresno County, California." California Historical Society Quarterly (March 1946): 26-32.

[2] Frank Adams, *Irrigation Districts in California*. State of California Department of Public Works, Reports of the Division of Engineering and Irrigation, Bulletin No. 21. Sacramento: California State Printing Office, 1929; Thickens, "Pioneer Agricultural Colonies of Fresno County"; JRP Historical Consulting Services (JRP), "Draft Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project." Woodward-Clyde Consultants, 1995: 29-32.

developers of the tract. By constructing the irrigation system and providing water at a specified rate, the promoters could sell project lands at irrigated land values. Profits were largely secured from the increment in land value rather than in any expected profit from the continued operation of the irrigation system. Also, funds were usually not available for regular maintenance of the irrigation systems, so the canals often fell into disrepair.[3]

The Wright Act, passed in 1887, provided for the formation of irrigation districts in California. Under the law, irrigation districts were public corporations, empowered to issue bonds and condemn property, to levy and collect taxes, and to maintain and operate irrigation works. Forty-nine irrigation districts were organized during the period 1887 to 1896, most of them between Stockton and Bakersfield. However, by the late 1920s only seven of the original districts were still in existence, among them were the Modesto, Turlock, and Tulare irrigation districts. From 1897 to 1909 not one new irrigation district was formed. However, in the 1910s a second wave of irrigation district formation began, spurred by new legislation, increased population, and high agricultural demand. By 1930 there were 94 active districts in California and the land watered by these agencies mushroomed to 1.6 million acres.

In the early 1920s the FID organized, incorporating much of the previous private irrigation operations of the area into one publicly-financed district. The FC&IC, of which the Central Canal was a component, formed the nucleus of the new irrigation district. The FC&IC's water system had approximately 200 miles of main canals in 1889; by the turn of the century those numbers had increased to 300 miles of main canals, 1,000 miles of branch canals, and 5,000 miles of distributing canals. The area served by the new district was almost completely under cultivation. The irrigation system that FID inherited was extensive, but rather primitive, consisting entirely of unlined earthen structures with an almost total lack of water flow control structures. Furthermore, the original canals were not designed with proper attention to the relationships between canal grade, the shape of the canals, or the velocity of water within the canals.[4] When the district took over the canals in the early 1920s checking erosion and correcting irregular grades of the canal line was a major priority. Most of the old timber diversion works, headgates, and check weirs were replaced in the 1920s with concrete structures; elsewhere where grades were excessive, the old alignment was abandoned altogether.[5] Throughout the latter half of the twentieth century, FID made ongoing improvement to its system through the addition of concrete check gates, weirs, turnouts, and other water control features. Additionally, during the 1940s and 1950s the district added numerous sections of concrete lining to sections of many of its canals in an effort to control seepage. Rubble masonry walls were also constructed during the 1940s and 1950s to control erosion downstream of control structures. In addition, FID continues to perform annual maintenance work to improve its delivery system, such as cleaning and dredging the canals.[6]

In 2001, a segment of the Central Canal was surveyed at its intersection with the Burlington Northern Santa Fe Railway (BNSF).[7] The authors of that study concluded that the Central Canal, being the main water supply line for

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[3] Thickens, "Pioneer Agricultural Colonies of Fresno County," passim; Adams, *Irrigation Districts in California*, passim.; JRP "Draft Proposed Mojave Northward Expansion Project," 9-10.

[4] W. L. Huber, "Engineering Report Fresno Irrigation District," 1921. Typescript, Water Resources Center Archives, University of California, Berkeley; JRP, "Draft Proposed Mojave Northward Expansion Project," 31-32.

[5] Grunsky, C.E., *Irrigation Near Fresno*, CA. U.S.G.S. Water Supply Paper No. 18, 1898: 73; Adams, *Irrigation Districts in California*, 208.

[6] Fresno Irrigation District, "Report of the Chief Engineer and Manager to the Board of Directors," various years, 1947-1963; JRP, "Draft Proposed Mojave Northward Expansion Project," 32.

[7] Bruce Love and Bai "Tom" Tang, "Historical Resources Compliance Report: The Burlington Northern Santa Fe Railway Company San Joaquin Corridor Capacity Improvements, Bowles (MP 986.34) to Calwa (MP 994.80), Fresno County, California," January 19, 2001.

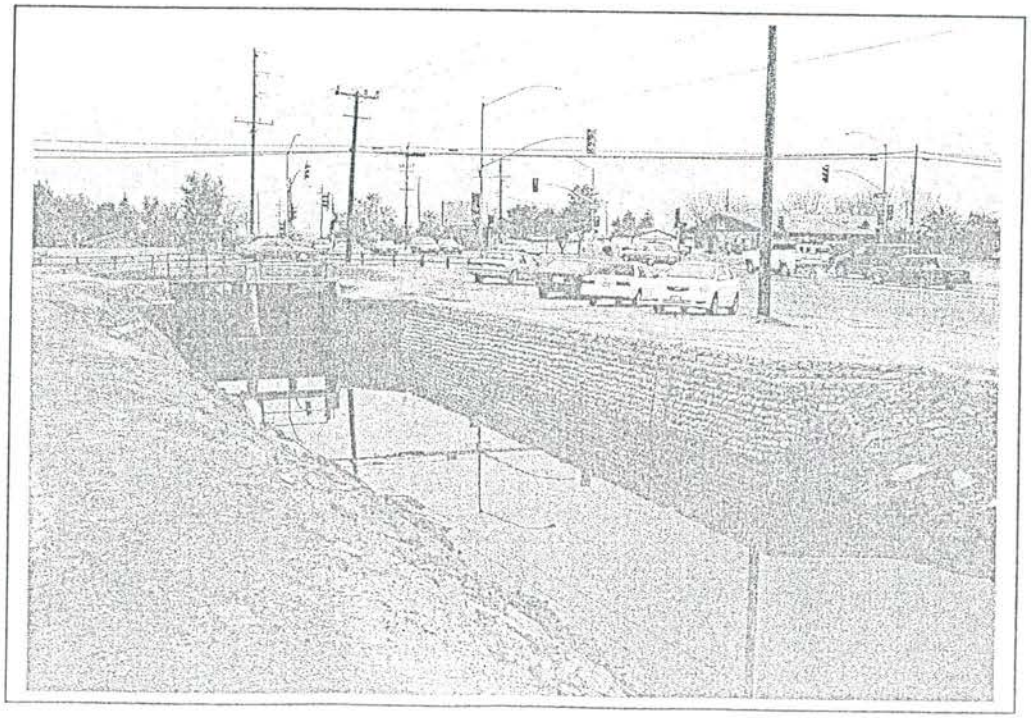
the 1875 Central California Colony, is potentially eligible for listing in the California Register of historic places as an element of a historic district, pending further documentation of the colony and its history. The section of the Central Canal within the APE for this project does not appear eligible for the California Register of Historical Resources, either individually or as a contributor to an as-yet undefined historic district, because it does not retain integrity to its potential period of significance (1874-1920). The Central Canal is potentially significant under Criterion 1 for its associations with late nineteenth century agricultural development of Fresno County and the development of the Central California Colony during the 1870s. It is also potentially eligible under Criterion 3 as an important example of pioneer-era canal engineering. The period of significance begins with the canal's date of construction, circa 1875, and continues to 1920, when Fresno Irrigation District was formed, thus effectively ending the era of colonization in Fresno County.

The Central Canal within the APE for this project bears little resemblance to its appearance during its potential period of significance for its associations to the Central California Colony. As discussed above, the canal has been upgraded and routinely maintenance throughout much of the twentieth century. All observed water control structures are concrete replacements of the original timber structures, and the banks have been repeatedly scraped and dredged, changing the shape and dimensions of the channel. At Segment CC-3 the canal has been completely lined with concrete for several hundred feet. With the exception of integrity of location, the canal has few aspects of integrity that recall its historic appearance to its original construction. While it retains some aspects of engineering from the early FID period, it also contains appreciable features that make it read like a modern, post-World War II canal, especially where it is concrete lined. Lacking integrity to its potential period of significance, the Central Canal at this location does not appear to contribute to any resources that might be recognized as eligible for listing in the California Register.

Photographs (continued):



Photograph 4. Board-formed concrete check gate (center) and concrete box culvert (left), north end of Segment CC-1.



Photograph 5. Concrete check gate and rubble masonry retaining wall at north end of Segment CC-2.

Supplement

#145600

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #: P-10-004677
HRI # DOE-ID-03-00880-0000
Trinomial CA-FRE-3605H
NRHP Status Code: 4D2
Other Listings
Review Code ____ Reviewer _____ Date __ ____

***Resource Name or #:** Central Canal **Map Reference No.:** 3

P1. Other Identifier:

***P2. Location:** Fresno

***a. County:** Fresno

b. Address: N/A **City** Fresno **Zip** 93722

***c. UTM: USGS Quad:** Malaga **Date:** 1964 Photorevised 1978 **d. UTM:**

***e. Other Locational Data:**

***P3a. Description:**

The subject resource is a section of the Central Canal. The canal begins at the end of Fancher Creek Canal, near the south line of the northeast quarter of Section 17, township 14 south, range 21 east, M.D.B. & M., and running in a southwesterly direction, approximately 11.84 miles, to its terminus near the northeast corner of the northwest quarter of Section 12, township 15 south, range 19 east, M.D.B. & M. The canal follows much of its original route and is earthen for most of its length. Throughout the project APE the canal measures between 35' wide and is earthen lined with broken concrete block riprap sporadically placed along both sides of the channel. The canal ranges from 10 to 15 feet in depth; a definite measure was not possible due to water levels.

***P3b. Resource Attributes:** HP20 (Canal)

***P4. Resources Present:** ■Structure

P5. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: View east of Central Canal

***P6. Date Constructed/Age:** ca. 1890
■Historic

***P7. Owner and Address:** Fresno Irrigation District 2907 South Maple Avenue. Fresno, CA 93725

***P8. Recorded by:** Kelly Hobbs
J & R Environmental Services

***P9. Date Recorded:** November 10, 2003

***P10. Type of Survey:** Intensive

***P11. Report Citation:** *Historic Property Survey for the HOME Project for Self Help on South Willow and East Jensen Avenues in Fresno, California*

***Attachments:** Building, Structure, and Object Record, Location Map

Supplement

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #: P-10-004677
HRI#:
CA-FRE-3605H

Map Reference No.: 3
***NRHP Status Code:** 6

***Resource Identifier:** Central Canal
B1. Historic Name: Central Canal
B2. Common Name: same
B3. Original Use: Irrigation **B4. Present Use:** same
***B5. Architectural Style:** N/A
***B6. Construction History:**
Construction completed in 1874 by organizers of the Central California Colony. Since 1920 the Central Canal has been controlled by the Fresno Irrigation District, which maintains the canal for its original agricultural related purpose as well as local water delivery and storm water drainage for the city of Fresno.

***B7. Moved?** ■ No ☐ Yes ☐ Unknown **Date:** N/A **Original Location:**
***B8. Related Features:** N/A
B9a. Architect: N/A **B9b. Builder:** N/A
***B10. Significance: Theme:** N/A **Area:** Fresno
Period of Significance: N/A **Property Type:** N/AI **Applicable Criteria:** N/A

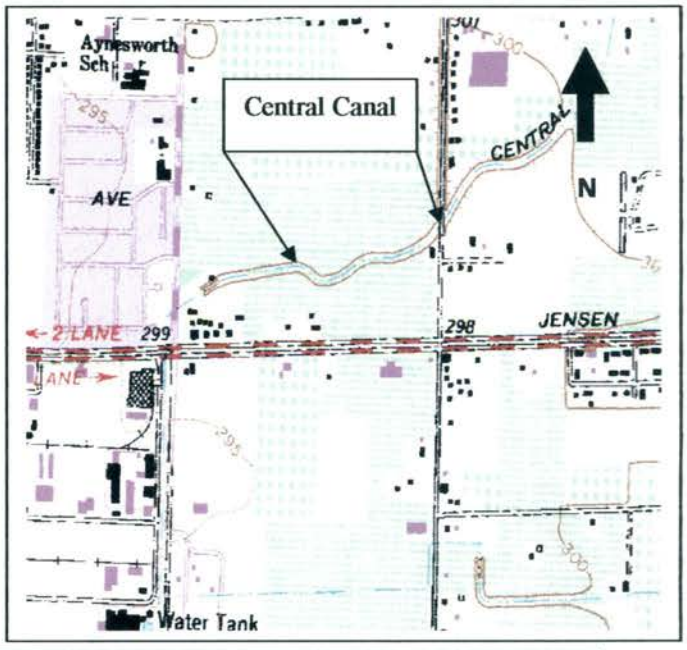
Bernard Marks and William Chapman organized the Central California Colony in the early 1870s. The colony is located approximately two and a half miles southwest of the current evaluated portion of the subject resource. The partners originally planned the colony on twenty-one square miles of land, but eventually settled for a smaller six-square mile colony located south of the city of Fresno and bounded by North, South, East, and West Avenues. Marks and Chapman and their agent M. Theo Kearney laid out the colony and began building roads and other infrastructure facilities in order to attract buyers. The Central Canal was constructed to supply water to colony settlers, its water coming from the Kings River via the Fancher Creek Canal. For most of its 14-mile length the water flows in a single channel, but as it comes closer to the colony boundary it branches into three distinct channels on the north, central, and southern boundaries of the colony. The canal retains its integrity related to its location and materials but only minimal levels of the remaining aspects of integrity. Workmanship

B11. Additional Resource Attributes: N/A
B12. References: Woodward-Clyde Consultants, Cultural Resources Inventory Report for the Mojave Northward Expansion Project, Vol. 4: Appendix F, Part 1, July 1995.
JRP Historical Consulting, "WATER CONVEYANCE SYSTEMS IN California Historic Context Development and Evaluation Procedures, December 2000.

B13. Remarks: N/A
B14. Evaluator: Kelly Hobbs
J & R Environmental Services

Date of Evaluation: November 10, 2003

(This space reserved for official comments.)



*B10. **Significance,** continued

and design have been lost as modern equipment and maintenance techniques have replaced older methods employed to build and maintain canals. The use of concrete block rip-rap and indications of repeated re-dredging using modern methods and equipment further erode the ability of the canal to reflect its resemblance to its appearance in the 1870s when it was constructed. Wooden bridges which may have been built early in the canal's existence and providing human or vehicular access for adjacent land owners have been removed The aspects of feeling and association between the canal and the land it was built to supply has been lost due to modern construction of houses, commercial complexes, and storm retention basins; modern highway bridges have replaced earlier wooden structures used to cross nearby county roads. These changes have also affected the setting of the canal which would require the existence of a rural agricultural landscape for which the canal was constructed, rather the area is more identifiable as a fringe urban area with a mix of single family residential, multi-family housing, and commercial buildings. Because it retains very low integrity related to a potential period of significance, the portions of the canal within the project study area do not appear to meet the eligibility criteria for listing in the National Register of Historic Places. As a matter of comparison the Washington Colony Canal which is located nearby with a similar construction history exists as a better example of an early agricultural canal. In addition the portions of the canal evaluated herein would not contribute to the eligibility of the Central Canal if it were to be evaluated in its entirety. Likewise the portions of the canal evaluated herein are not historical resources for the purpose of CEQA.

P 10 004677

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 4X
Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 607-3H

P1. Other Identifier: Central Canal at the crossing of the Burlington Northern Santa Fe Railway (formerly Atchison, Topeka and Santa Fe)

***P2. Location:** ____ Not for Publication √ Unrestricted ***a. County** Fresno

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quads** Malaga, Calif (6571B) **Date** 1964, photorevised 1981

T14S; R20E; **between** NE 1/4 of NW 1/4 and NW 1/4 of NW 1/4 of Sec 36; M.D. **B.M.**

Elevation: Ca. 291 ft

c. Address N/A **City** Fresno vicinity **Zip** N/A

d. UTM: (Give more than one for large and/or linear resources) **Zone** 11; 254320 **mE**/ 4062480 **mN**

UTM Derivation: √ USGS Quad ____ GPS

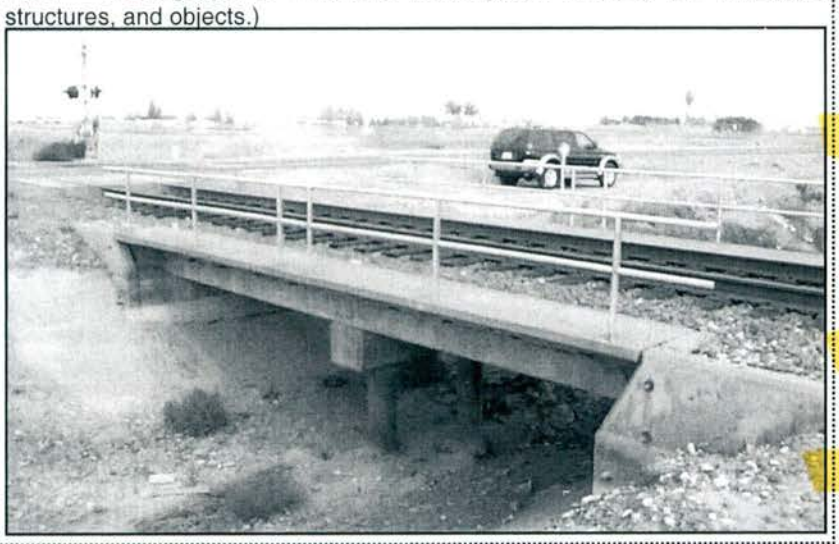
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) BNSF Mile Post 993.3; on the south side of Central Avenue

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) The Central Canal, the main water supply line for the 1875 Central California Colony, runs along the south side of the current alignment of Central Avenue at this location, and crosses the Burlington Northern Santa Fe Railway under a concrete-and-steel bridge. The bridge is evidently a modern structure, but the unlined earthen canal appears to retain much of its historic look despite constant maintenance and improvement over the years.

***P3b. Resource Attributes:** (List attributes and codes) HP20–canal/aqueduct

***P4. Resources Present:** ____ Building ____ Structure ____ Object ____ Site ____ District √ Element of District ____ Other (isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on December 11, 2000; view to the northeast

***P6. Date Constructed/Age of Sources:** √ Historic ____ Prehistoric ____ Both

***P7. Owner and Address:**
Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

***P8. Recorded by:** (Name, affiliation, and address)
Bai "Tom" Tang, CRM TECH
2411 Sunset Drive
Riverside, CA 92506

***P9. Date Recorded:** December 11, 2000

***P10. Survey Type:** CEQA-compliance survey (intensive)

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") Bruce Love and Bai "Tom" Tang (2001): Historical Resources Compliance Report: The Burlington Northern Santa Fe Railway Company San Joaquin Corridor Capacity Improvements, Bowles (MP 986.34) to Calwa (MP 994.80), Fresno County, California, Caltrans District 6 (in progress).

***Attachments:** ____None ____Location Map ____Continuation Sheet √ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List): _____

DPR 523A (1/95) ***Required information**

P 10 004677

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

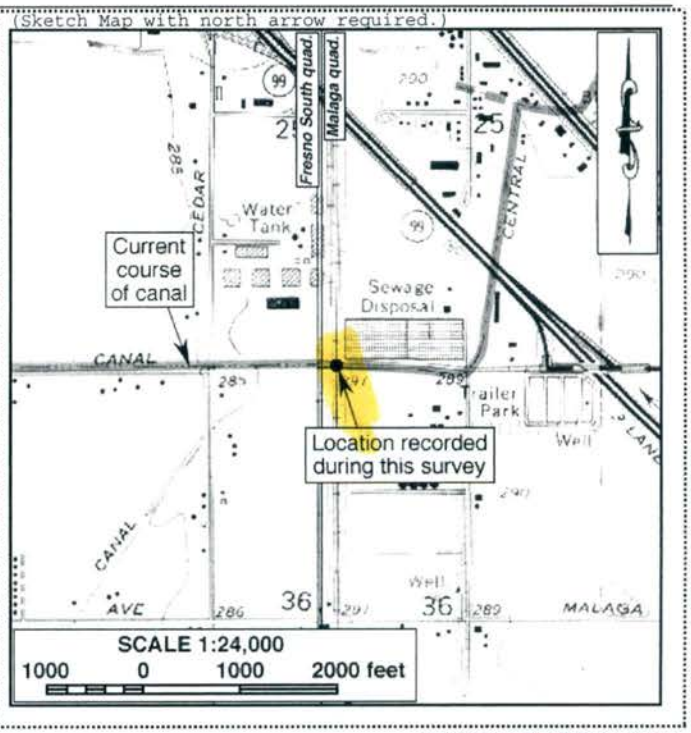
Page 2 of 2

*NRHP Status Code 4X

*Resource Name or # (Assigned by recorder) CRM TECH 607-3H

B1. Historic Name:
B2. Common Name:
B3. Original Use: Irrigation canal
B4. Present Use: Irrigation canal
*B5. Architectural Style: N/A
*B6. Construction History: (Construction date, alterations, and date of alterations) Founded in 1875, the Central California Colony was the first organized rural settlement to be subdivided and marketed in the Fresno area (Clough and Secrest 1984:143-144). The success of the Central California Colony prompted a rush of similar "colonies" in the area during the late 19th century, peaking in the 1880s. The Central Canal was presumably developed at the time of the founding of the colony. It was known to be running along the current course at this location at least by 1891 (Thompson 1891:69). Construction date of the bridge is unknown, but it appears to be modern.
*B7. Moved? √ No ___ Yes ___ Unknown Date: Original Location:
*B8. Related Features:
B9a. Architect: b. Builder:
*B10. Significance: Theme Irrigation; rural community development
Area Fresno Period of Significance 1870s-
Property Type Irrigation canal Applicable Criteria A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) The Central Canal may become a contributing element of a potentially significant historic district once the Central California Colony and its irrigation system are adequately documented.
B11. Additional Resource Attributes: (List attributes and codes)
*B12. References: Clough, Charles W., and William B. Secrest, 1984: *Fresno County—The Pioneer Years*; Panorama West Books, Fresno. Thompson, Thomas H., 1891: *Official Historical Atlas Map of Fresno County*; Office of the Board of Supervisors of Fresno County.
B13. Remarks:
*B14. Evaluator: Bai "Tom" Tang
*Date of Evaluation: December 26, 2000

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

P-10-006759

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 103

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Fresno Grape Stake Yard

2.Historic Name:

3.Street or rural address: 2838 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-140-13 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

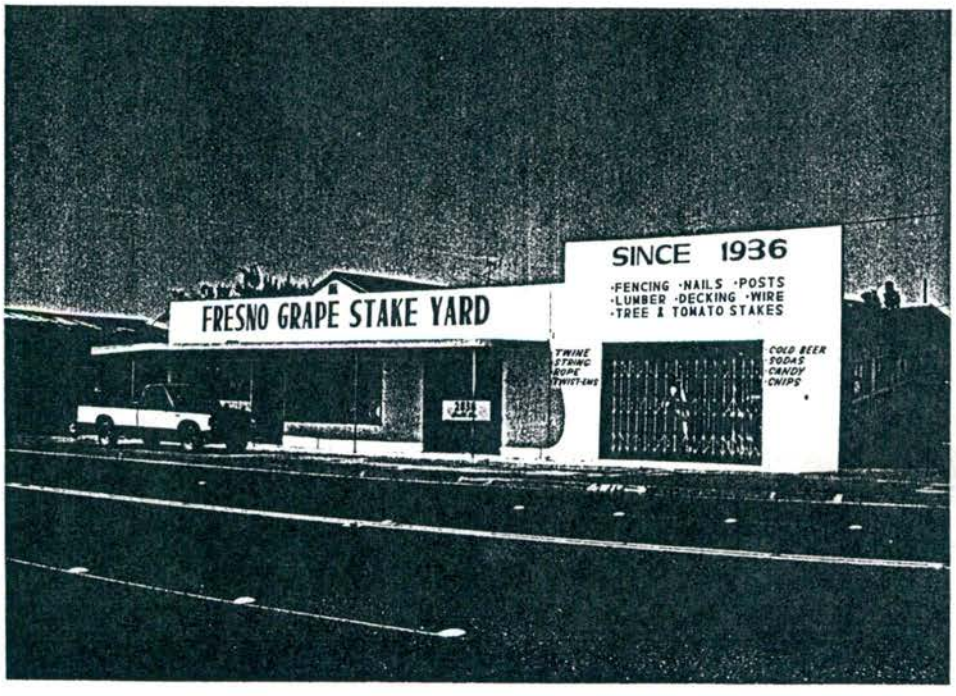
6. Present Use: Commercial Original Use: Residential

DESCRIPTION

7a.Architectural Style: Vernacular Commercial

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A high one- or two-story commercial building with the facade raised above the gable-roof behind. The stuccoed wood facade, divided into two sections (one higher than the other) has a metal canopy on metal pipe columns extending across one section above which "Fresno Grape Stake Yard" is painted. This section has entrance doors and bank of display windows across most of the front and a vehicular service entrance on the other side. The second section has "since 1936" and other signage painted on the facade and a large vehicular entrance with a metal grill cut into the center. The building front appears to have been built across an older house which is largely incorporated into a large rear addition.



8. Construction date ca. 1936
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: The major part of the structure appears to be an addition to an older residence, but it may be older than fifty years.

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: None, building covers property.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

Although the original residence and major addition may be more than fifty years old, this building is architecturally undistinguished and, not being the work of a master or associated with important people or significant events in history, is not eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

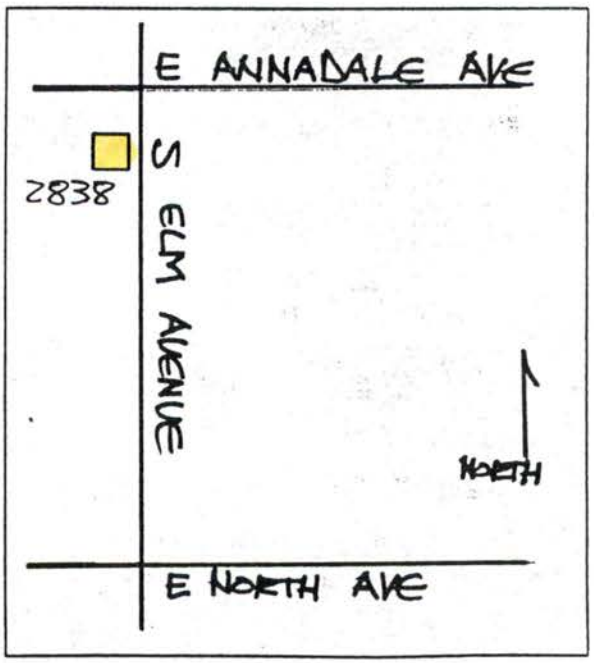
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



2838 South Elm Avenue

P-10-006760

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 104

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 2904 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-150-36 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

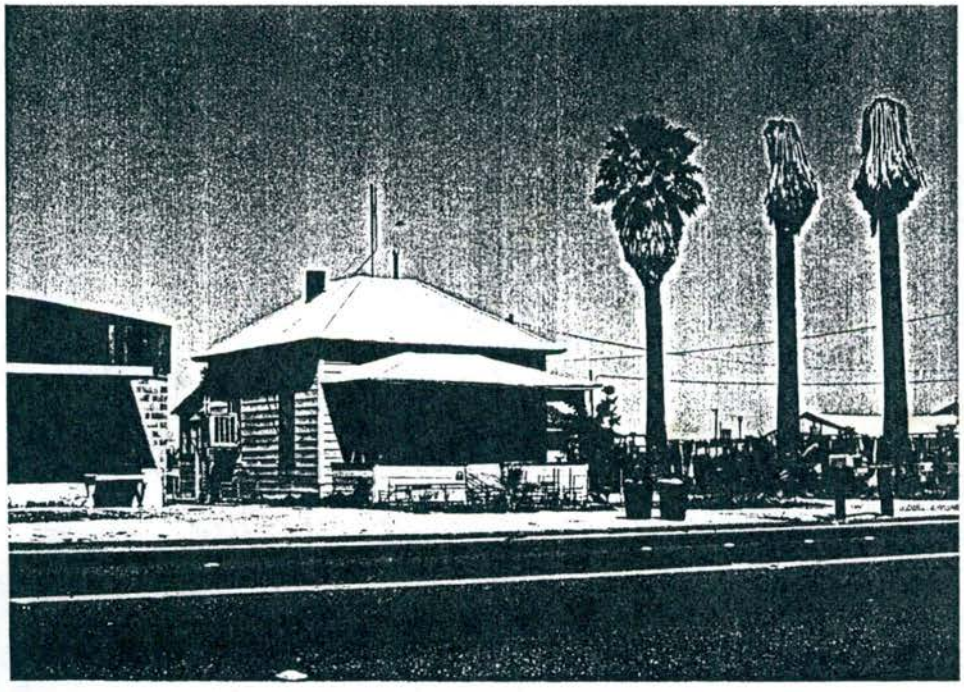
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular Cottage/Hip-Roof Family

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-and-a-half-story, square house with hipped-roof and four-bay front porch, raised several steps, with hip-roof supported on square wood posts set on a solid wooden wall. A one-story, shed-roof addition is attached to the back of the house. Door and windows are wood framed; windows have double-hung wood sash with two lights.



8. Construction date ca. 1915
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Second story removed in 1946 and new roof added; porch and house re-sided

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: A commercial building, three sheds on one side of the property and four sheds on the other side; three mature palms

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

The City Building Records and City Diectories revealed little history for this property, aside from it being condemned as a dangerous building in 1978. A short title search located Mrs. Floyd Hickey, whose father and mother, Robert E. and Mary C. Wilson, purchased the property in 1946. Mrs. Hickey remembered that the house was two-stories at the time of purchase. The house was in such bad condition that the Wilsons removed the second story and roof, converting it into a one-story building. This alteration, along with other repairs made at that time, have resulted in a loss of integrity that render the property ineligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

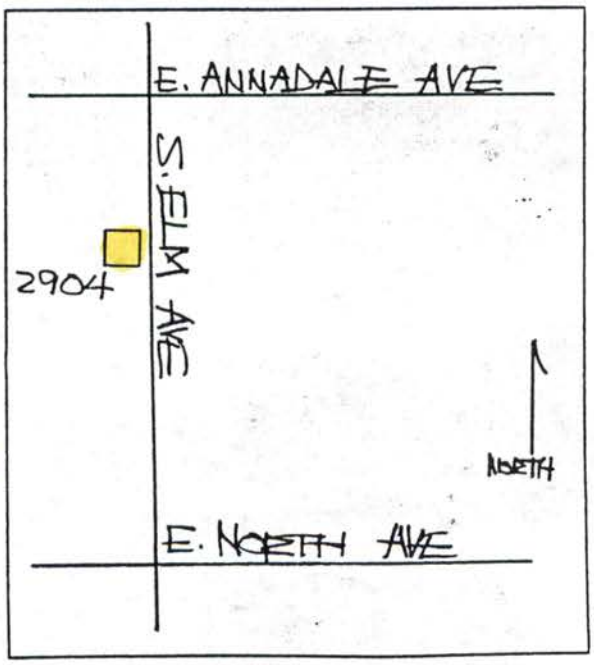
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

- Fresno City Building Records
- Fresno City & County Directories, 1916 to 1954
- County Hall of Records, Vital Statistics
- County Hall of Records, Recorder's Office
- Mrs. Floyd Hickey, interview 10/17/90

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



2904 South Elm Avenue

P-10-006761

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 105

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 2909 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-49 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

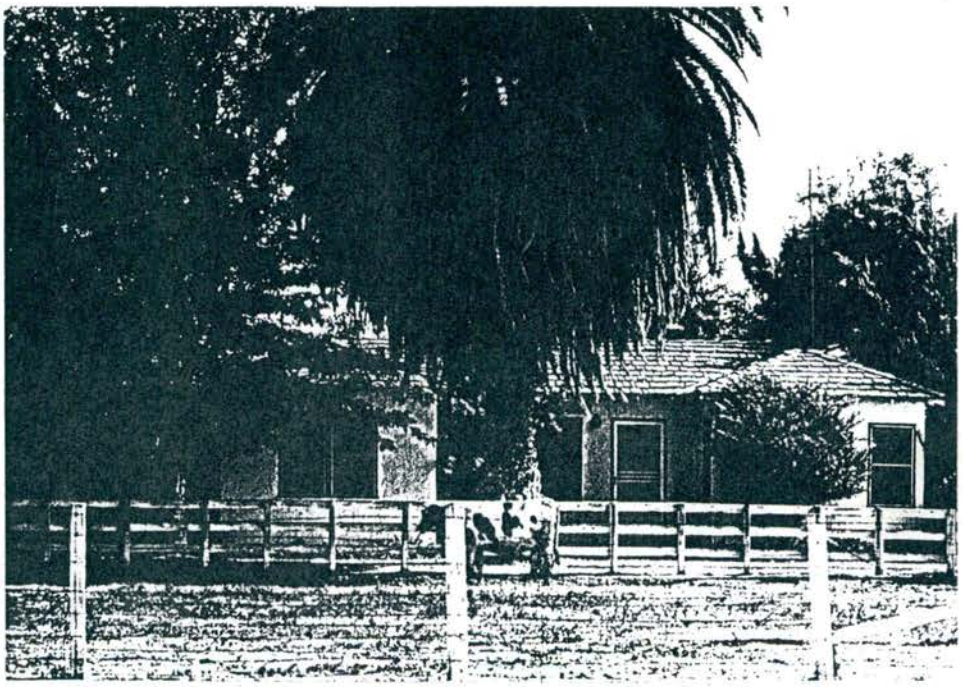
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Mediterranean Revival

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

The one-story farmhouse has an irregular plan with a projecting, polygonal bay in front. The main roof is gabled and has boxed eaves. The exterior is stuccoed; doors are wooden; windows vary from double-hung wood sash to casement. The exterior is shrouded in vegetation and nearly invisible. The outbuildings consist of contemporary looking metal and wood sheds and a large, corrugated metal dairy barn.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: None visible

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Mature palms planted along entrance drive and around the house along with many other mature trees, shrubs and foundation planting. A wooden, horizontal rail fence with wood posts encloses most of the property around the farmhouse. Wood and wire fencing encloses the fields.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This dairy farmstead does not seem to be eligible for listing on the National Register of Historic Places because neither the buildings nor the landscape features are outstanding or unusual in respect to typical farmsteads in the region. The architectural style of the farmhouse is common, and it is not the work of a master.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

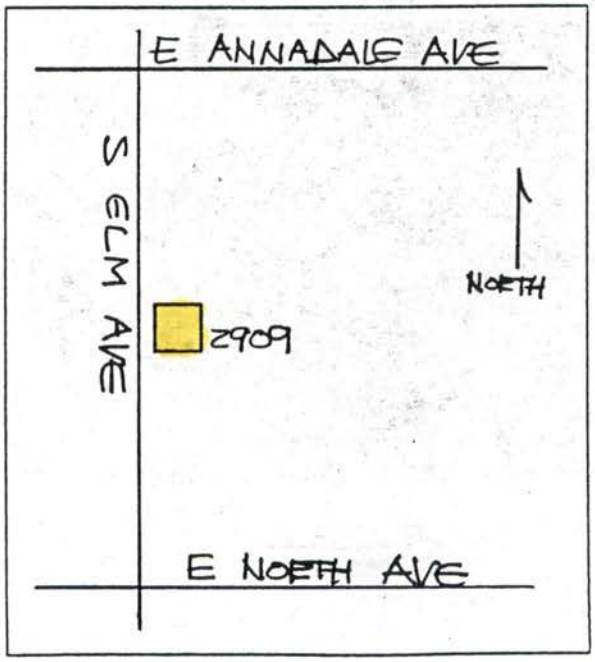
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

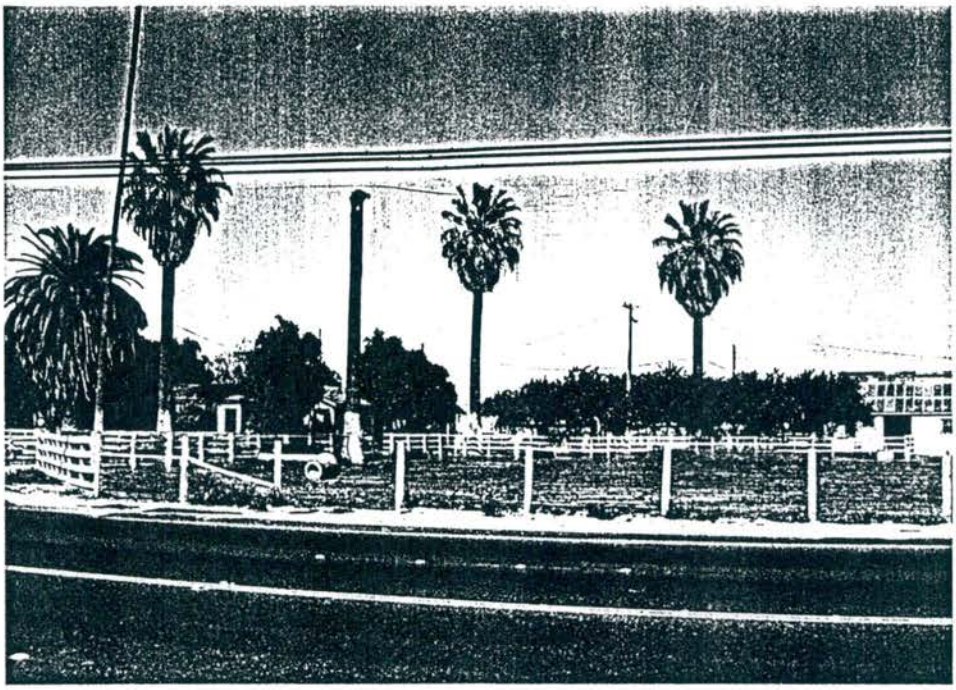
Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)

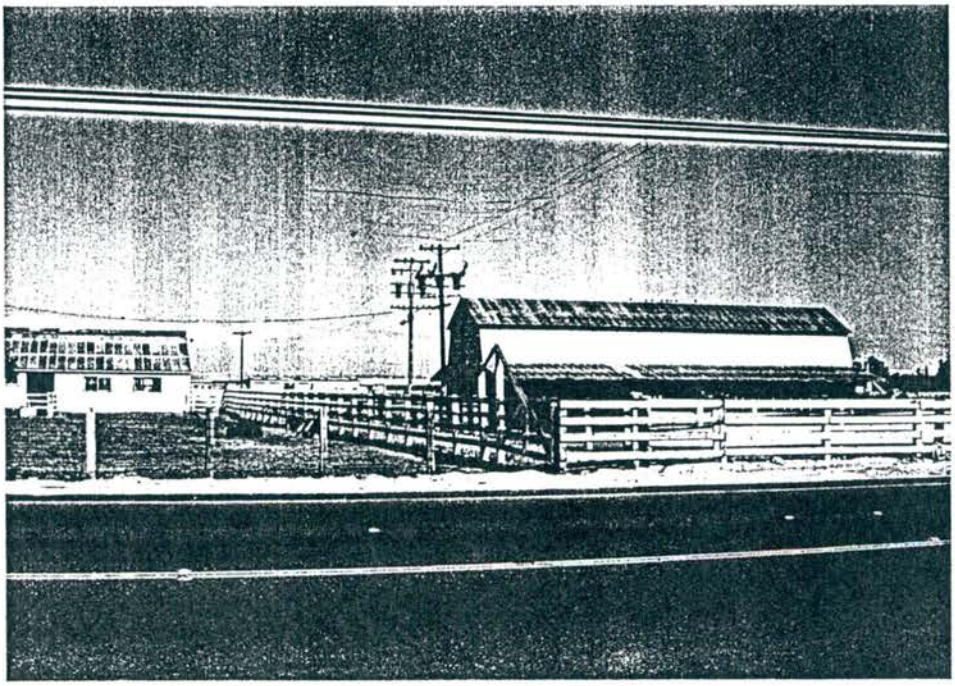


2909 South Elm Avenue

P-10-006761

Supplemental Photographs for 2909 South Elm Avenue





P-10-006762

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 106

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 2932 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-150-29 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

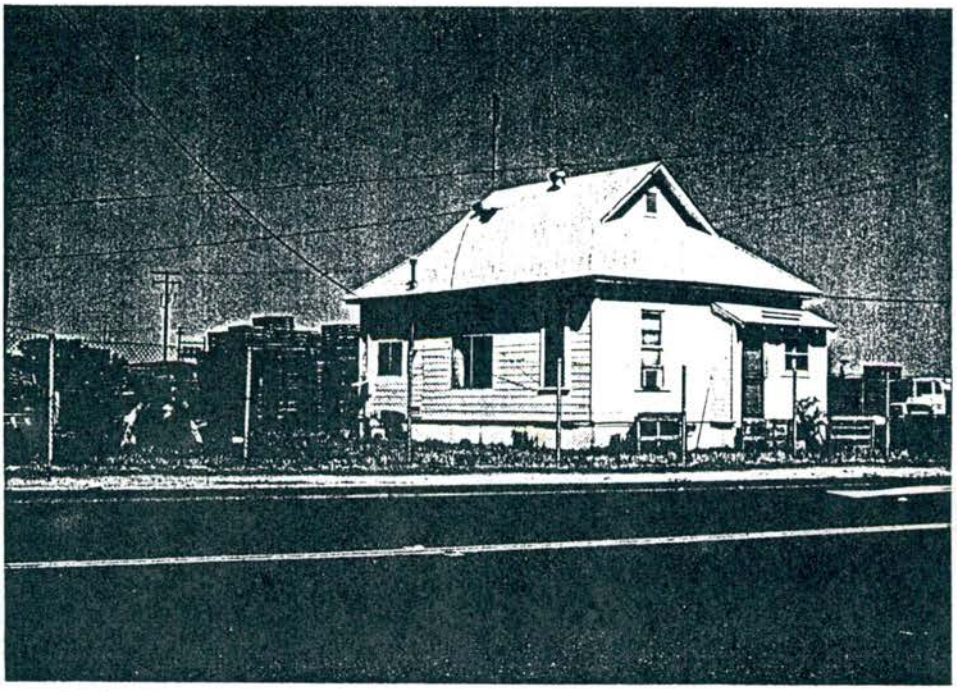
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular Cottage/Front-Gable Family

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A story-and-a-half, rectangular-plan cottage with a hip-and-gable roof and a shed-roof entrance way projecting from one side of the facade. The roof eaves are boxed. The front section of the house may have originally been an open porch, but is now enclosed. Exterior cladding appears relatively new and is horizontal lapped boards. The front door is wood; windows vary from double-hung wood sash to sliding aluminum sash.



8. Construction date ca. 1900+1970s
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: Exterior re-sided and altered including enclosing the front porch, adding a shed-roofed entry, windows, door and foundation. Building now an office.

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? ( ) Moved? (X) Unknown? ( )

18.Related features: Wire fencing around lot; rear of property stacked with wooden crates.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This house does not seem to be eligible for listing on the National Register of Historic Places because numerous alterations and new foundation have destroyed its integrity. Moreover, the new foundation and use suggest that it may have been moved either on the site or from another site.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

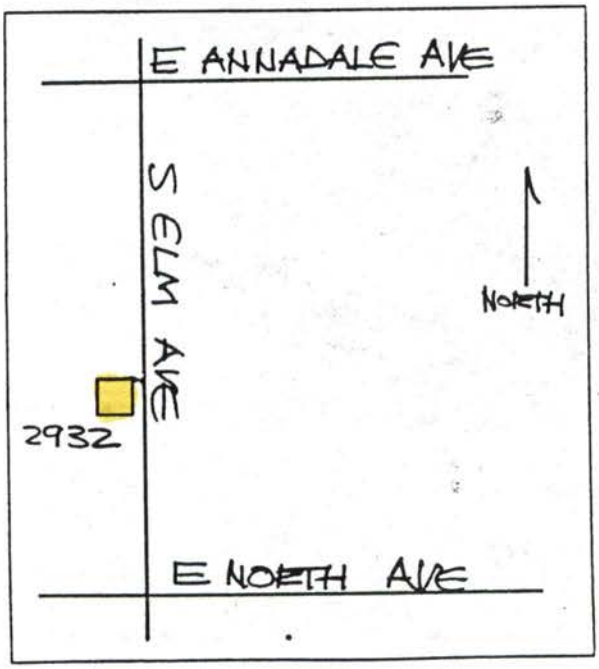
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. Thompson, Official Historical Atlas Map of Fresno County, 1891

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



2932 South Elm Avenue

P-10-006763

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 107

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 2946 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-150-28 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

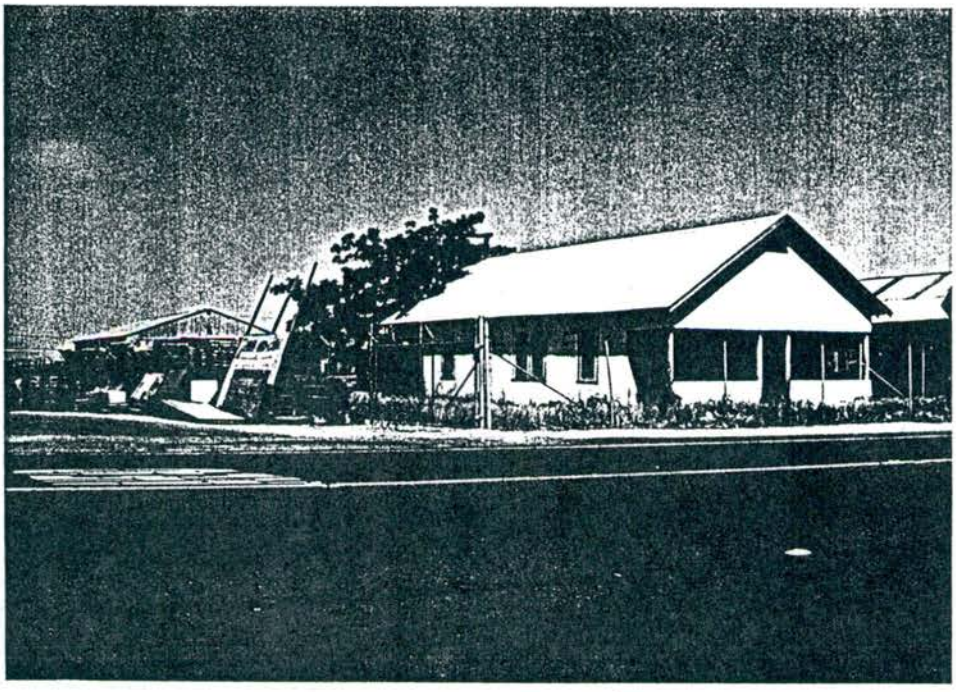
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow, modified

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A story-and-a-half, front-gable, rectangular-plan house with a front porch recessed under the main roof. The exterior of the house has been completely remodeled and no original features remain except for the wood-framed, double-hung windows with two lights.



8. Construction date ca. 1925+1980
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: Exterior remodeled

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Chain-link fence around property, trees in back at edge of large fenced lot filled with crates. At the back of the lot is a gable-roofed, metal shed which may not belong to this property.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This bungalow does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

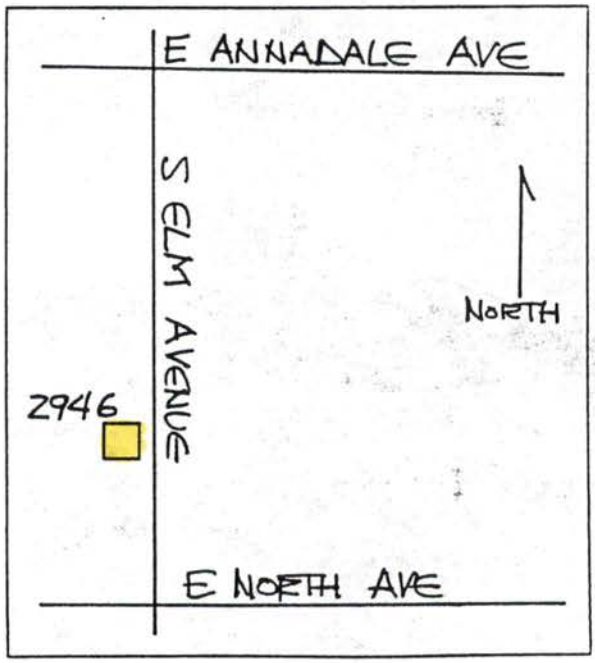
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



2946 South Elm Avenue

P-10-006764

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 108

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Garcia Paving

2.Historic Name:

3.Street or rural address: 2951 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-54 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

6. Present Use: Commercial Original Use: Residence

DESCRIPTION

7a.Architectural Style:

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gable, rectangular-plan bungalow with an off-center front porch. The front gable ends are clipped at the ridge over latticed attic vents and have cover boards and decorative beam ends; side eaves have exposed rafter ends. Porch corners have split-columns made of square wood posts in-filled with staggered wood slats. The exterior has been both stuccoed and re-clad with horizontal board siding on the sides. The porch has been cut further into the house front; doors and windows have been replaced. The building is now used as an office for Garcia Paving, which is painted on the gable end of the porch.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Porch altered; siding and windows replaced

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Chain-link fence around property, mature palms and other trees near house, but no maintained landscaping.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This Craftsman bungalow does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

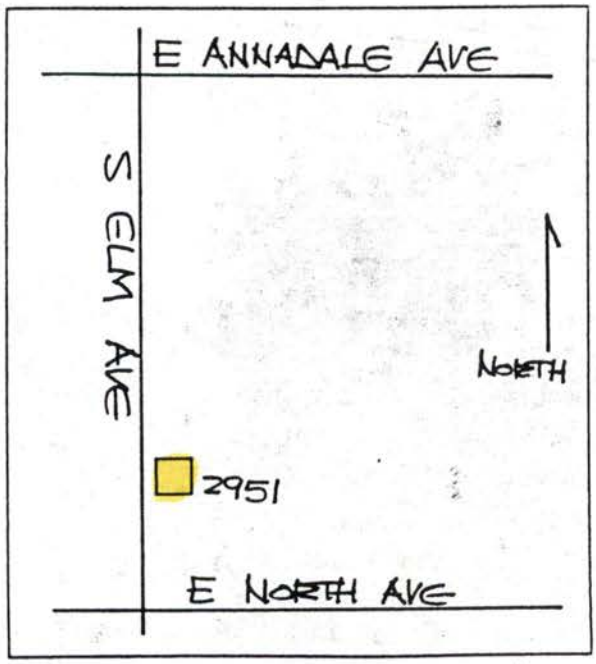
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



2951 South Elm Avenue

P-10-006765

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 109

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Valley Wrought Iron

2.Historic Name:

3.Street or rural address: 3033 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-020-52 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

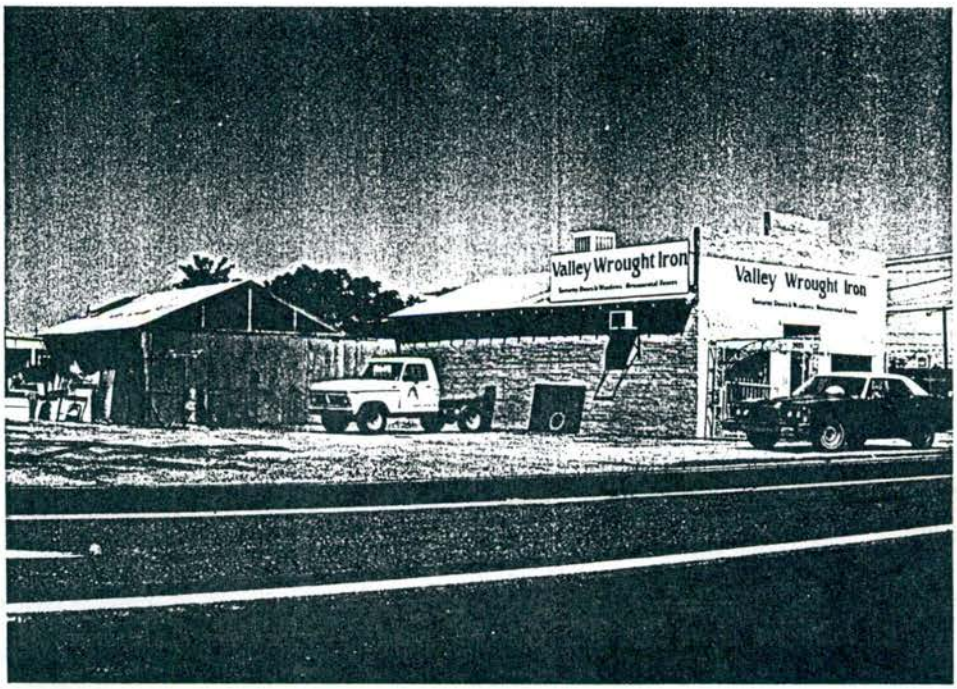
6. Present Use: Commercial Original Use: Commercial

DESCRIPTION

7a.Architectural Style: Mission Revival/Commercial

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A high one-story or two-story, rectangular commercial building with a corrugated metal, gable roof with exposed rafter ends concealed behind a false-front or facade with a raised, stepped parapet bearing the signage "Valley Wrought Iron," also painted on a separate sign mounted on the side of the gable roof. Exterior walls are painted masonry; a high entrance door flanked by glazed, fixed sash with metal grills puncture the facade.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Windows, doors and exterior cladding altered

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Metal, gable-roofed large shed on back of lot; asphalt parking area.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

Alterations to the exterior openings and the cladding obscure this commercial building's appearance. Moreover, the building lacks architectural distinction and does not seem to be eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

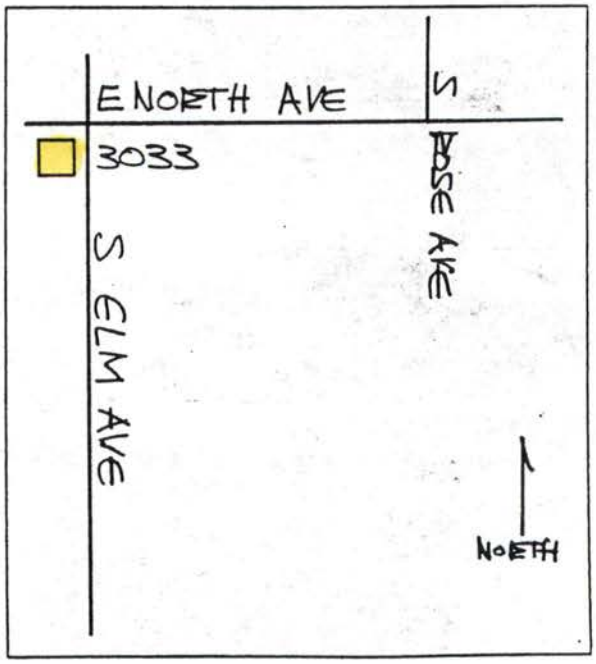
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3033 South Elm Avenue

P-10-006766

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 110

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1. Common Name: None

2. Historic Name:

3. Street or rural address: 3047 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: not available Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

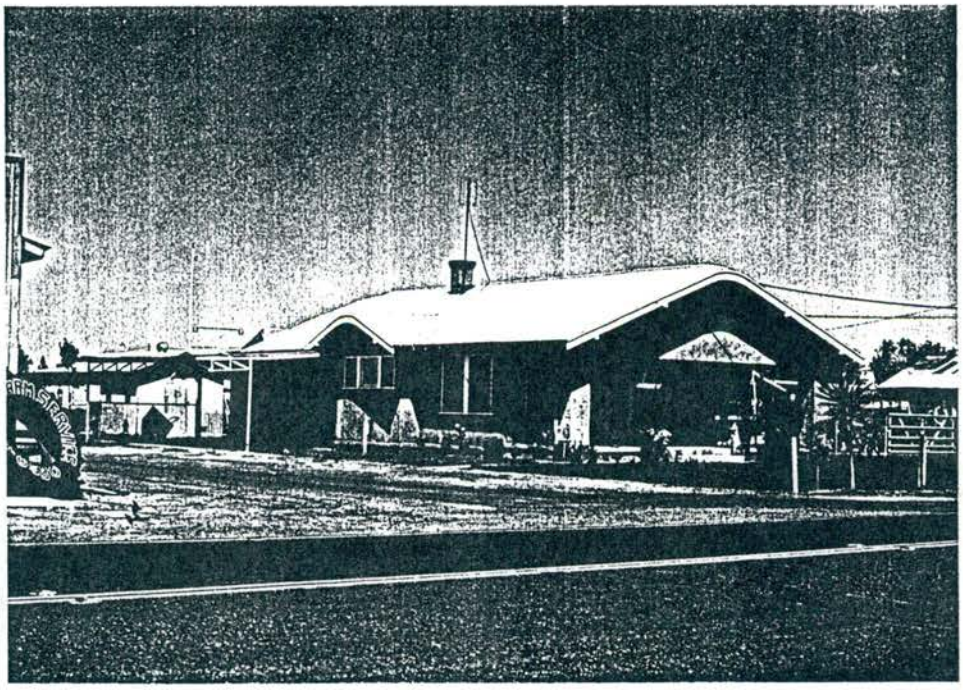
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a. Architectural Style: Bungalow/Craftsman

7b. Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gable, rectangular-plan bungalow with a projecting side bay and front porch recessed under the main roof. The main gable-roof has a brick chimney rising from the ridge near the back and curved eaves over the ridge of the gable ends. Gable ends have decorative beam ends projecting beyond cover boards; side eaves have exposed rafter ends. The front porch, raised by three steps, has solid masonry columns at the corners. The front door is wood paneled with two lights. The exterior is stuccoed. A contemporary metal carport extends from the side of the building; a metal-clad shed is on the back of the lot. There is some wire fencing and a front yard, but the lot is largely paved.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Minor alterations to residence

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Metal carport and shed on back of lot.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This Craftsman bungalow does not seem to be eligible for listing on the National Register of Historic Places because it is a common type in Fresno and throughout the state and country and thus lacks architectural distinction, is not the work of a master, and is not associated with important people or significant events in history.

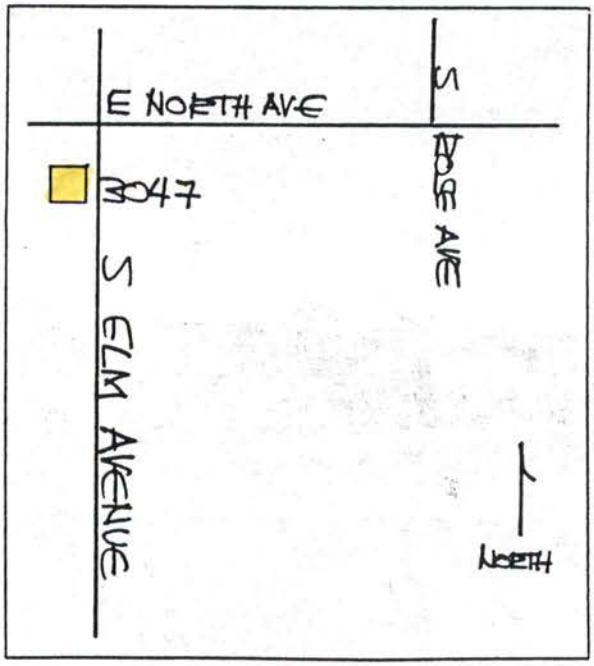
20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3047 South Elm Avenue

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

P-10-006767

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 112

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 3140 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-080-03 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A two-story, side-gable and cross-gable bungalow with a T-plan. The cross-gable section rises above the roof line of the story-and-a-half front section which has a low-pitched gable roof with decorative beam ends and cover boards on the eaves. The cross-gable section has a latticework attic vent below the ridge, decorative beam ends and cover boards. Exterior cladding is horizontal lapped boards. Typical windows have wood-frames and double-hung wood sash with two lights; some are paired. The entrance is concealed behind a high board fence.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: None visible, though much of the building cannot be seen

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Chain-link and high board fence around lot, many full-grown trees near house, miscellaneous sheds on property.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This bungalow does not seem to be eligible for listing on the National Register of Historic Places because it is a common type in Fresno and throughout the state and country and thus lacks architectural distinction.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

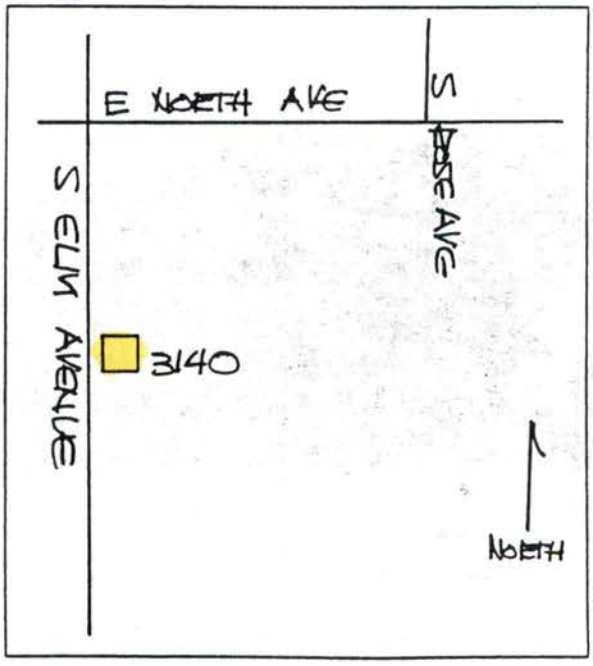
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3140 South Elm Avenue

P-10-006768

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 113

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Myers Ward Tractor Equipment

2.Historic Name:

3.Street or rural address: 3190 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-080-16 Present Owner:

Address: City: Zip Code:

5. Ownership Is: ( ) Public (X) Private

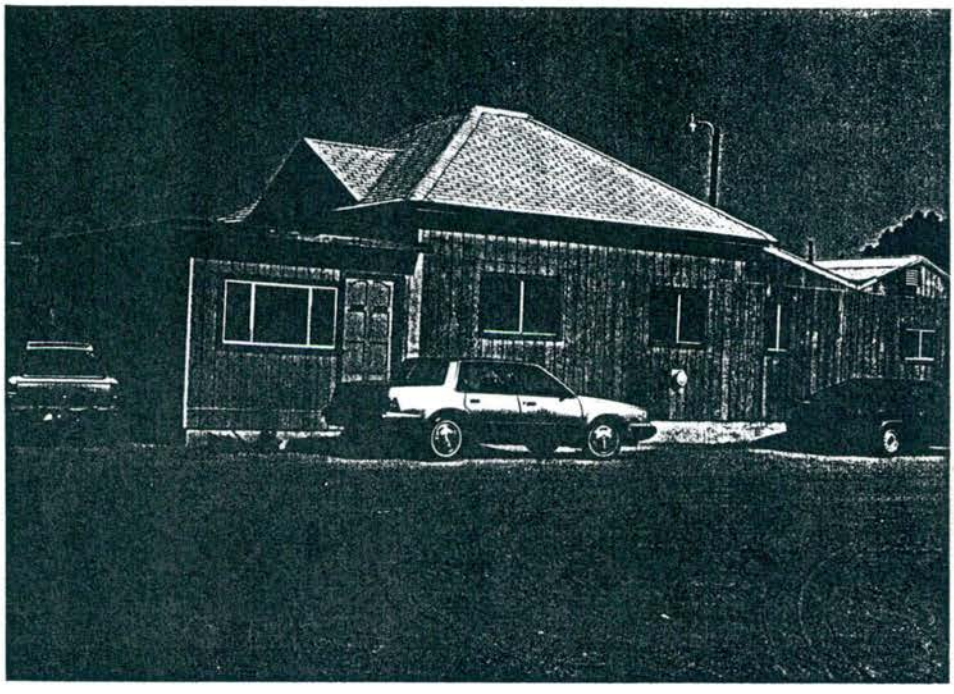
6. Present Use: Commercial Original Use: Residential

DESCRIPTION

7a.Architectural Style: Vernacular Cottage/Pyramidal Family, modified and veracular industrial

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A story-and-a-half, pyramidal roofed, rectangular-plan bungalow with a central gable-roof dormer over a front porch. The roof structure is virtually the only remnant of this common bungalow type. The exterior has been re-sided with contemporary vertical siding. The house has acquired many shed-like additions on all side. The property also has numerous metal-framed storage sheds, rows of tractors and other machinery and a high metal sign that reads "Myers Ward Tractor Equipment."



8. Construction date ca. 1925+ 1960s-1980s
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: Numerous additions to main building and property built up as a retail sales outlet.

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Storage sheds, tractors, miscellaneous machinery, chain-link fence around lot; sign on metal dereck.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This property does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been totally lost through additions to the structure as well as the property.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

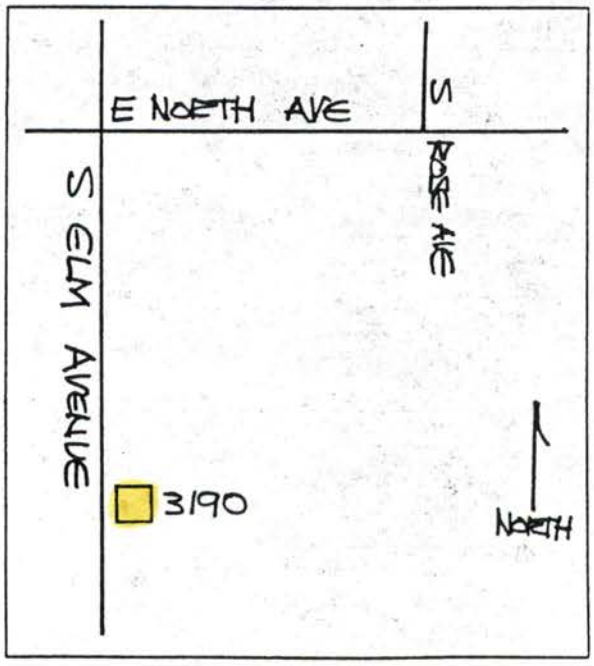
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3190 South Elm Avenue

P-10-006769

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 114

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 3207 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-020-14 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

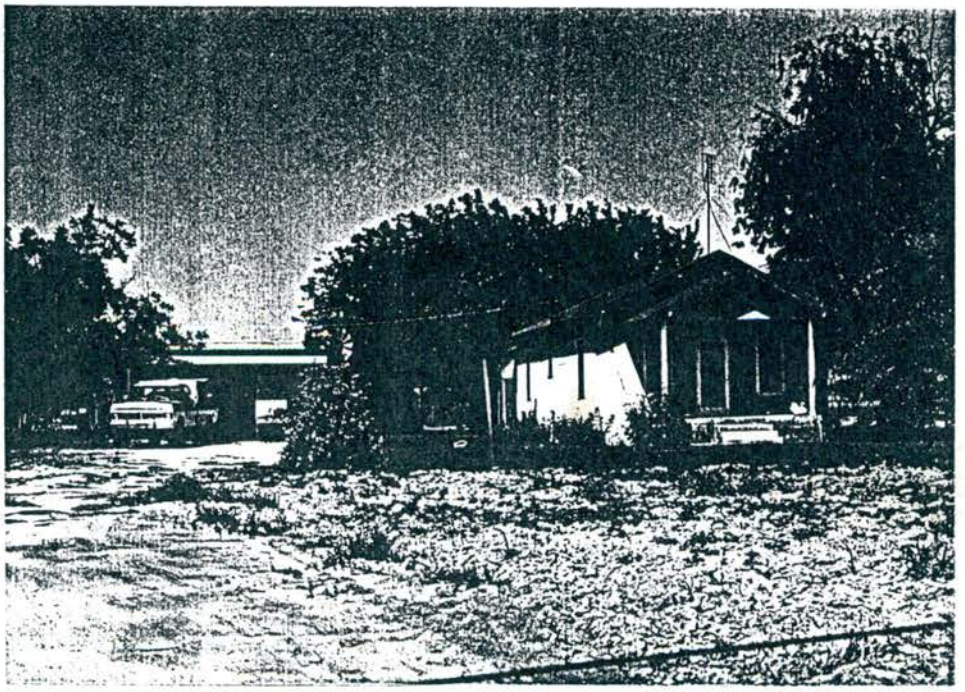
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular Cottage/"Shot-Gun" Family

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gable, narrow rectangular-plan cottage with a gable-roof front porch, raised four steps, with two square wood posts at the corners. Roof eaves have triangular knee braces on gable ends. The exterior has been stuccoed. The front door and windows are wood-framed, windows have double-hung sash and two lights. A small, vintage wooden garage and a recent open shed/garage are on the back of the lot.



8. Construction date ca. 1920
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Exterior stuccoed

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Two garages on back of lot, random planting of shrubs and trees on back of property, some foundation planting.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This cottage does not appear to be eligible for listing on the National Register of Historic Places because the alteration of the exterior with stucco has resulted in a significant lost of integrity.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

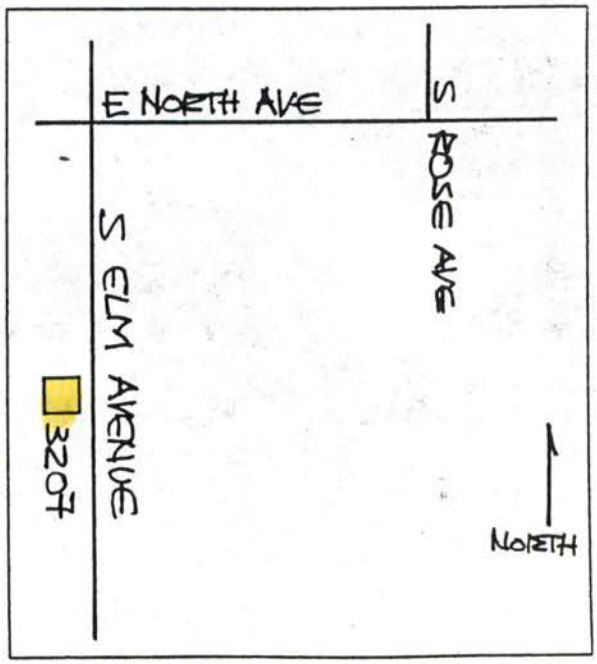
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3207 South Elm Avenue

P-10-006770

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 115

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Acme Auto Parts

2.Historic Name:

3.Street or rural address: 3272 South Elm Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-100-21 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

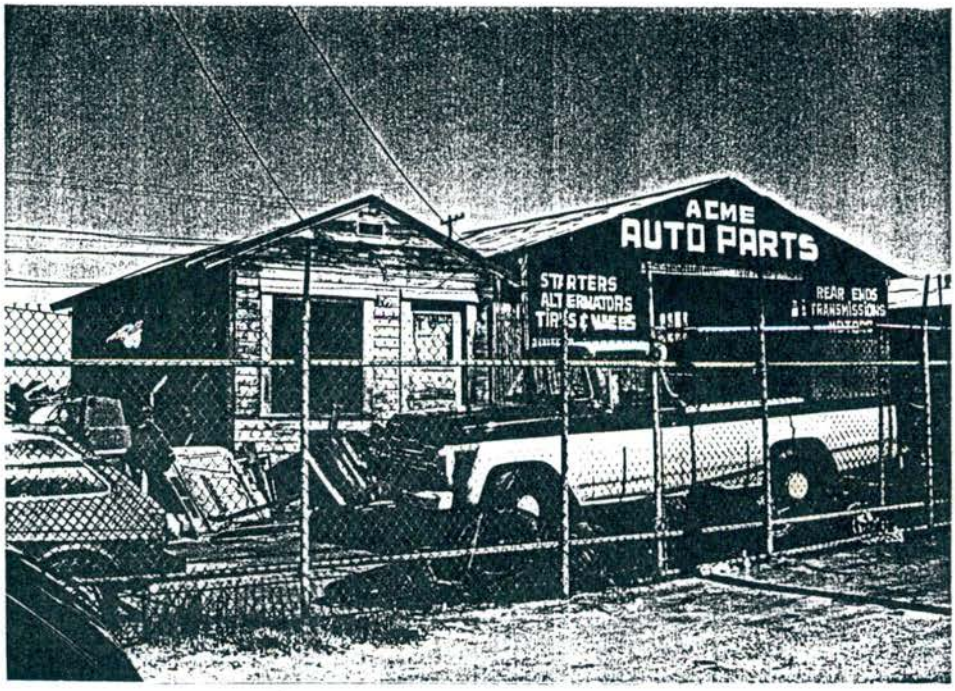
6. Present Use: Commercial Original Use: Commercial

DESCRIPTION

7a.Architectural Style: Utilitarian

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A compound of wooden and metal sheds, of various vintages. The oldest appears to be a small, one-story, front-gable rectangular-plan building with horizontal board siding. The front door is wood-framed, partly glazed and paneled; the front window is later, large and wood-framed with fixed sash.



8. Construction date ca. 1920+later
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: Window replaced. One building about fifty-years-old, but is so patched with signs and different sidings that it is difficult to assess.

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Chain-link fence around lot which is piled with junked cars and auto parts; buildings are randomly distributed on site, may have been moved around. A high metal tower has a hanging sign with Acme Auto Parts printed on it, which is also painted on the front of one of the sheds.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This compound of non-descript, utilitarian structures is not eligible for listing on the National Register of Historic Places because of a lack of architectural distinction and integrity and because the buildings are not the work of a master nor associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

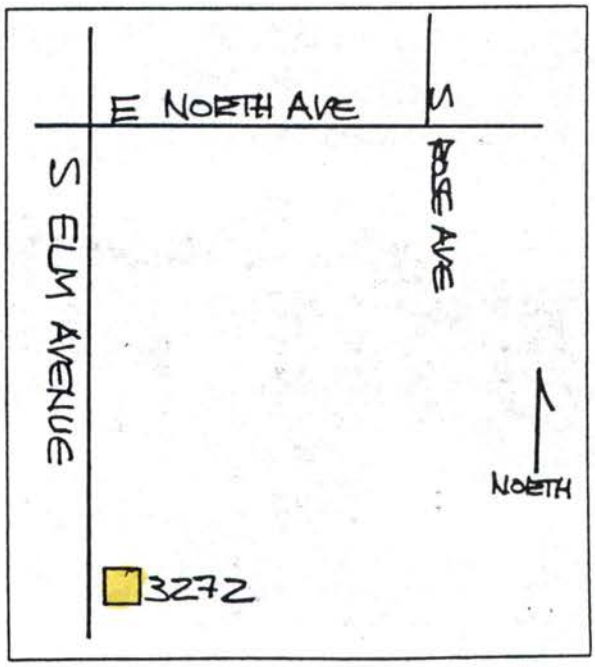
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



3272 South Elm Avenue

P-10-006775

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 120

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 54 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-31 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

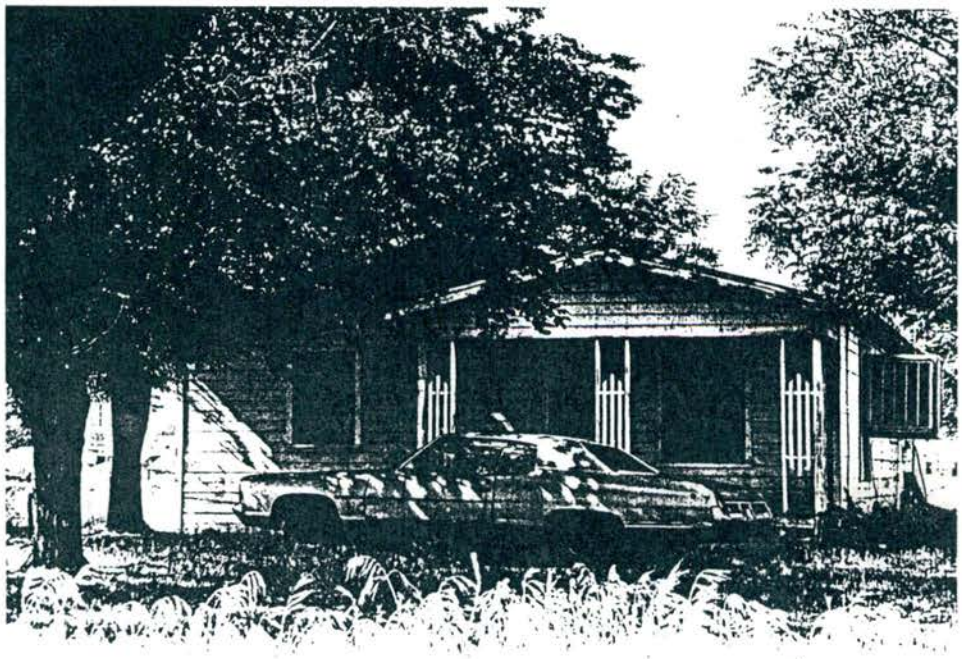
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow/Craftsman

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gabled building with an off-center gabled front porch raised two steps. Porch posts are made of square wood posts spaced apart and in-filled with three vertical slats with horizontal ties. Exterior cladding is lapped horizontal boards, but this siding may have replaced the original. The house belongs to a stylistic type found in other parts of the project area in more elaborate detail. This example has cover boards but no other decorative detail at the roof eaves. The wooden front door is plain; windows are wood-framed, double-hung wooden sash with two lights.



8. Construction date ca. 1920
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Siding may have been changed

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Mature trees; no foundation planting or defined yard.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This Craftsman bungalow does not seem to be eligible for listing on the National Register of Historic Places because it is a common type in Fresno and throughout the state and country and thus lacks architectural distinction, is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

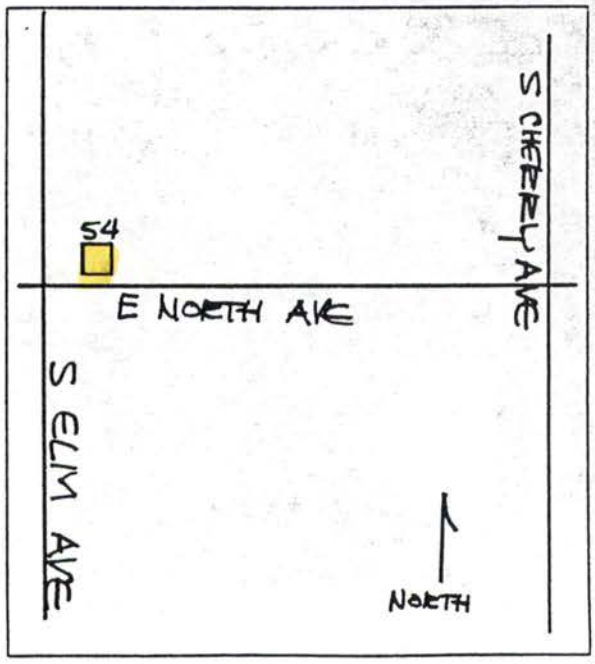
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



54 East North Avenue

P-10-006776

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 121

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 86 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-29 Present Owner:

Address: City: Zip Code:

5. Ownership Is: ( ) Public (X) Private

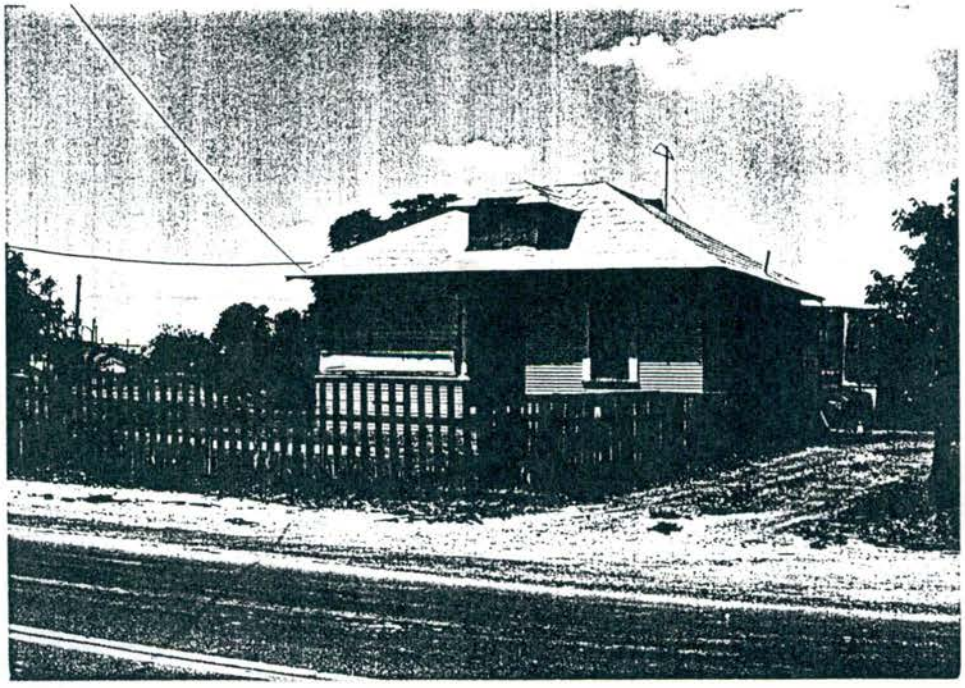
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular or Folk/Pyramidal

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, square-plan house with a pyramidal roof which has a hipped roof dormer on the front. Cladding is horizontal boards; the building has been stripped of architectural detail; rafters are exposed along the eaves. The wooden front door is recessed and reached by three steps. Wood-framed windows are double-hung with two lights. The roof has been re-done and stripped of detail; the recessed front porch on one side has been enclosed.



8. Construction date ca. 1910
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: Roof altered; front porch enclosed

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Mature trees scattered around site; no formal or maintained landscaping.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This vernacular cottage of the pyramidal type appears vacant and is in deteriorated condition. Since the building has lost integrity, it does not appear eligible for listing on the National Register of Historic Places.

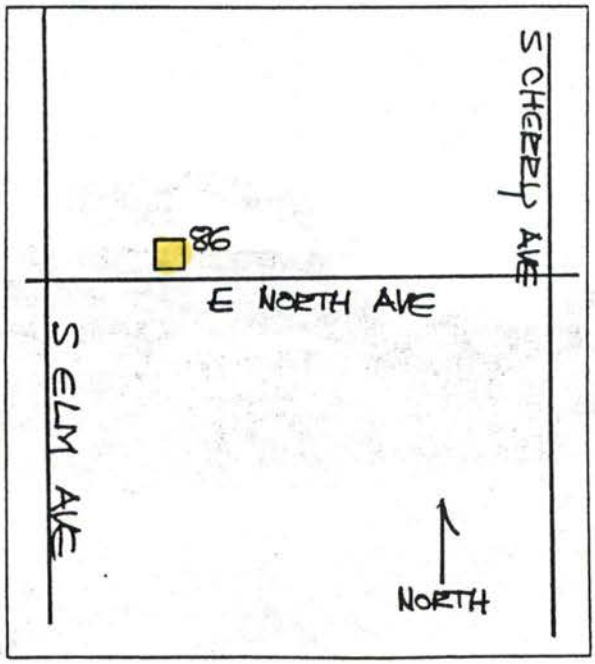
20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



86 East North Avenue

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

P-10-006777

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 122

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED ( ) DETERMINED ELIGIBLE
( ) APPEARS ELIGIBLE (X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: Rodriquez Grocery

2.Historic Name:

3.Street or rural address: 95 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-170-08 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

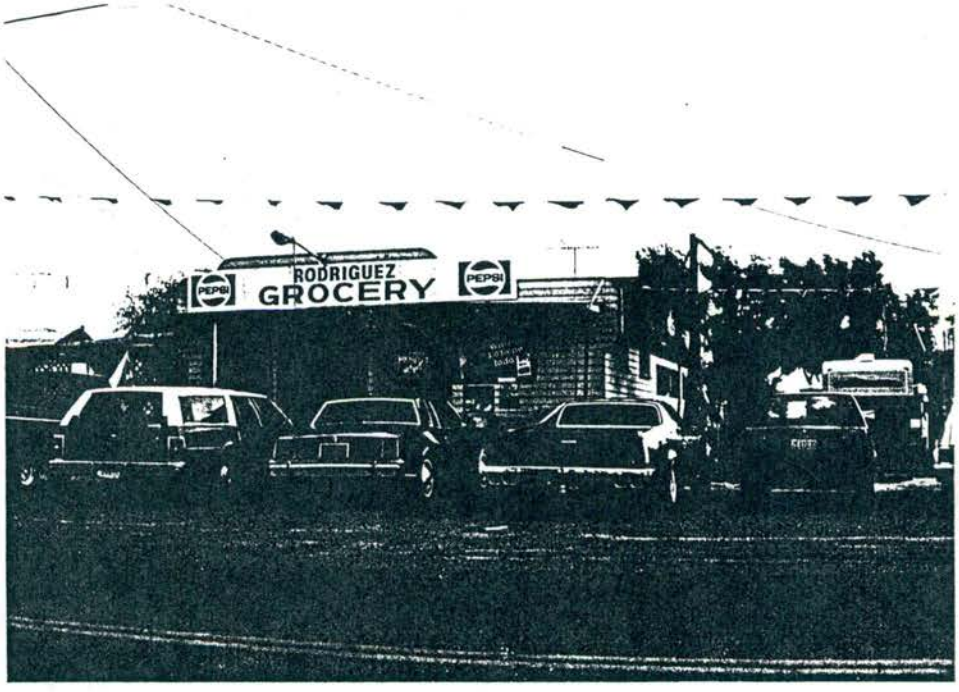
6. Present Use: Commercial Original Use: Residence

DESCRIPTION

7a.Architectural Style: Mission Revival/Commercial

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, rectangular plan structure with a curved, raised parapet and flat roof. A canopy attached to the front wall by metal rods extends the width of the facade which has "ears" that project beyond the side walls at either end of the building. Exterior cladding is horizontal boards. The wide, wood-framed entrance has double glazed and paneled doors; windows are variously fixed sash and double-hung with two lights. A "Pepsi" sign mounted on the canopy bears the name "Rodriguez Grocery." A recently built latticed lean-to attached to one side of the buildings is an outside eating area with tables and benches. This structure serves as a frontispiece or major addition to an older residence, which has a side-gabled section perpendicular to the commercial front and a gable-roofed rear wing. The gable roof of the house has boxed eaves, brief cornice returns, a louvered attic vent, and horizontal board siding. The property was apparently a farmstead converted to commercial use in the 1920s.



8. Construction date ca. 1915-1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Major addition attached to an older building in a different style.

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Scattered mature trees on site; no formal or maintained landscaping.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

The major part of this composite building is an example in wood construction of the commercial Mission Revival style and is reasonably common in commercial districts throughout the state. The older residence has lost integrity through the addition of the commercial part. Because both the market and the residence have lost integrity and, moreover, are not unusual types, not the work of a master, and not associated with important people or significant events, the building does not appear eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

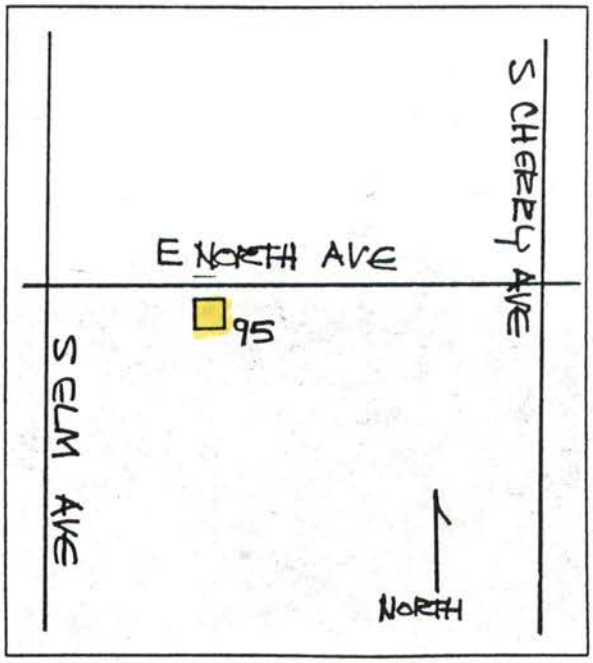
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



95 East North Avenue

P-10-006778

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 123

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 115 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-170-09 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

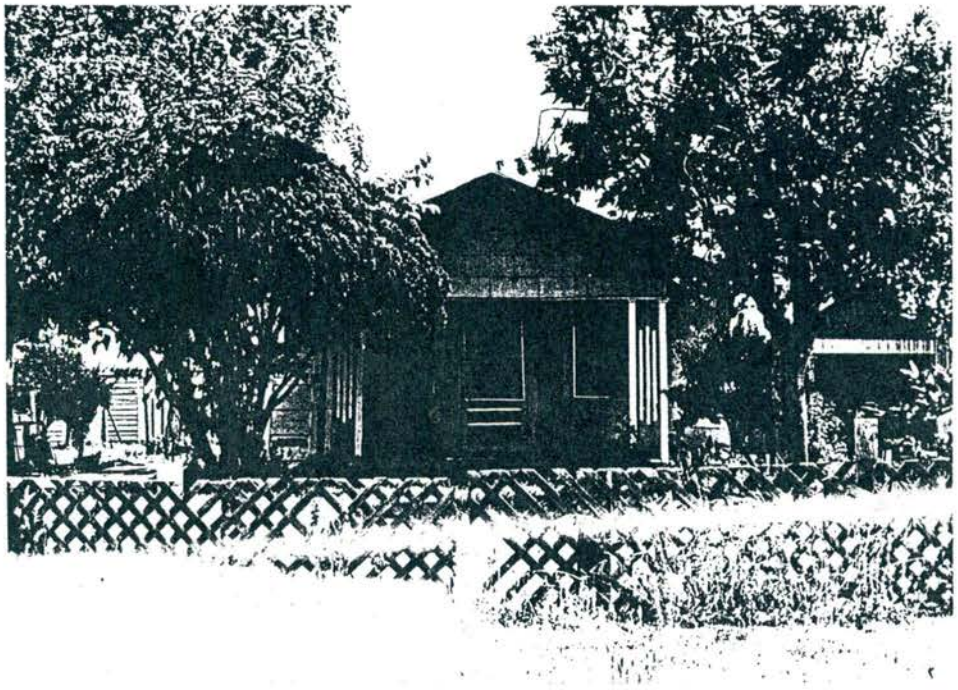
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow/Craftsman

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gabled, rectangular-plan bungalow with a central, gable-roofed front porch raised one step. The porch roof has a diamond-shaped, louvered vent under the ridge; the corner porch columns are made of three square wood posts in-filled with three slats tied at top and bottom to form split-columns. The front door and windows are wood-framed; the door is glazed and paneled, windows are double-hung with two lights. The exterior has been re-sided with asbestos shingles.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Original cladding replaced

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: A latticed fence across the front yard, mature trees and shrubs near the house; miscellaneous small wood sheds and a relatively recent garage on the back of the lot.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This bungalow does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

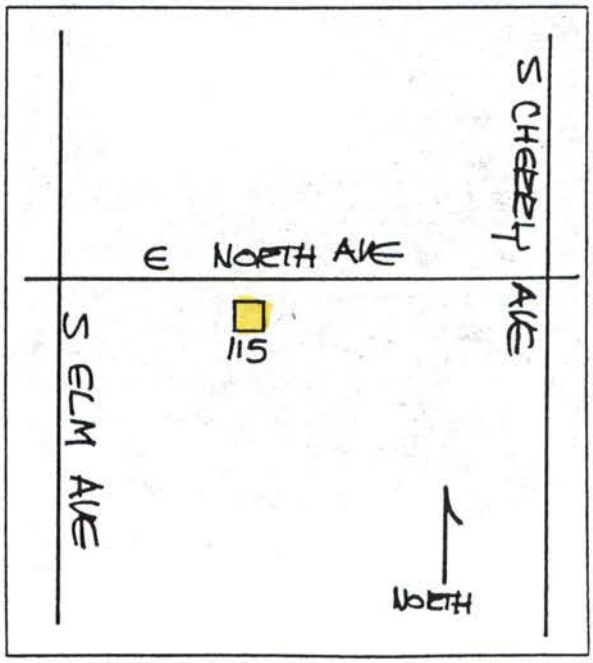
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



115 East North Avenue

P-10-006779

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 124

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 125 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-170-10 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

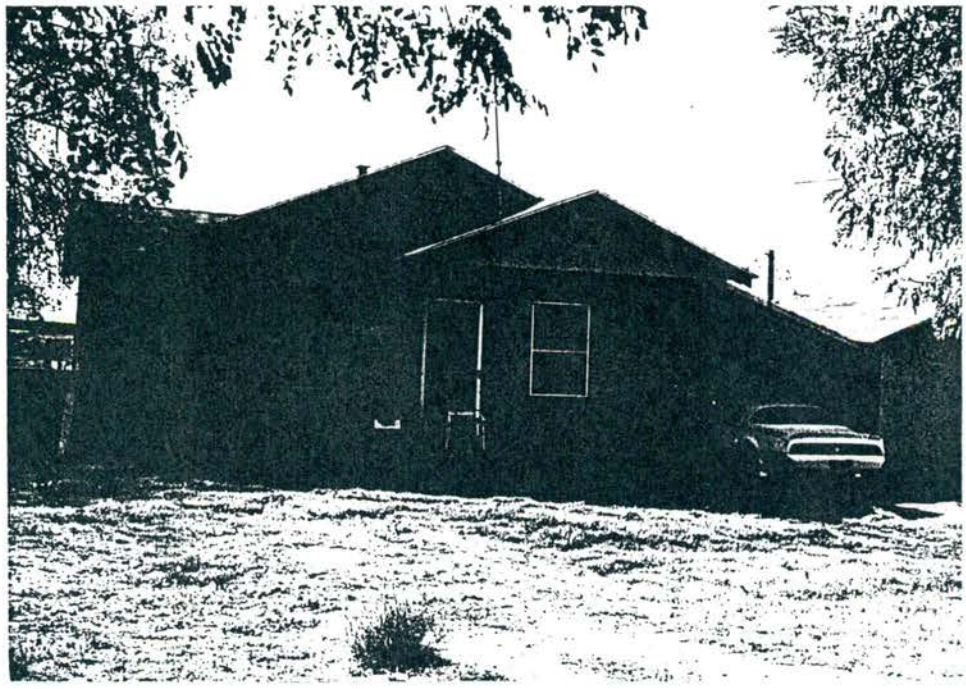
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Cottage/A-stylar

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

This one-story, front-gabled, rectangular-plan house has a projecting, front-gabled porch raised on a concrete platform. Small metal vents occur below the ridge of the house and porch. The front door is wood; windows are double-hung aluminum sash. Exterior is stuccoed and has no decorative detail. Although the building form retains the shape of a bungalow type common in Fresno neighborhoods, the building exterior has been re-done recently with stucco cladding and the porch has been remodeled. The house is attached by means of metal and wood sheeting to a contemporary front-gabled, rectangular garage with metal roll-up door. A small metal shed is on the back of the lot.



8. Construction date ca. 1925+1970
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: Exterior rebuilt

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Garage, metal storage shed; scattered trees, small front yard; asphalt driveway.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

The exterior of this small house has been completely rebuilt and retains only the profile of the Craftsman bungalow it originally was. This house belonged to a bungalow type common in older neighborhoods of Fresno and elsewhere. Judging from building permit records, the extensive remodeling of the structure appears to have been part of a city code enforcement program in the 1970s and 1980s. Because of the total loss of integrity, the property is not eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

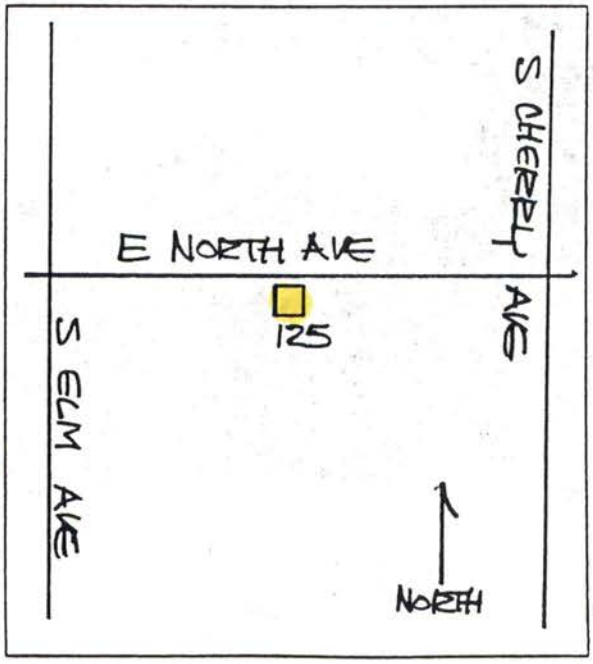
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



125 East North Avenue

P-10-006780

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 125

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 130 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-26 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

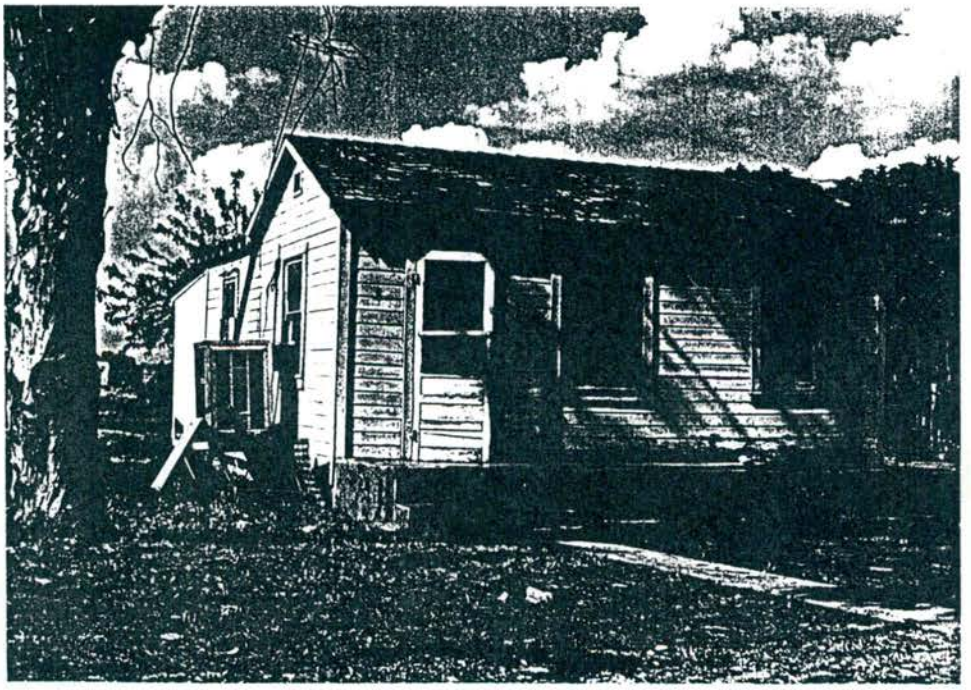
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Folk/Hall and Parlor

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, side-gabled house with an attic vent and exposed rafters along the eaves. A two-step concrete stoop extends the width of the house. The front door has a brief gabled canopy and is wood-framed; windows are wood-framed and double-hung with two lights. The house has a flat-roofed rear addition one room deep with a shed-roofed addition attached to it. Siding is horizontal, lapped boards.



8. Construction date ca. 1920
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: Two rear additions

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Scattered trees; no formal or maintained landscaping.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This small, vernacular cottage does not seem to be eligible for listing on the National Register of Historic Places because it is a common rural-suburban building type in Fresno and throughout the state and country and thus lacks architectural distinction, is not the work of a master, and is not associated with important people or significant events in history.

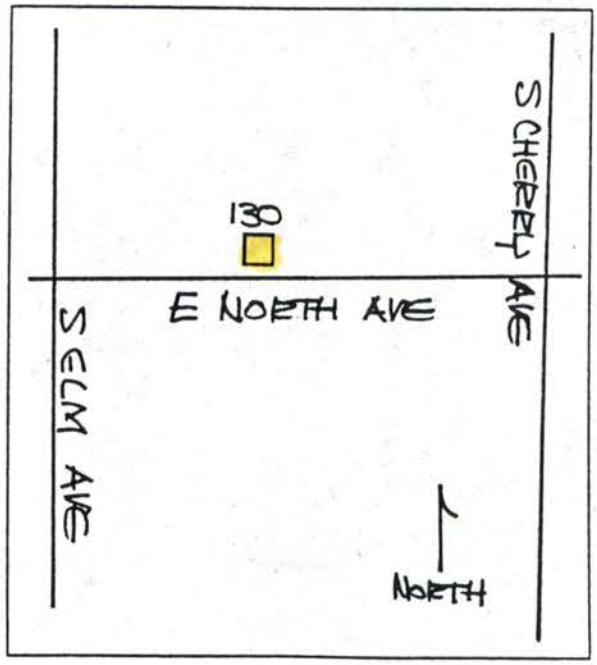
20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



130 East North Avenue

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

P-10-006781

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 126

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 140 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-25 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

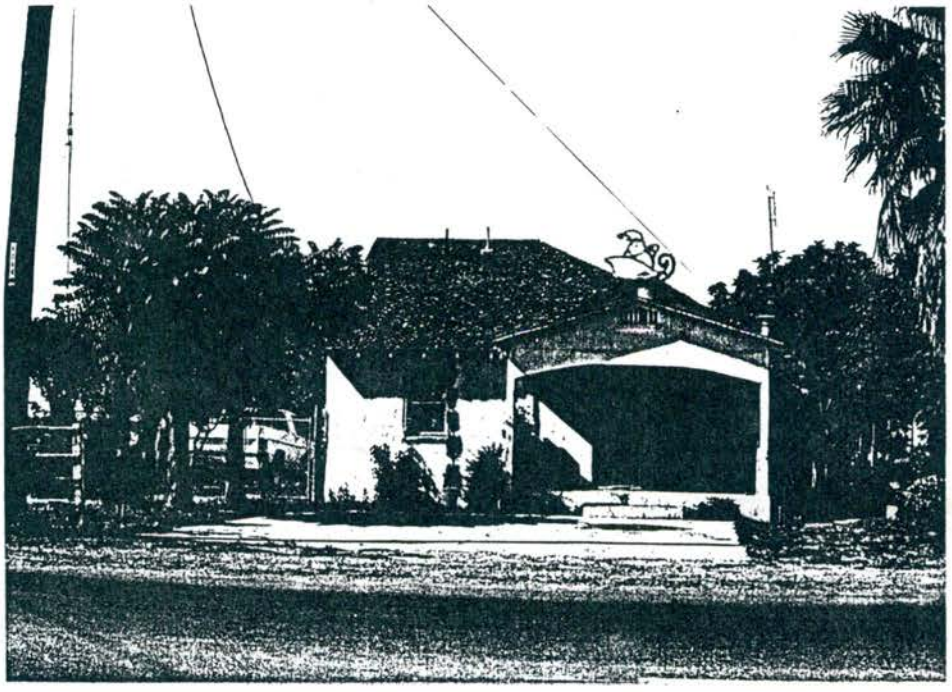
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Craftsman/much altered

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, rectangular-plan cottage with a high-peaked hip and side-gable roof and a front-gabled section to which is attached a gable-roof front porch raised two steps. Rafter ends are exposed along the eaves; attic vents are under the ridge. The wooden front door is glazed and paneled; windows are wood-framed and double-hung with two lights. The exterior has been stuccoed and the roof appears to have been raised and re-shaped in a fairly recent remodeling. The house recalls a common bungalow type, but has been so altered that it is not really identifiable.



8. Construction date ca. 1925+1970s
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Exterior remodels; roof altered

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Paved front yard with some foundation planting; scattered trees; wooden fence on one side; non-descript shed on back of lot.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This cottage does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

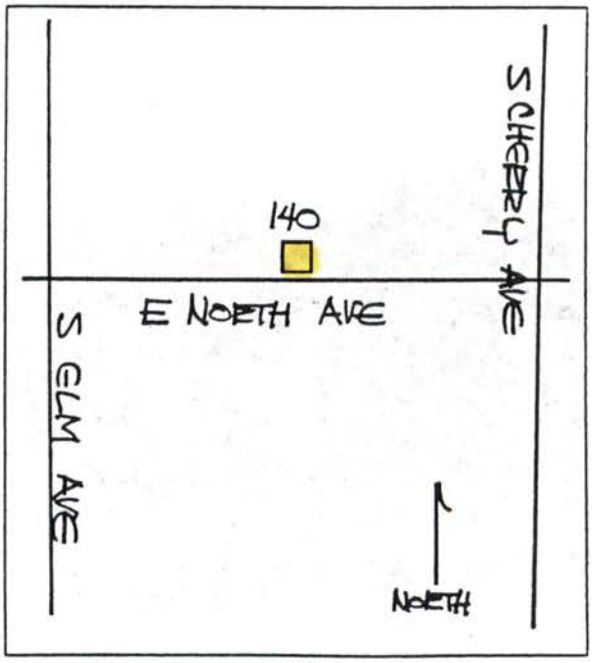
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



140 East North Avenue

P-10-006782

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 127

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 157 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-170-11 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

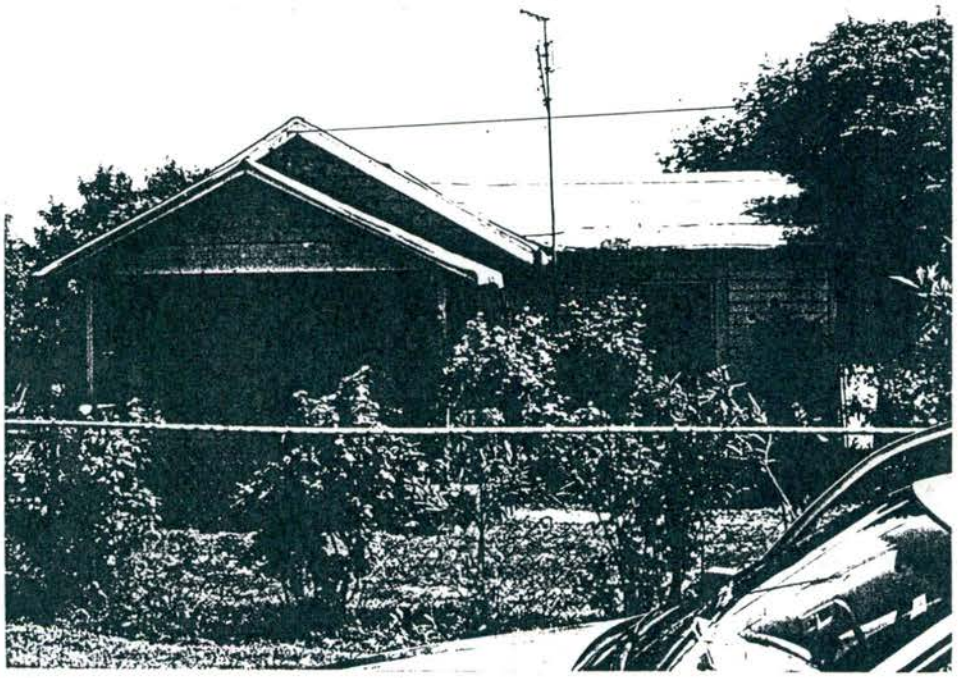
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow/Craftsman, modified

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

This one-story, front-gabled bungalow has a rectangular plan with a projecting, gable-roof front porch and projecting rear room on one side. A brick chimney with metal flue rises from the roof on one side. Exterior cladding is horizontal, lapped boards. The porch roof is supported by square wood posts; the floor is raised two steps. The front door is wood; windows are wood-framed and double-hung with two lights. Although the house retains its basic form which is identifiable as a common bungalow type, it has been re-sided, re-roofed and stripped of detail.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Exterior materials altered; detail removed

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Chain-link fence; trees and shrubs randomly planted on lot; foundation planting; miscellaneous sheds on rear of lot.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This bungalow does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

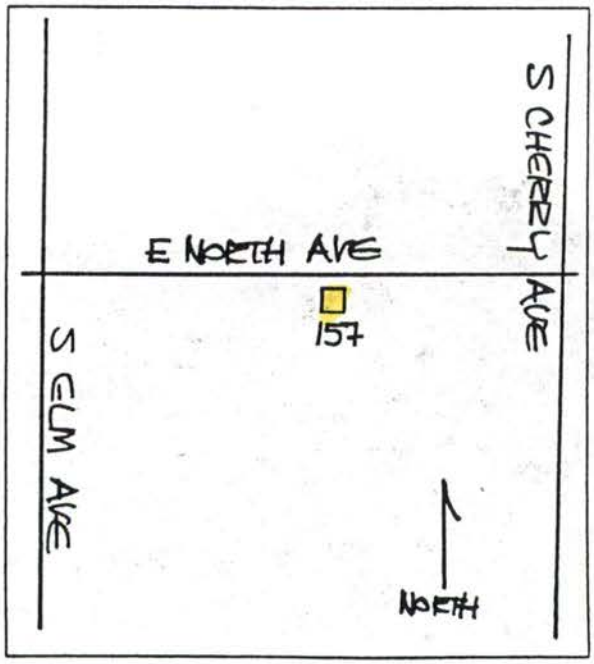
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



157 East North Avenue

P-10-006783

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 128

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 172 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 328-210-46 Present Owner:

Address: City: Zip Code:

5. Ownership Is: ( ) Public (X) Private

6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular/Hall-and-Parlor

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, side-gabled, two-room cottage with exposed rafters along the eaves of a sagging, metal roof. Exterior cladding is horizontal boards; wood-framed door and double-hung windows, some boarded. The main alteration is a one-room, shed-roofed addition with a window attached to one end of the house. The house is part of a ramshackle complex that includes miscellaneous wood and metal sheds and shacks and a gable-roofed, wood barn in dilapidated condition. A metal trailer is parked near the house.



8. Construction date ca. 1920
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: One-room, shed-roofed addition

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Mature trees and century plants scattered near house; board and wire fence; unkempt fields.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This vernacular farmstead with dwelling, storage sheds, barn and other miscellaneous small structures set in the middle of a field does not seem to be eligible for listing on the National Register of Historic Places because it is in a state of deterioration, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

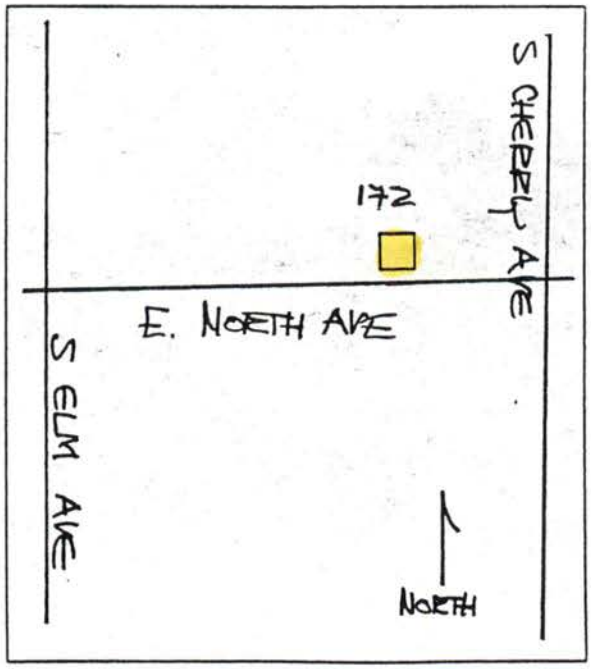
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



172 East North Avenue

P-10-006784

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 129

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 241 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-180-21 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

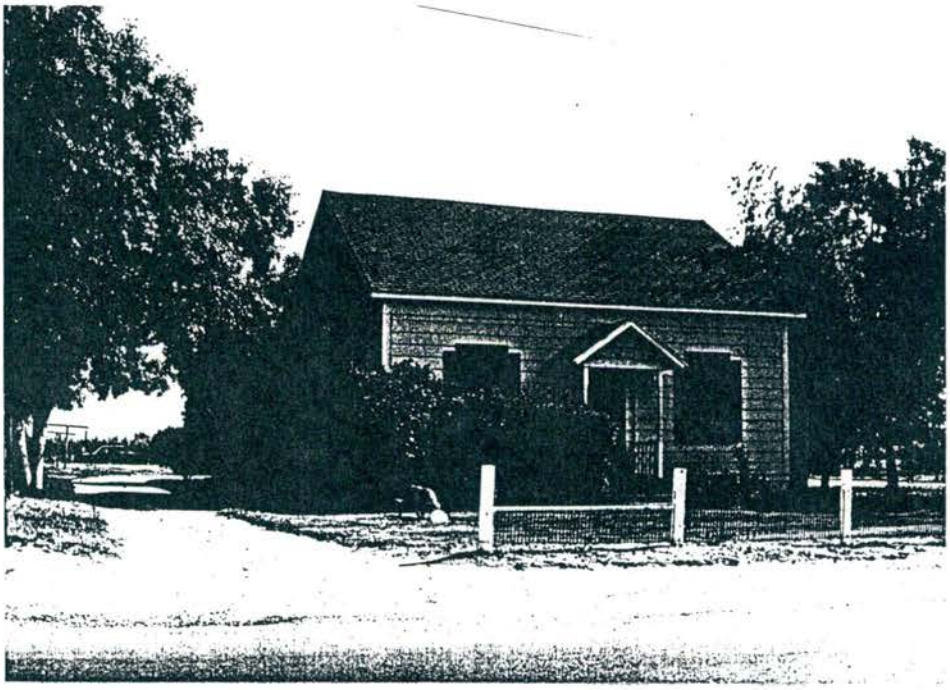
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Cottage/Classic Revival Style, simplified

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, side-gabled cottage with boxed eaves with returns, a rectangular-plan, two shed-roofed sections -- one side and one rear -- and a gabled-roof portico approached by three steps. The portico has two square wood posts and shelters the front door which is centered in the facade and flanked by wood-framed, double-hung windows with two-over-two lights and paneled shutters. Exterior cladding is horizontal, beveled boards with corner boards. A wood-framed, two-car garage with a dwelling unit on one end occupies the rear of the lot along with miscellaneous wood sheds.



8. Construction date ca. 1900
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good (X) Fair ( ) Deteriorated ( )

14.Alterations: Siding and porch

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Two-car, wooden garage with dwelling unit; miscellaneous storage sheds. Mature shrubs and other foundation planting, front lawn with wire fence and wood posts; unpaved driveway lined with mature trees on one side.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This simplified Classic Revival cottage does not appear in the Fresno city building records or the City and County Directories and is difficult to date because it has been re-sided and the porch roof has been re-done. The form is common in both nineteenth- and twentieth-century houses, although the porch detailing appears nineteenth century. No structure is shown at this approximate location on the 1891 Thompson Historical Atlas Map, which depicts structures associated with the Central California Colony. The 1923 USGS Map shows a structure at this approximate location. In any case, this is a reasonably common dwelling type and since it is neither the work of a master nor can be associated with important people or significant events in history, it does not seem to be eligible for listing on the National Register of Historic Places.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

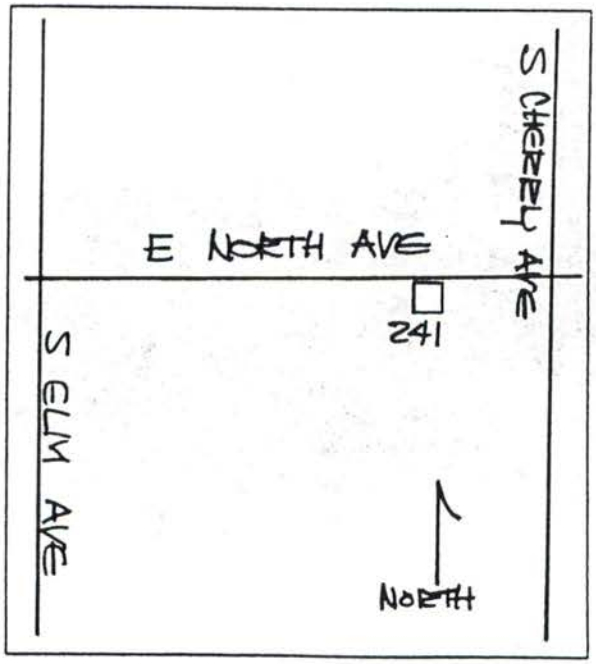
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

- Fresno City Building Records
- Fresno City & County Directories, 1913 to 1945
- USGS Fresno 15' Quad., 1923
- Thompson, Official Historical Atlas Map of Fresno County, 1891

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City:
Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

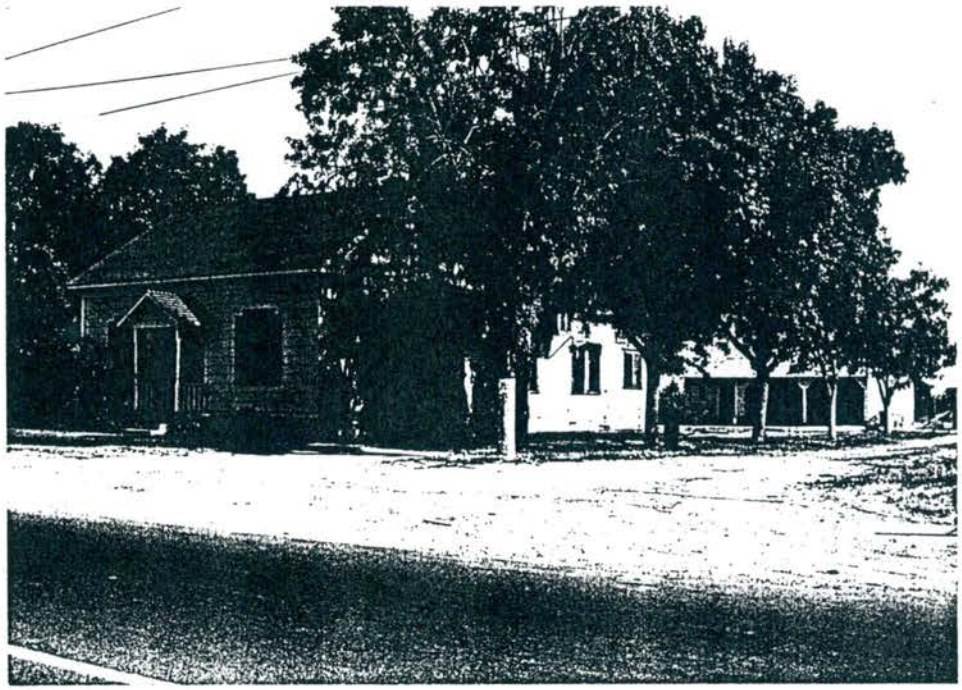
Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



241 East North Avenue

P-10-006784

Supplemental Photograph for 241 East North Avenue



P-10-006785

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 130

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 263 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-180-20 Present Owner:

Address: City: Zip Code:

5. Ownership Is: ( ) Public (X) Private

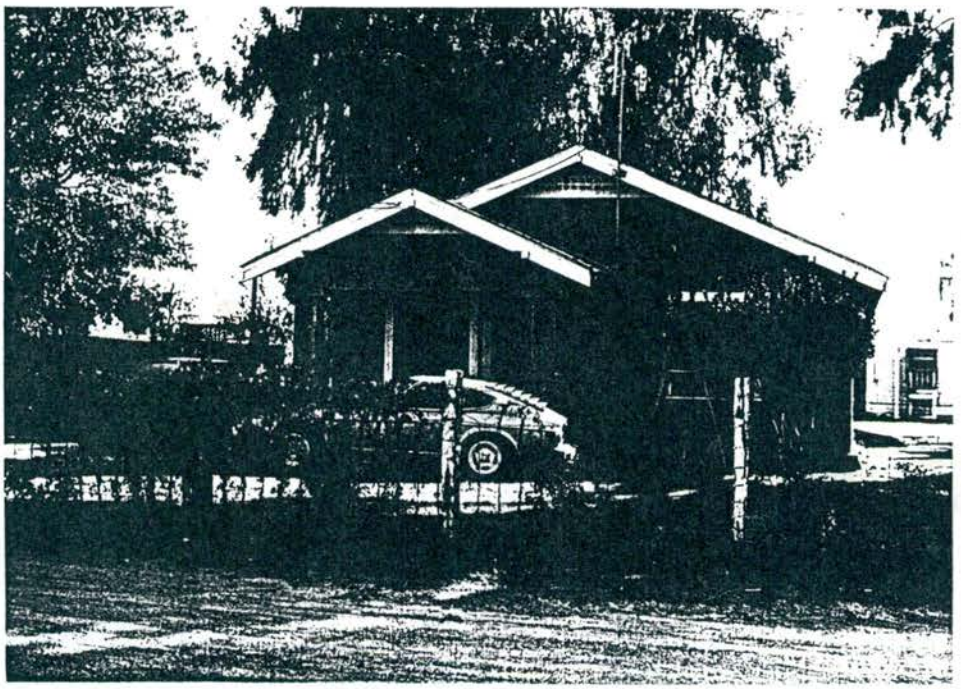
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Bungalow/Craftsman

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gabled, rectangular-plan bungalow with an off-center, gable-roofed front porch. A brick chimney rises from one side of the roof which has cover boards and decorative beam ends on the front eaves, latticed attic vents below the ridge, and exposed rafters along the side eaves. The porch is raised three steps; the corner columns have square masonry bases capped with square moldings and square columns above. The wood front door is glazed and paneled; wood-framed windows are typically double-hung with two lights. Exterior is stuccoed. A one-story, side-gabled, hall-and-parlor house with shed-roofed front porch across the front, wood door and windows is behind the main house, along with miscellaneous wood storage sheds.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Original wood siding now stuccoed

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Dwelling and miscellaneous sheds on back of lot; wood and wire fencing, unpaved driveway to rear buildings, scattered trees and some foundation planting.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This Craftsman bungalow does not seem to be eligible for listing on the National Register of Historic Places because its integrity has been lost through some alterations, it is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

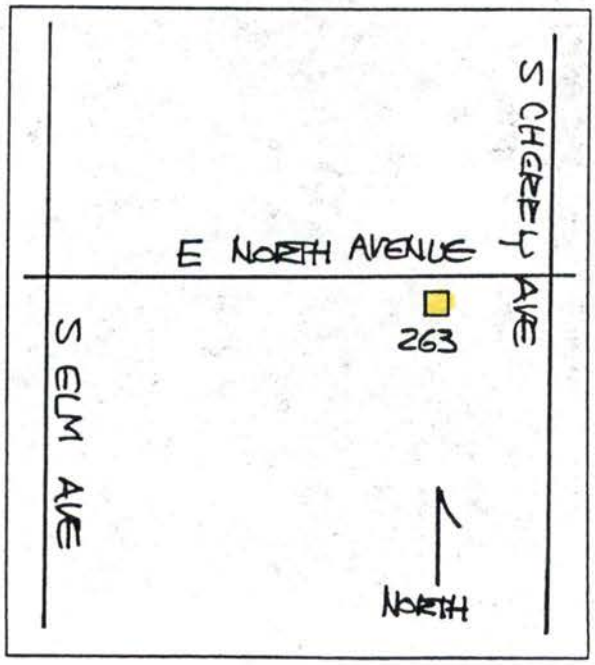
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

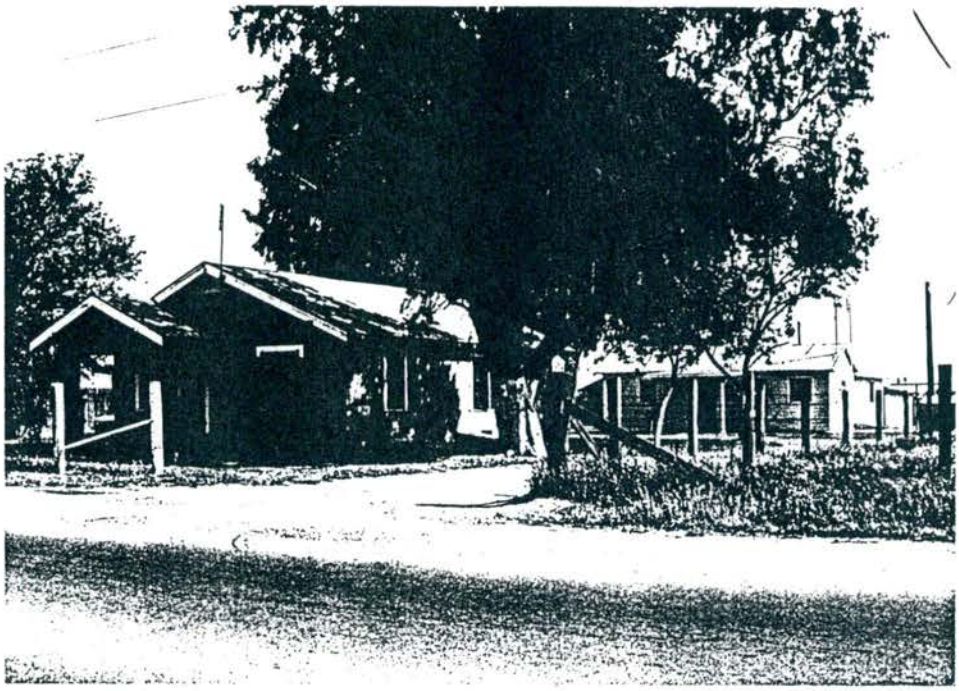
Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



263 East North Avenue

P-10-006785

Supplemental Photograph for 263 East North Avenue



P-10-006786

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 131

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 267 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-180-17 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

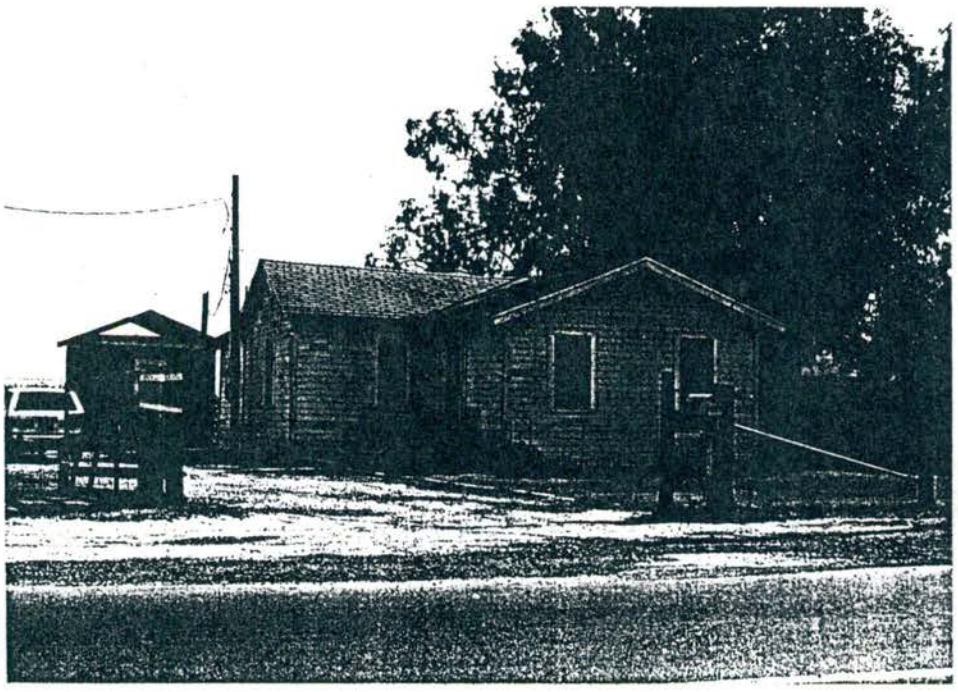
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular Gable-front-and-wing Cottage

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, gable-front-and-wing cottage with a cross-gable roof with cover boards and a shed-roofed rear section. Entrance in side wall of the front wing; concrete slab set in ell. Windows are wood-framed and double-hung with two lights. Exterior cladding is horizontal, lapped boards. A flimsy box-like garage is at the end of an unpaved driveway.



8. Construction date ca. 1939
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair (X) Deteriorated ( )

14.Alterations: Slab in ell is not original

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: Garage in rear; mature tree near house, wire fence with wood posts in front, patchy grass.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (Include dates, events, and persons associated with the site):

This modest cottage does not appear to be eligible for listing on the National Register of Historic Places because it is not representative of a type, lacks architectural distinction, is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

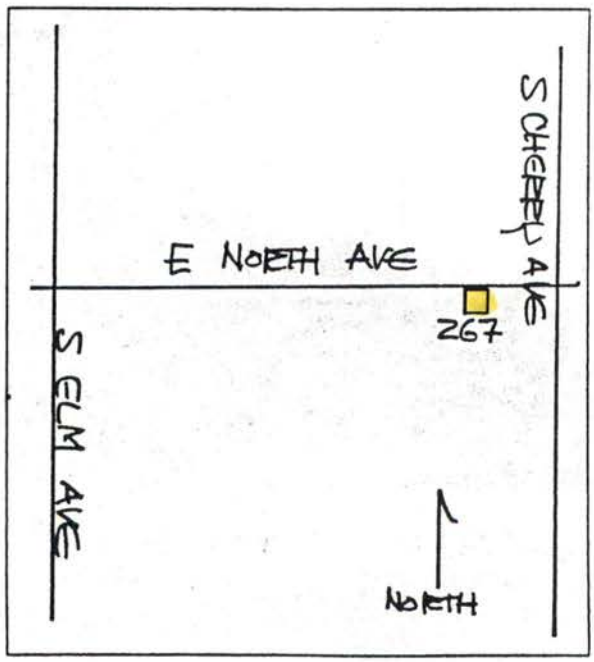
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

. Fresno City Building Records .

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
Organization: David Chavez & Associates
Address: P. O. Box 52
City: Mill Valley, California 94941
Zip Code:
Phone: (415) 388-9037

Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



267 East North Avenue

P-10-006787

CALIFORNIA DEPARTMENT OF TRANSPORTATION
ARCHITECTURAL INVENTORY/EVALUATION FORM

MAP REFERENCE NO. 132

County - Route - Postmile:
06-Fre-41, P.M. 20.1/22.1

( ) LISTED
( ) APPEARS ELIGIBLE
( ) DETERMINED ELIGIBLE
(X) APPEARS INELIGIBLE

IDENTIFICATION

1.Common Name: None

2.Historic Name:

3.Street or rural address: 283 East North Avenue

City: Fresno Zip Code: 93706 County: Fresno

4. Parcel Number: 329-180-02 Present Owner:

Address: City: Zip Code:

5. Ownership is: ( ) Public (X) Private

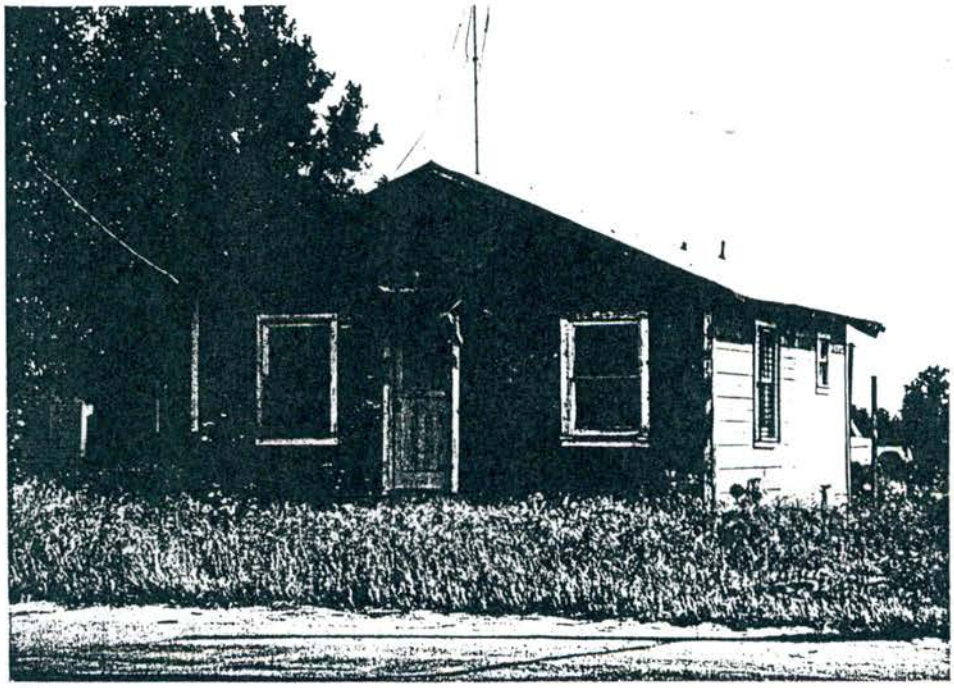
6. Present Use: Residence Original Use: Residence

DESCRIPTION

7a.Architectural Style: Vernacular Cottage

7b.Briefly describe the present PHYSICAL CONDITION of the site or structure and describe any major alterations from its original condition:

A one-story, front-gabled, square-plan cottage with minimal detail: narrow cover boards and exposed roof rafters. A pent-roof portico on knee braces shelters the wood-paneled and glazed front door. Windows are wood-framed and double-hung with two lights. Exterior siding is horizontal lapped boards with corner cover boards. A small, box-like, wood storage shed is on the back of the lot.



8. Construction date ca. 1925
Estimated: (X) Factual: ( )

9. Architect:

10. Builder:

11. Approx. property size (in feet)
Frontage: Depth:

12. Date(s) of enclosed photograph(s):

April 26, 1989

13.Condition: Excellent ( ) Good ( ) Fair ( ) Deteriorated (X)

14.Alterations: None visible

15.Surroundings: (Check more than one if necessary) Open land ( ) Scattered buildings (X) Densely built-up ( )

Residential ( ) Industrial ( ) Commercial ( ) Other:

16.Threats to site: None known ( ) Private Development ( ) Zoning ( ) Vandalism ( ) Public Works Project (X)

Other:

17.Is the structure: On its original site? (X) Moved? ( ) Unknown? ( )

18.Related features: One mature tree near house and no landscaping.

SIGNIFICANCE

19.Briefly state historical and/or architectural importance (include dates, events, and persons associated with the site):

This simple vernacular, wooden cottage does not seem to be eligible for listing on the National Register of Historic Places because it is a common type in Fresno and throughout the state and country and thus lacks architectural distinction, is not the work of a master, and is not associated with important people or significant events in history.

20.Main theme of the historic resource: (If more than one is checked, number in order of importance.)

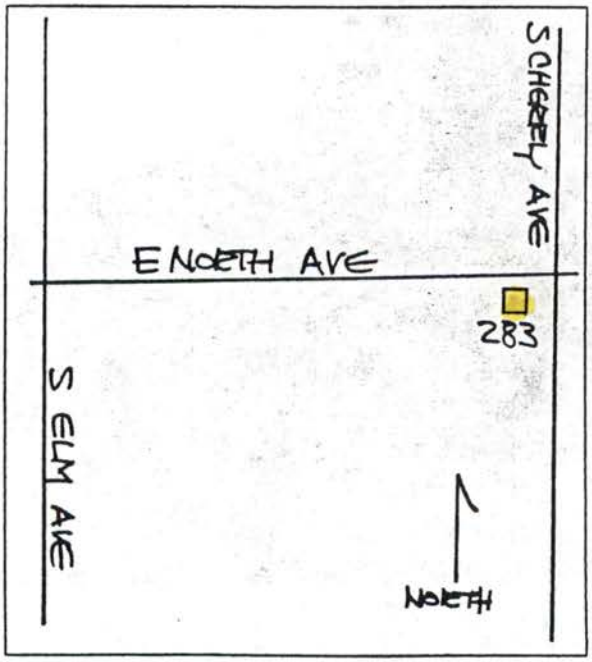
Architecture (X) Arts & Leisure ( )
Economic/Industrial ( ) Exploration/Settlement ( )
Government ( ) Military ( ) Religion ( )
Social/Education ( )

21.Sources (List books, documents, surveys, personal interviews and their dates.)

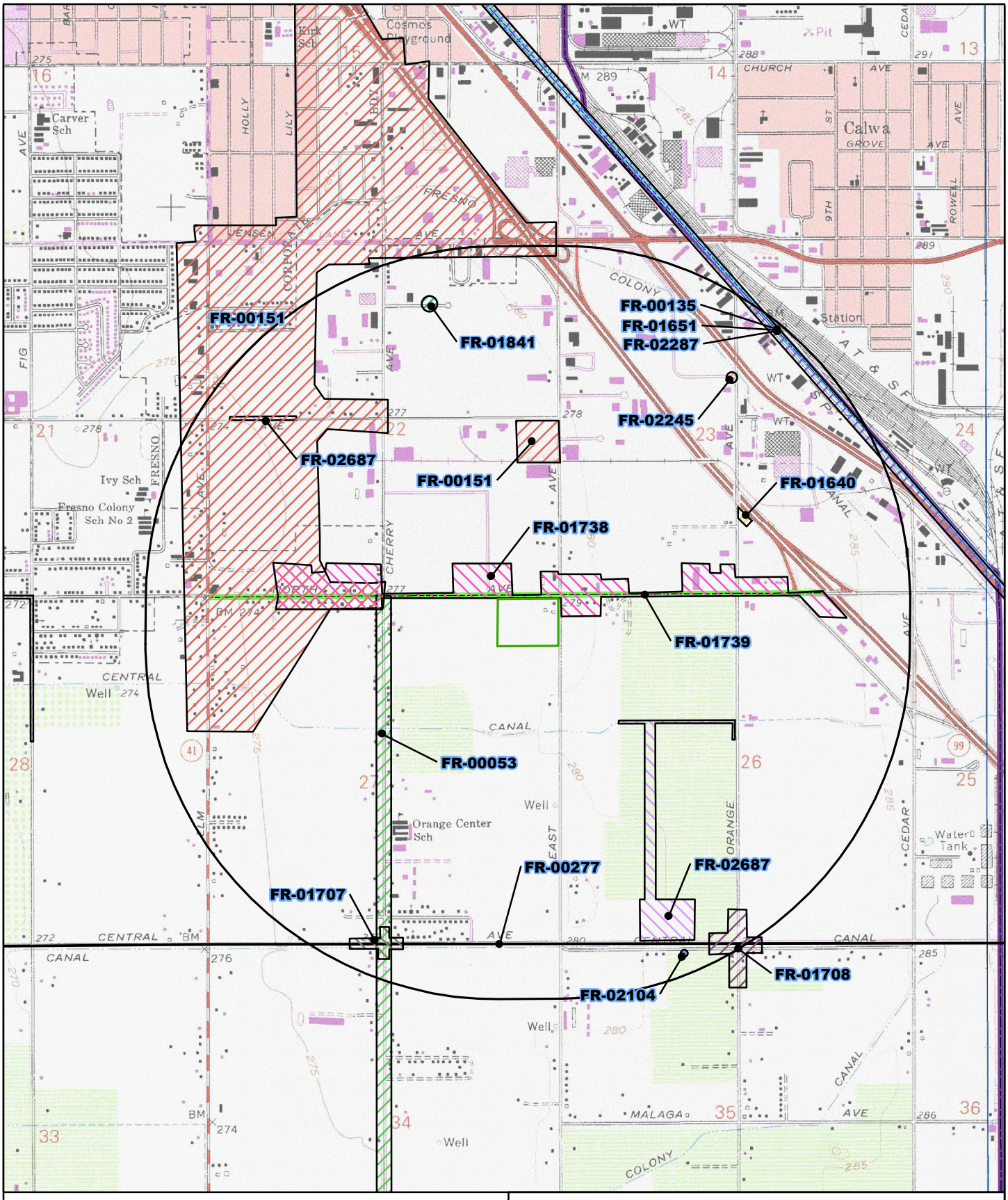
. Fresno City Building Records
. USGS Fresno 15' Quad., 1923

22.Date form prepared: May 31, 1989
By: Sally Woodbridge, Architectural Historian
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Address: P. O. Box 52
City: Zip Code: Mill Valley, California 94941
Phone: (415) 388-9037

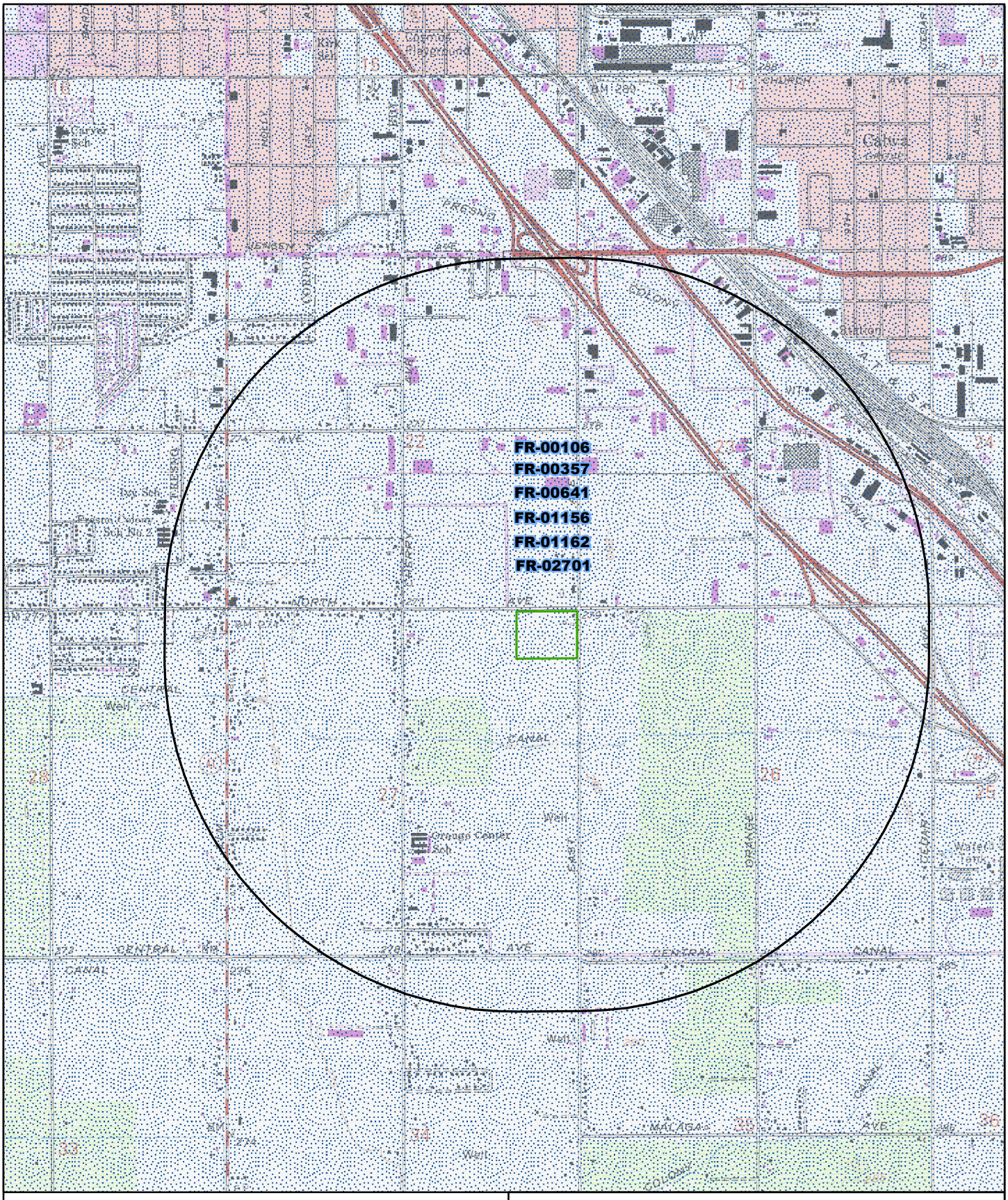
Location sketch map (draw & label site and surrounding streets, roads, and prominent landmarks)



283 East North Avenue



SSJV Information Center Record Search 22-019
Requester: Andrew Garrison, Brian F Smith & Associates
Project Name: Reyes Fresno (22-008)
USGS 7.5' Quad(s): Fresno South
County: Fresno
Reports Only



May depict confidential cultural resource locations.
Do not distribute.

0 0.125 0.25 0.5 Miles

0 0.175 0.35 0.7 Kilometers

N

Project Area

Record Search radius

SSJV Information Center Record Search 22-019
Requester: Andrew Garrison, Brian F Smith & Associates
Project Name: Reyes Fresno (22-008)
USGS 7.5' Quad(s): Fresno South
County: Fresno
"Other" Reports Only

Report List

SSJVIC Record Search 22-019

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
FR-00053	NADB-R - 1141168	1991	Weitze, K.	Rout 41 Elkhorn Avenue to North Avenue, 06-FRE-41-R6.1/R20.1 06250-342100 Historic Property Survey Report	Dames & Moore	
FR-00106	BLM - Permit No. CA-95-01-0004; NADB-R - 1141258	1995	Self, William	Class I Overview: Santa Fe Pacific Pipeline Partners, L.P. Proposed Concord to Colton Pipeline Project	William Self Associates	10-002961
FR-00135	NADB-R - 1140863	1995	Hatoff, Brian, Voss, Barb, Waechter, Sharon, Benté, Vance, and Wee, Stephen	Cultural Resources Inventory Report for the Proposed Mojave Northward Expansion Project.	Woodward-Clyde Consultants	
FR-00151	Caltrans - 06-Fre-41, PM R20.1/R22.1, EA 06-342601	1995	Pavlik, Robert C	Supplemental Historical Architectural Survey Report / Historic Property Survey Report for Highway Construction in the City and County of Fresno, California.	California Department of Transportation	
FR-00277		1991	Bissonnette, Linda Dick	An Archaeological Survey of the Rank Fmaily Property for a Property Line Variance in Fresno County, California	Michael Paoli and Associates	
FR-00357		1981	Crist, Michael K. and Varner, Dudley M.	Archaeological Overview and Locational Analysis of the Fresno Area	California State University, Fresno	10-001014
FR-00641		1977	Peck, Billy J.	The Distribution of Aboriginal Occupational Sites in Fresno County, California	California State University, Fresno	
FR-01156		1968	Unknown	A Proposal for an Archaeological Element in the Fresno County, General Plan	Committee on Sierra Foothills Public Archaeology	
FR-01162		1990	Stuart, David R.	A Summary of the Present Archaeological Resources of Fresno County	California Department of Parks and Recreation	
FR-01640	IC Record Search Nbr - 99-030	1999	Binning, Jeanne Day	Negative Archaeological Survey Report Installation of Traffic Survelance Stations along Interstate 5, State Route 41, and State Route 99 in Madera and Fresno Counties	California Department of Transportation	
FR-01651	Submitter - Project Number 27101	2000	Nelson, Wendy J.	Cultural Resources Survey for the Level (3) Communications Long Haul Fiber Optics Project: Segment WS04: Sacramento to Bakersfield	Far Western Anthropological Research Group, Inc.	
FR-01707	Submitter - Project Number: STPLH-5942 (103)	2000	Nishimura, Lisa	Negative Archaeological Survey Report for Box Culvert Upgrade at Cherry Avenue	California Department of Transportation	
FR-01708	Submitter - Project Number: STPLH-5942 (102)	2000	Nishimura, Lisa	Negative Archaeological Survey Report for Box Culvert Upgrade at Orange Avenue	California Department of Transportation	

Report List

SSJVIC Record Search 22-019

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
FR-01738		2001	Palmer, Kevin (Lex)	Historic Architectural Survey Report for the North Avenue Reconstruction Project State Route 41 to State Route 99, Fresno California	Applied EarthWorks, Inc.	10-004648, 10-004649, 10-004650, 10-004651, 10-004652
FR-01739		2001	Baloian, Mary	Negative Archaeological Survey Repot for the North Avenue Reconstruction Project, State Route 41 to State Route 99, Fresno, California	Applied EarthWorks, Inc.	
FR-01841	Submitter - CA-1456D	2001	Unknown	Record Search and Site Visit Report for Nextel Wireless Site CA-1456D, Fresno, Fresno County, California.	EarthTouch, LLC.	
FR-02104		2005	Thal, Sean	Cultural Resource Assessment for the Fresno Industrial (CA-1456K) Cellular Facility at 1293 East Center Avenue, Near Calwa, Unincorporated Fresno County, California	EarthTouch, Inc.	
FR-02245		2005	Bonner, Wayne H.	Record Search Results and Site Visit for Cingular Telecommunications Facility Candidate FS-512-04 (Jensen/Cedar), 2774 South Orange Avenue, Fresno, Fresno County, California	Michael Brandman Associates	
FR-02287	Submitter - SWCA Cultural Resources Report Database No. 06-507; Submitter - SWCA Project No. 10715-180	2006	Arrington, Cindy, Bass, Bryon, Brown, Joan, Corey, Chris, and Hunt, Kevin	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California	SWCA Environmental Consultants	
FR-02687		2014	Armstrong, Matthew D. and Lloyd, Jay B.	Cultural Resources Inventory for South Fresno Economic Development Project Work Areas 1,2, and 3, City of Fresno, Fresno County, California	Applied EarthWorks, Inc.	
FR-02701		2011	Greenwald, Alexandra	Archaeological Survey Report for the California High Speed Train Fresno to Bakersfield Section	URS Corporation	

ATTACHMENT B

NAHC Sacred Lands File Search Request

Brian F. Smith & Associates

Archaeological/Biological/Historical/Paleontological/Air/Traffic/Noise Consulting

January 13, 2022

For: Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, California 95814

From: Andrew Garrison M.A., RPA
Brian F. Smith and Associates Inc.
14010 Poway Rd. Suite A
Poway, CA 92064

Re: Request for Sacred Lands File and Native American Contact List for the Reyes Fresno (22-008), City of Fresno, Fresno County, California.

I would like to request a record search of the Sacred Lands File and a list of appropriate Native American contacts for the following project: Reyes Fresno (22-008). The approximately 14.8-acre project consists of an industrial warehouse development situated southwest of the intersection of South East Avenue and East North Avenue, City of Fresno, Fresno County, California (APNs 329-090-16 and -17). The project can be found Section 27 Township 14 South, Range 20 East, as shown on the USGS *Fresno South, California* Quadrangle. A copy of the project map showing the project area has been included for the processing of this request.

Thank you for your time.

Sincerely,

Andrew Garrison M.A., RPA
Project Archaeologist
Billing: 14678 Ibex Court, San Diego, CA 92129
Phone: 858-484-0915
Email: agarrison@bfsa-ca.com

Attachments:
USGS 7.5 *Fresno South,* California, topographic map with project area delineated.

Sacred Lands File request form

Sacred Lands File & Native American Contacts List Request
NATIVE AMERICAN HERITAGE COMMISSION
915 Capitol Mall, RM 364 ∗ Sacramento, CA 95814 ∗ (916) 653-4082
(916) 657-5390 – Fax ∗ nahc@pacbell.net

Information Below is Required for a Sacred Lands File Search

Project: Reyes Fresno (22-008)

County: Fresno

USGS Quadrangle Name(s): *Fresno South*

Section 27 Township 14 South, Range 20 East

Company/Firm/Agency: Brian F. Smith & Associates Inc.

Contact Person: Andrew Garrison

Street Address: 14010 Poway Road, Suite A

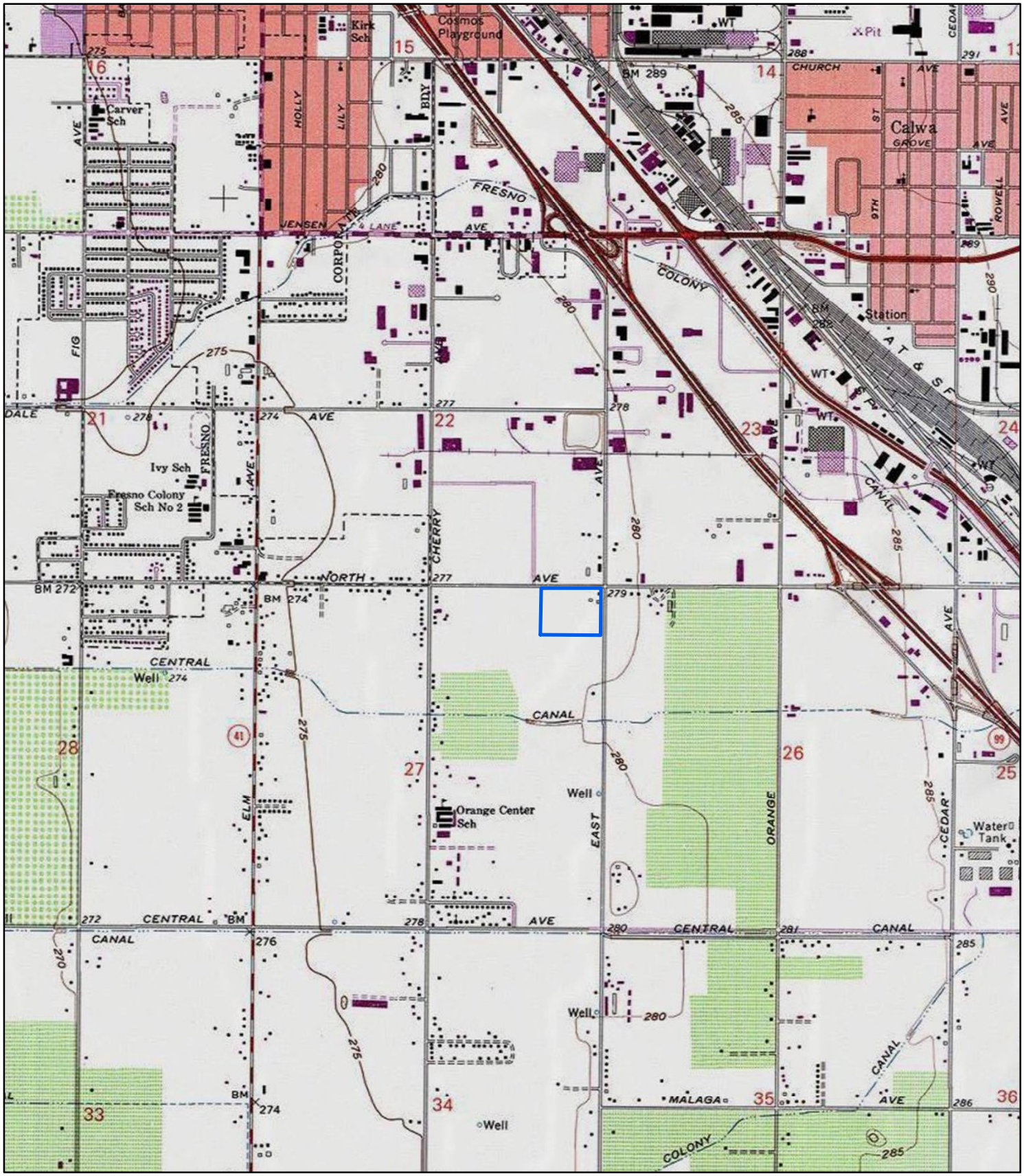
City: Poway Zip: 92064

Phone: 858-484-0915

Fax: 858-679-9896

Email: agarrison@bfsa-ca.com

Project Description:
I would like to request a record search of the Sacred Lands File and a list of appropriate Native American contacts for the following project: Reyes Fresno (22-008). The approximately 14.8-acre project consists of an industrial warehouse development situated southwest of the intersection of South East Avenue and East North Avenue, City of Fresno, Fresno County, California (APNs 329-090-16 and -17). The project can be found Section 27 Township 14 South, Range 20 East, as shown on the USGS *Fresno South, California* Quadrangle. A copy of the project map showing the project area has been included for the processing of this request.



Project

Reyes Fresno (22-008)
USGS *Fresno South* Quadrangle
(7.5-minute series)

N

1:24,000

AJG BFSA: 1/13/2022

Phoenix Biological Consulting, Inc
Providing proactive biological solutions throughout the Southwest
313 Nicole Dr Vista CA 92084 (949) 887-0859 Cell

Biological Technical Memo

DATE: February 2, 2022

TO: Rafik Albert, EPD Solutions

FROM: Ryan Young, Phoenix Biological Consulting

RE: Reyes Solar Biological Reconnaissance Site Visit

Mr. Albert

Phoenix Biological Consulting (PBC) conducted a biological reconnaissance site visit for the Reyes Solar project site located in Fresno, CA on January 25, 2022. Outlined below, is a compilation of Phoenix Biological Consultant's field reconnaissance observations and desktop analysis that included the California Natural Diversity Database (CNDDB), ArcGIS, USDA Soils data, USGS wetlands & drainages and aerial photos.

Findings and Recommendations

- The project site consists of highly disturbed habitat that is surrounded by commercial development.
- No drainages are present on site.
- No sensitive species are present on the site.

Project location

The project site is located at the southwest corner of E North Ave and S East Ave in the City limits of Fresno, Fresno County, California. The elevation is 278 feet. The site is located within Section 27, Township 14 S, Range 20 E, Fresno South Topographic Quadrangle United States Geological Survey (USGS) 7.5 Series.

Site characteristics

After completing a site visit and reviewing online aerial photos, the site appears to be comprised of disturbed, previously grubbed and cleared vacant land. Russian thistle and Red brome have colonized the majority of the site.

The topography is relatively flat. There are no drainages present on or along the edges of the site. The soils on site consist of Hesperia fine sandy loams. No wetland indicator soils are present.

Adjacent land use

The adjacent habitat consists of commercial development on all sides.

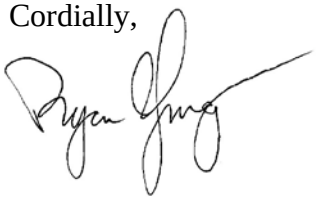
Significant ecological sites

There are no significant ecological areas or land preserves adjacent to the project area.

Animal species detected during site visit

No species of significance were observed during the site visit. Several ravens and house sparrows were detected during the site visit but no sensitive species were observed. No rare plants were observed. There is no sign of kangaroo rats, kit fox or blunt nosed leopard lizard habitat present either.

Cordially,



Ryan Young
Phoenix Biological Consulting
313 Nicole Dr
Vista CA 92084
(949) 887 0859 cell
ryanryoung@phoenixbiologicalconsulting.com

Exhibit A: Regional View

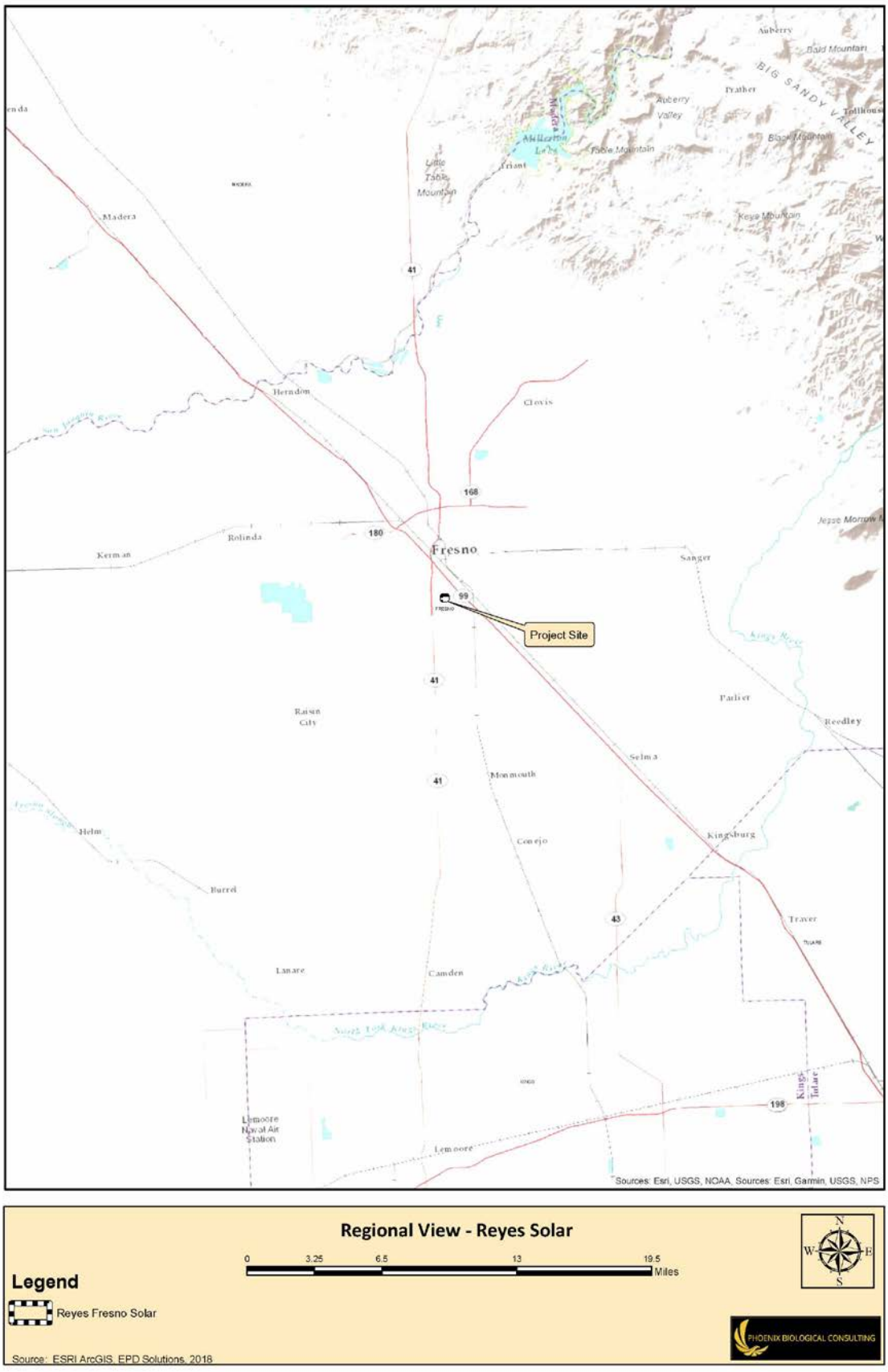


Exhibit B: Aerial View



Exhibit C: Topographic View

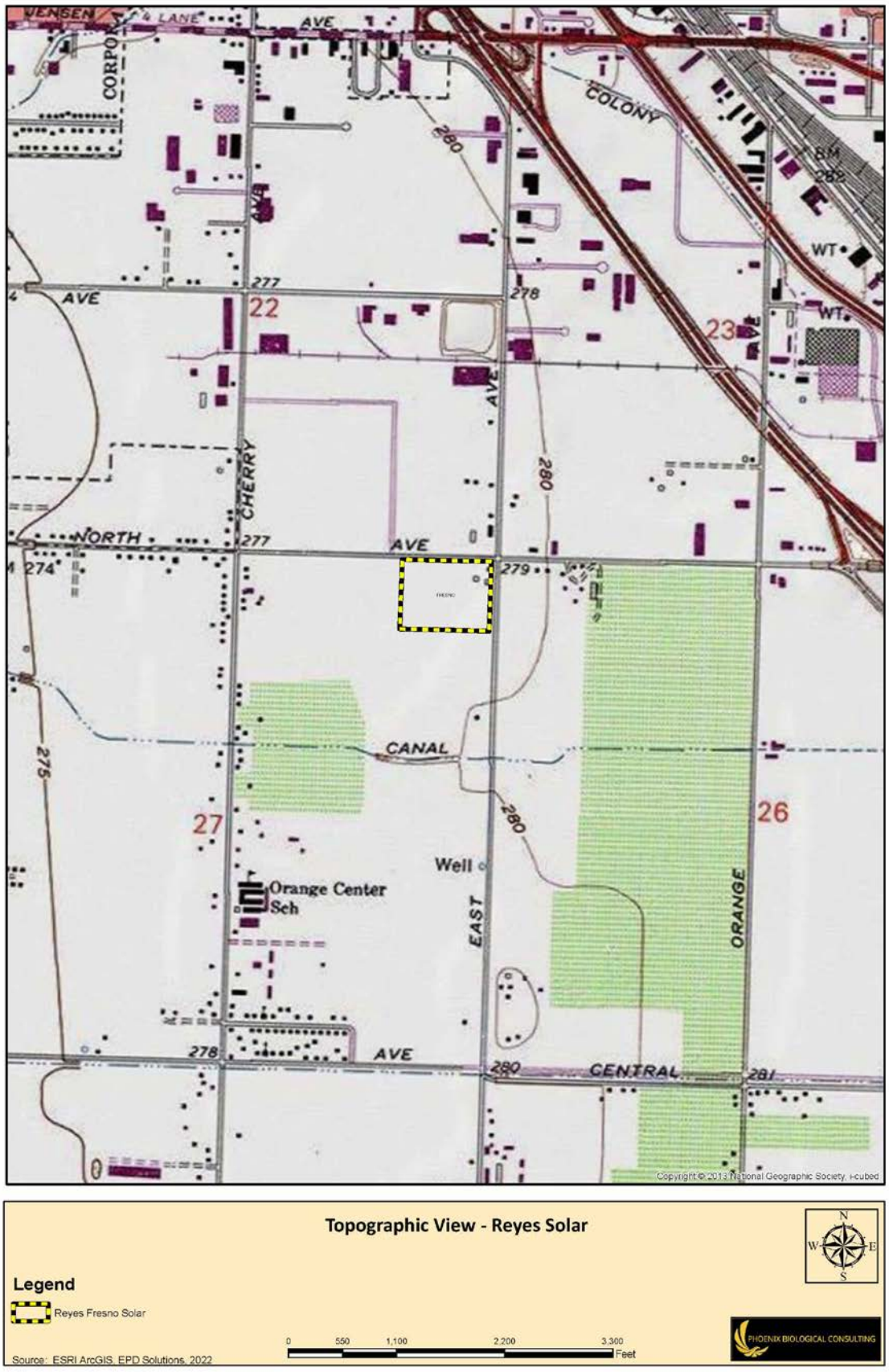


Exhibit D: USDA Soils Data View

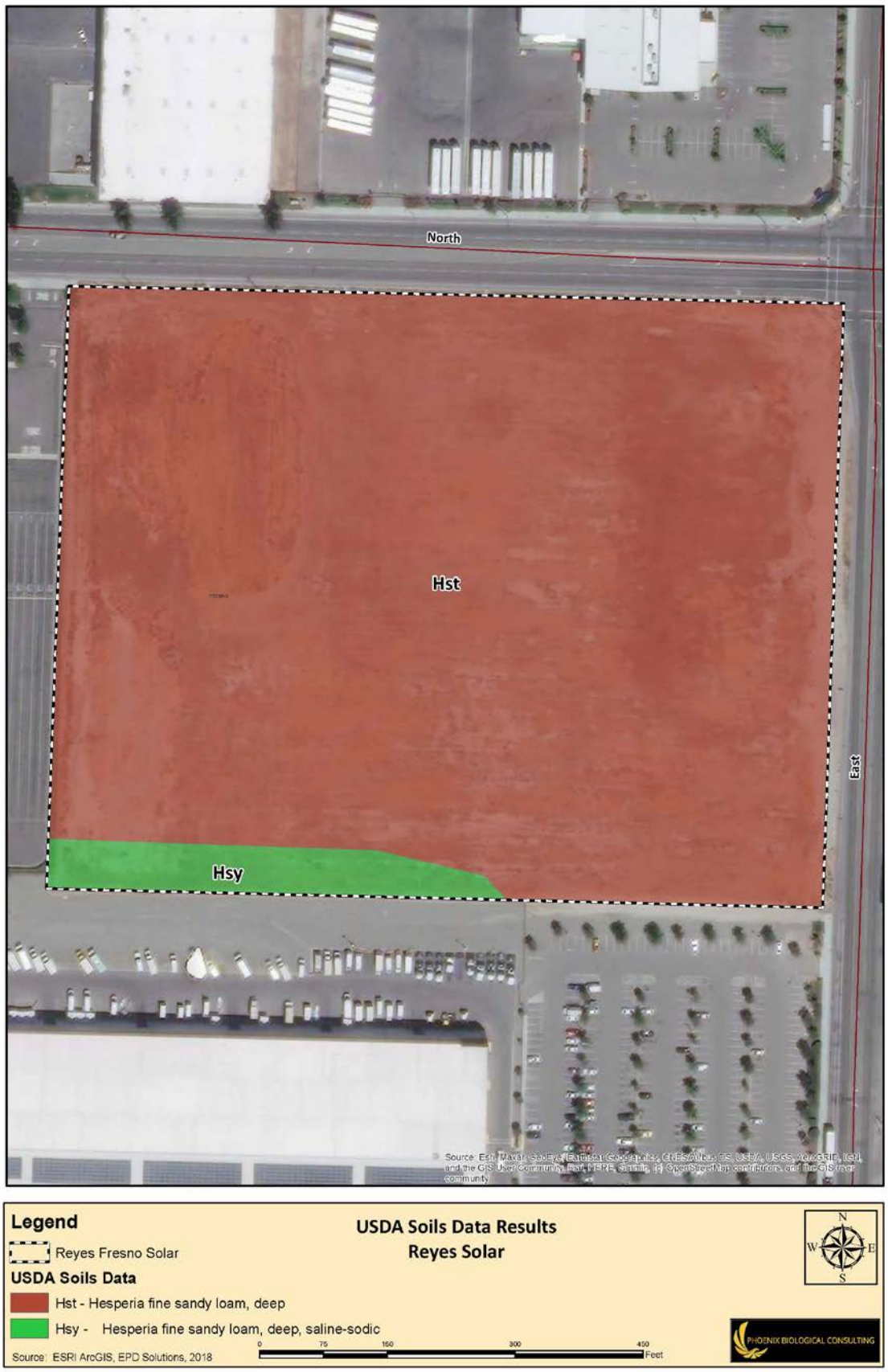
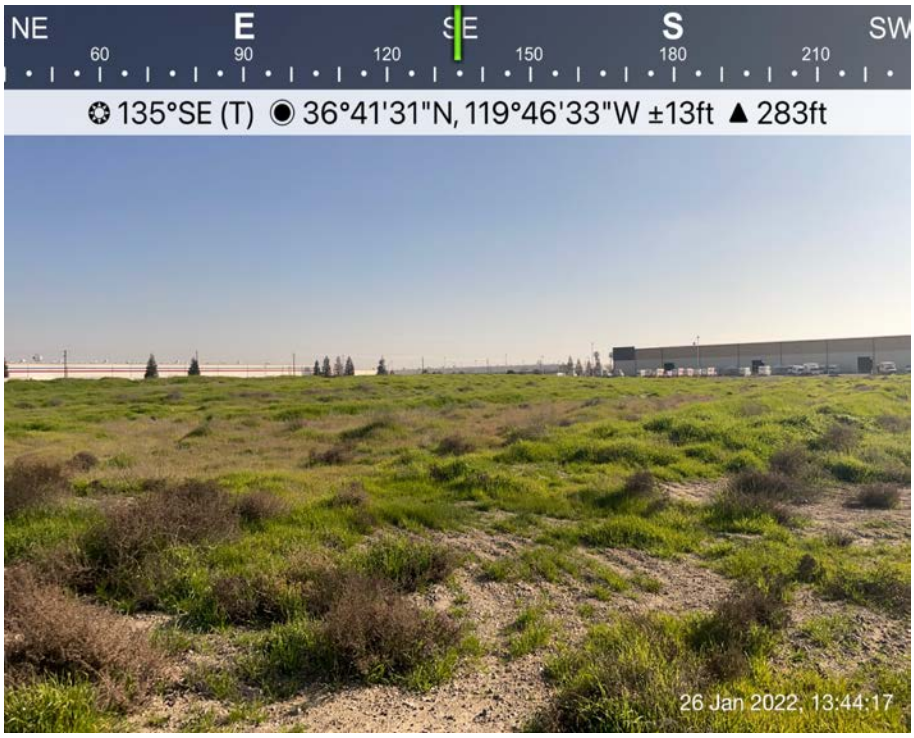


Exhibit E: Corner Photos

	Southeast Corner. Facing NW.
	Southwest Corner. Facing NE.

	Northwest Corner. Facing SE.
	Northeast Corner. Facing SW.

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Fresno County, California



Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS

NOT FOR CONSULTATION

Fresno Kangaroo Rat Dipodomys nitratoides exilis — **Endangered**
Wherever found
There is final critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/5150

San Joaquin Kit Fox Vulpes macrotis mutica — **Endangered**
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/2873

Reptiles

NAME	STATUS
Blunt-nosed Leopard Lizard Gambelia silus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/625	**Endangered**
Giant Garter Snake Thamnophis gigas Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4482	**Threatened**

Amphibians

NAME	STATUS
California Red-legged Frog Rana draytonii Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/2891	**Threatened**
California Tiger Salamander Ambystoma californiense There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/2076	**Threatened**

Fishes

NAME	STATUS
Delta Smelt Hypomesus transpacificus Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/321	**Threatened**

Insects

NAME	STATUS

NOT FOR CONSULTATION

Monarch Butterfly Danaus plexippus — **Candidate**
Wherever found
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/9743

Crustaceans

NAME	STATUS
Vernal Pool Fairy Shrimp Branchinecta lynchi Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/498	**Threatened**

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

NOT FOR CONSULTATION

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

THERE ARE NO MIGRATORY BIRDS OF CONSERVATION CONCERN EXPECTED TO OCCUR AT THIS LOCATION.

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

NOT FOR CONSULTATION

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

NOT FOR CONSULTATION

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION

NOISE AND VIBRATION IMPACT ANALYSIS

RCCB FRESNO DISTRIBUTION WAREHOUSE PROJECT

FRESNO, CALIFORNIA

LSA

March 2022

NOISE AND VIBRATION IMPACT ANALYSIS

RCCB FRESNO DISTRIBUTION WAREHOUSE PROJECT

FRESNO, CALIFORNIA

Submitted to:

EPD Solutions, Inc.
2 Park Plaza, Suite 1120
Irvine, California 92614

Prepared by:

LSA
20 Executive Park, Suite 200
Irvine, California 92614-4731
(949) 553-0666

Project No. ESL2201

March 2022

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LIST OF ABBREVIATIONS AND ACRONYMS

City	City of Fresno
CNEL	Community Noise Equivalent Level
dBA	A-weighted decibel
EPA	United States Environmental Protection Agency
ft	feet
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HVAC	heating, ventilation, and air conditioning
in/sec	inches per second
L_{dn}	day-night average noise level
L_{eq}	equivalent continuous sound level
L_{max}	maximum instantaneous sound level
PPV	peak particle velocity
project	RCCB Fresno Distribution Warehouse Project
RMS	root-mean-square
sf	square feet
SPL	sound power level
VdB	vibration velocity decibels

INTRODUCTION

This noise and vibration impact analysis has been prepared to evaluate the potential noise and vibration impacts and reduction measures associated with the RCCB Fresno Distribution Warehouse Project (project) in Fresno, California. This report is intended to satisfy the City of Fresno (City) requirement for a project-specific noise impact analysis by examining the impacts of the project site and evaluating noise reduction measures that the project may require.

PROJECT LOCATION AND DESCRIPTION

The proposed project would construct a 204,264 square feet (sf) warehouse building with ancillary office space and a future expansion option of 40,300 sf of warehouse. The building shell will include a 2-story office area to be constructed of concrete tilt-up panels, a panelized roof system, 29 dock-high doors, a truck wash and truck maintenance shop attached to the warehouse space, and a small outdoor patio space. Also included are a truck yard, automobile parking areas, truck parking, and stormwater management areas. The building will be fully air conditioned, and will be used for Food and Beverage Industrial Storage Space. The yard will be fully secured with rolling gates and fences, with ingress and egress from both E. North Avenue and S. East Avenue.

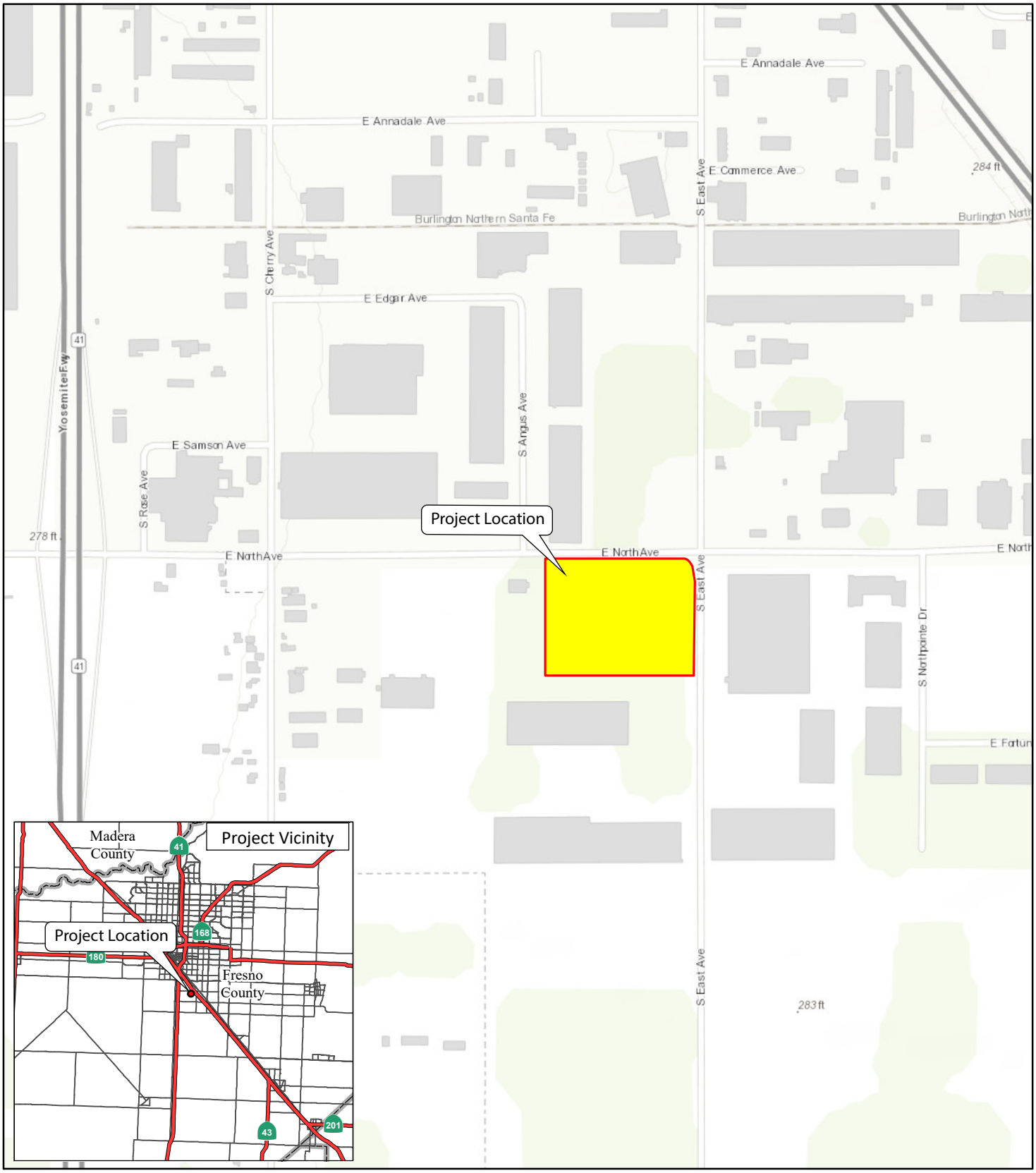
Typical operational characteristics include employees traveling to and from the site, delivery of products to the site, truck loading and unloading, and truck maintenance operations. The project is assumed to operate 24 hours a day, 7 days a week; however, this may shift depending on the tenant, as the hours of operation are unknown.

The proposed project is located at 791 and 998 E. North Avenue, at the southwest corner of the E. North Avenue and S. East Avenue intersection in the city of Fresno. The project site is identified by Assessor's Parcel Numbers 329-09-016 and 329-09-017. The project site is currently vacant. Figure 1 illustrates the project site location. Figure 2 depicts the proposed project's site plan.

EXISTING LAND USES IN THE PROJECT AREA

The project site is surrounded primarily by residential, commercial, and community facility development. The areas adjacent to the project site include the following uses:

- **North:** Existing industrial uses, opposite E. North Avenue;
- **East:** Existing industrial uses opposite S. East Avenue;
- **South:** Existing industrial uses; and
- **West:** Existing Fresno Commercial Drive Test Center.



LEGEND

Project Site

City Boundary

FIGURE 1

N

0 400 800

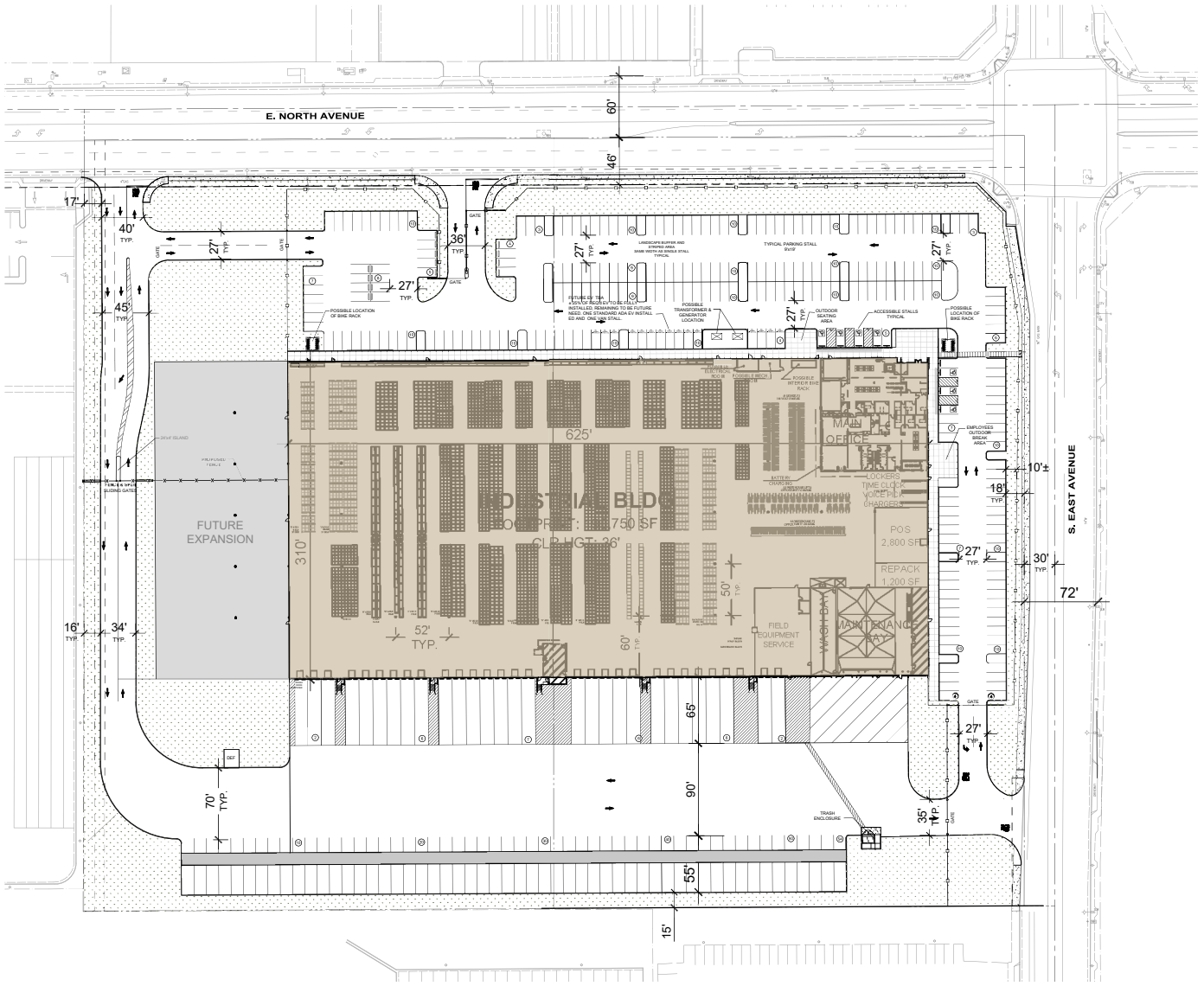
FEET

SOURCE: ArcGIS Online Topographic Map (2020)

I:\ESL2201\G\Project_Location.ai (03/09/2022)

Fresno Distribution Center Project

Project Location



LSA

FIGURE 2

N

0 25 80

FEET

SOURCE: Ware Malcomb

I:\ESL2201\G\Site_Plan.ai (03/09/2022)

Fresno Distribution Center Project

Site Plan

NOISE AND VIBRATION FUNDAMENTALS

CHARACTERISTICS OF SOUND

Noise is usually defined as unwanted sound. Noise consists of any sound that may produce physiological or psychological damage and/or interfere with communication, work, rest, recreation, and sleep.

To the human ear, sound has two significant characteristics: pitch and loudness. Pitch is generally an annoyance, while loudness can affect the ability to hear. Pitch is the number of complete vibrations, or cycles per second, of a sound wave, which results in the tone's range from high to low. Loudness is the strength of a sound, and it describes a noisy or quiet environment; it is measured by the amplitude of the sound wave. Loudness is determined by the intensity of the sound waves combined with the reception characteristics of the human ear. Sound intensity is the average rate of sound energy transmitted through a unit area perpendicular to the direction in which the sound waves are traveling. This characteristic of sound can be precisely measured with instruments. The analysis of a project defines the noise environment of the project area in terms of sound intensity and its effect on adjacent sensitive land uses.

MEASUREMENT OF SOUND

Sound intensity is measured with the A-weighted decibel (dBA) scale to correct for the relative frequency response of the human ear. That is, an A-weighted noise level de-emphasizes low and very high frequencies of sound, similar to the human ear's de-emphasis of these frequencies. Decibels (dB), unlike the linear scale (e.g., inches or pounds), are measured on a logarithmic scale representing points on a sharply rising curve.

For example, 10 dB is 10 times more intense than 0 dB, 20 dB is 100 times more intense than 0 dB, and 30 dB is 1,000 times more intense than 0 dB. Thirty decibels (30 dB) represents 1,000 times as much acoustic energy as 0 dB. The decibel scale increases as the square of the change, representing the sound pressure energy. A sound as soft as human breathing is about 10 times greater than 0 dB. The decibel system of measuring sound gives a rough connection between the physical intensity of sound and its perceived loudness to the human ear. A 10 dB increase in sound level is perceived by the human ear as only a doubling of the sound's loudness. Ambient sounds generally range from 30 dB (very quiet) to 100 dB (very loud).

Sound levels are generated from a source, and their decibel level decreases as the distance from that source increases. Sound levels dissipate exponentially with distance from their noise sources. For a single point source, sound levels decrease approximately 6 dB for each doubling of distance from the source. This drop-off rate is appropriate for noise generated by stationary equipment. If noise is produced by a line source (e.g., highway traffic or railroad operations), the sound decreases 3 dB for each doubling of distance in a hard site environment. Line source sound levels decrease 4.5 dB for each doubling of distance in a relatively flat environment with absorptive vegetation.

There are many ways to rate noise for various time periods, but an appropriate rating of ambient noise affecting humans also accounts for the annoying effects of sound. The equivalent continuous sound level (L_{eq}) is the total sound energy of time-varying noise over a sample period. However, the predominant rating scales for human communities in the State of California are the L_{eq} and Community Noise Equivalent Level (CNEL) or the day-night average noise level (L_{dn}) based on A-weighted decibels. CNEL is the time-weighted average noise over a 24-hour period, with a 5 dBA weighting factor applied to the hourly L_{eq} for noises occurring from 7:00 p.m. to 10:00 p.m. (defined as relaxation hours) and a 10 dBA weighting factor applied to noises occurring from 10:00 p.m. to 7:00 a.m. (defined as sleeping hours). L_{dn} is similar to the CNEL scale but without the adjustment for events occurring during the relaxation. CNEL and L_{dn} are within 1 dBA of each other and are normally interchangeable. The City uses the CNEL noise scale for long-term traffic noise impact assessment.

Other noise rating scales of importance when assessing the annoyance factor include the maximum instantaneous noise level (L_{max}), which is the highest sound level that occurs during a stated time period. The noise environments discussed in this analysis for short-term noise impacts are specified in terms of maximum levels denoted by L_{max}, which reflects peak operating conditions and addresses the annoying aspects of intermittent noise. It is often used together with another noise scale, or noise standards in terms of percentile noise levels, in noise ordinances for enforcement purposes. For example, the L_{10} noise level represents the noise level exceeded 10 percent of the time during a stated period. The L_{50} noise level represents the median noise level. Half the time the noise level exceeds this level, and half the time it is less than this level. The L_{90} noise level represents the noise level exceeded 90 percent of the time and is considered the background noise level during a monitoring period. For a relatively constant noise source, the L_{eq} and L_{50} are approximately the same.

Noise impacts can be described in three categories. The first category includes audible impacts, which are increases in noise levels noticeable to humans. Audible increases in noise levels generally refer to a change of 3 dB or greater because this level has been found to be barely perceptible in exterior environments. The second category, potentially audible, refers to a change in the noise level between 1 dB and 3 dB. This range of noise levels has been found to be noticeable only in laboratory environments. The last category includes changes in noise levels of less than 1 dB, which are inaudible to the human ear. Only audible changes in existing ambient or background noise levels are considered potentially significant.

Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to sound levels higher than 85 dBA. Exposure to high sound levels affects the entire system, with prolonged sound exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. In comparison, extended periods of sound exposure above 90 dBA would result in permanent cell damage. When the sound level reaches 120 dBA, a tickling sensation occurs in the human ear, even with short-term exposure. This level of sound is called the threshold of feeling. As the sound reaches 140 dBA, the tickling sensation is replaced by a feeling of pain in the ear (i.e., the threshold of pain). A sound level of 160–165 dBA will result in dizziness or a

loss of equilibrium. The ambient or background noise problem is widespread and generally more concentrated in urban areas than in outlying, less developed areas.

Table A lists definitions of acoustical terms, and Table B shows common sound levels and their sources.

Table A: Definitions of Acoustical Terms

Term	Definitions
Decibel, dB	A unit of sound measurement that denotes the ratio between two quantities that are proportional to power; the number of decibels is 10 times the logarithm (to the base 10) of this ratio.
Frequency, Hz	Of a function periodic in time, the number of times that the quantity repeats itself in 1 second (i.e., the number of cycles per second).
A-Weighted Sound Level, dBA	The sound level obtained by use of A-weighting. The A-weighting filter de-emphasizes the very low and very high frequency components of the sound in a manner similar to the frequency response of the human ear and correlates well with subjective reactions to noise. (All sound levels in this report are A-weighted unless reported otherwise.)
L_{01}, L_{10}, L_{50}, L_{90}	The fast A-weighted noise levels that are equaled or exceeded by a fluctuating sound level 1%, 10%, 50%, and 90% of a stated time period, respectively.
Equivalent Continuous Noise Level, L_{eq}	The level of a steady sound that, in a stated time period and at a stated location, has the same A-weighted sound energy as the time-varying sound.
Community Noise Equivalent Level, CNEL	The 24-hour A-weighted average sound level from midnight to midnight, obtained after the addition of 5 dBA to sound levels occurring in the evening from 7:00 p.m. to 10:00 p.m. and after the addition of 10 dBA to sound levels occurring in the night between 10:00 p.m. and 7:00 a.m.
Day/Night Noise Level, L_{dn}	The 24-hour A-weighted average sound level from midnight to midnight, obtained after the addition of 10 dBA to sound levels occurring in the night between 10:00 p.m. and 7:00 a.m.
L_{max}, L_{min}	The maximum and minimum A-weighted sound levels measured on a sound level meter, during a designated time interval, using fast time averaging.
Ambient Noise Level	The all-encompassing noise associated with a given environment at a specified time. Usually a composite of sound from many sources from many directions, near and far; no particular sound is dominant.
Intrusive	The noise that intrudes over and above the existing ambient noise at a given location. The relative intrusiveness of a sound depends upon its amplitude, duration, frequency, time of occurrence, and tonal or informational content, as well as the prevailing ambient noise level.

Source: *Handbook of Acoustical Measurements and Noise Control* (Harris 1991).

Table B: Common Sound Levels and Their Noise Sources

Noise Source	A-Weighted Sound Level in Decibels	Noise Environments	Subjective Evaluations
Near Jet Engine	140	Deafening	128 times as loud
Civil Defense Siren	130	Threshold of Pain	64 times as loud
Hard Rock Band	120	Threshold of Feeling	32 times as loud
Accelerating Motorcycle at a Few Feet Away	110	Very Loud	16 times as loud
Pile Driver; Noisy Urban Street/Heavy City Traffic	100	Very Loud	8 times as loud
Ambulance Siren; Food Blender	95	Very Loud	—
Garbage Disposal	90	Very Loud	4 times as loud
Freight Cars; Living Room Music	85	Loud	—
Pneumatic Drill; Vacuum Cleaner	80	Loud	2 times as loud
Busy Restaurant	75	Moderately Loud	—
Near Freeway Auto Traffic	70	Moderately Loud	Reference level
Average Office	60	Quiet	One-half as loud
Suburban Street	55	Quiet	—
Light Traffic; Soft Radio Music in Apartment	50	Quiet	One-quarter as loud
Large Transformer	45	Quiet	—
Average Residence without Stereo Playing	40	Faint	One-eighth as loud
Soft Whisper	30	Faint	—
Rustling Leaves	20	Very Faint	—
Human Breathing	10	Very Faint	Threshold of Hearing
—	0	Very Faint	—

Source: Compiled by LSA (2022).

FUNDAMENTALS OF VIBRATION

Vibration refers to ground-borne noise and perceptible motion. Ground-borne vibration is almost exclusively a concern inside buildings and is rarely perceived as a problem outdoors, where the motion may be discernible, but without the effects associated with the shaking of a building there is less adverse reaction. Vibration energy propagates from a source through intervening soil and rock layers to the foundations of nearby buildings. The vibration then propagates from the foundation throughout the remainder of the structure. Building vibration may be perceived by occupants as the motion of building surfaces, the rattling of items sitting on shelves or hanging on walls, or a low-frequency rumbling noise. The rumbling noise is caused by the vibration of walls, floors, and ceilings that radiate sound waves. Annoyance from vibration often occurs when the vibration exceeds the threshold of perception by 10 dB or less. This is an order of magnitude below the damage threshold for normal buildings.

Typical sources of ground-borne vibration are construction activities (e.g., blasting, pile-driving, and operating heavy-duty earthmoving equipment), steel-wheeled trains, and occasional traffic on rough roads. Problems with both ground-borne vibration and noise from these sources are usually localized to areas within approximately 100 ft from the vibration source, although there are examples of ground-borne vibration causing interference out to distances greater than 200 ft (FTA 2018). When roadways are smooth, vibration from traffic, even heavy trucks, is rarely perceptible. It

is assumed for most projects that the roadway surface will be smooth enough that ground-borne vibration from street traffic will not exceed the impact criteria; however, construction of the project could result in ground-borne vibration that may be perceptible and annoying.

Ground-borne noise is not likely to be a problem because noise arriving via the normal airborne path will usually be greater than ground-borne noise.

Ground-borne vibration has the potential to disturb people and damage buildings. Although it is very rare for train-induced ground-borne vibration to cause even cosmetic building damage, it is not uncommon for construction processes such as blasting and pile-driving to cause vibration of sufficient amplitudes to damage nearby buildings (FTA 2018). Ground-borne vibration is usually measured in terms of vibration velocity, either the root-mean-square (RMS) velocity or peak particle velocity (PPV). The RMS is best for characterizing human response to building vibration, and PPV is used to characterize the potential for damage. Decibel notation acts to compress the range of numbers required to describe vibration. Vibration velocity level in decibels is defined as

$$L_v = 20 \log_{10} [V/V_{ref}]$$

where "L_v" is the vibration velocity in decibels (VdB), "V" is the RMS velocity amplitude, and "V_{ref}" is the reference velocity amplitude, or 1×10^{-6} inches/second (in/sec) used in the United States.

REGULATORY SETTING

APPLICABLE NOISE STANDARDS

The proposed project falls within the North Avenue Industrial Triangle Specific Plan (NAITSP), however noise and vibration impacts, thresholds, or criteria were not established at that time. The following section summarizes the regulatory framework related to noise, including federal, State, and City of Fresno plans, policies, and standards.

Federal

United States Environmental Protection Agency

In 1972, Congress enacted the Noise Control Act. This act authorized the United States Environmental Protection Agency (USEPA) to publish descriptive data on the effects of noise and establish levels of sound *requisite to protect the public welfare with an adequate margin of safety.* These levels are separated into health (hearing loss levels) and welfare (annoyance levels), as shown in Table C. The USEPA cautions that these identified levels are not standards because they do not take into account the cost or feasibility of the levels.

Table C: Summary of USEPA Noise Levels

Effect	Level	Area
Hearing loss	$L_{eq}(24) \leq 70$ dB	All areas.
Outdoor activity interference and annoyance	$L_{dn} \leq 55$ dB	Outdoors in residential areas and farms and other outdoor areas where people spend widely varying amounts of time and other places in which quiet is a basis for use.
	$L_{eq}(24) \leq 55$ dB	Outdoor areas where people spend limited amounts of time, such as school yards, playgrounds, etc.
Indoor activity interference and annoyance	$L_{eq} \leq 45$ dB	Indoor residential areas.
	$L_{eq}(24) \leq 45$ dB	Other indoor areas with human activities such as schools, etc.

Source: U.S. Environmental Protection Agency (USEPA). *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety* (March 1974).
dB = decibels
L_{eq} = equivalent continuous sound level

For protection against hearing loss, 96 percent of the population would be protected if sound levels were less than or equal to an $L_{eq}(24)$ of 70 dBA. The "(24)" signifies an L_{eq} duration of 24 hours. The USEPA activity and interference guidelines are designed to ensure reliable speech communication at about 5 feet (ft) in the outdoor environment. For outdoor and indoor environments, interference with activity and annoyance should not occur if levels are below 55 dBA and 45 dBA, respectively.

The noise effects associated with an outdoor L_{dn} of 55 dBA are summarized in Table D. At 55 dBA L_{dn}, 95 percent sentence clarity (intelligibility) may be expected at 11 ft, with no community reaction. However, 1 percent of the population may complain about noise at this level, and 17 percent may indicate annoyance.

Table D: Summary of Human Effects in Areas Exposed to 55 dBA CNEL

Type of Effect	Magnitude of Effect
Speech – Indoors	100 percent sentence intelligibility (average) with a 5 dB margin of safety.
Speech – Outdoors	100 percent sentence intelligibility (average) at 0.35 meter. 99 percent sentence intelligibility (average) at 1.0 meter. 95 percent sentence intelligibility (average) at 3.5 meters.
Average Community Reaction	None evident; 7 dB below level of significant complaints and threats of legal action and at least 16 dB below "vigorous action."
Complaints	1 percent dependent on attitude and other non-level related factors.
Annoyance	17 percent dependent on attitude and other non-level related factors.
Attitude Towards Area	Noise essentially the least important of various factors.

Source: U.S. Environmental Protection Agency (USEPA). *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety* (March 1974).
CNEL = Community Noise Equivalent Level
dB = decibels
dBA = A-weighted decibels

Federal Transit Administration

The vibration impact criteria included in the *Transit Noise and Vibration Impact Assessment*, are used in this analysis to assess potential human annoyance related to ground-borne vibration impacts, as shown in Table E. The criteria account for variation in project types as well as the frequency of events, which differ widely among projects. When there are fewer events per day, it takes higher vibration levels to evoke the same community response. This is accounted for in the criteria by distinguishing between projects with frequent and infrequent events, in which the term "frequent events" is defined as more than 70 events per day.

Table E: Ground-Borne Vibration Impact Criteria For Assessing Human Annoyance

Land Use Category	Ground-Borne Vibration Impact Levels (VdB re 1 µin/sec)		
	Frequent Events[1]	Occasional Events[2]	Infrequent Events[3]
Category 1: Buildings where vibration would interfere with interior operations.	65 VdB[4]	65 VdB[4]	65 VdB[4]
Category 2: Residences and buildings where people normally sleep.	72 VdB	75 VdB	80 VdB
Category 3: Institutional land uses with primarily daytime use.	75 VdB	78 VdB	83 VdB

Source: Table 6-3, *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018).
[1] Frequent events are defined as more than 70 vibration events of the same source per day.
[2] Occasional events are defined as between 30 and 70 vibration events of the same source per day.
[3] Infrequent events are defined as fewer than 30 vibration events of the same kind per day.
[4] This criterion limit is based on levels that are acceptable for most moderately sensitive equipment, such as optical microscopes. Vibration-sensitive manufacturing or research will require detailed evaluation to define the acceptable vibration levels. Ensuring lower vibration levels in a building often requires special design of the HVAC systems and stiffened floors.
µin/sec = microinches per second
µPa = micropascals
dB = decibels
dBA = A-weighted decibels
FTA = Federal Transit Administration
HVAC = heating, ventilation, and air-conditioning
VdB = vibration velocity decibels

The criteria for potential building damage from ground-borne vibration and noise are based on the maximum levels for a single event. Table F lists the potential vibration building damage criteria associated with construction activities, as suggested in the *Transit Noise and Vibration Impact Assessment Manual*. Federal Transit Administration (FTA) guidelines show that a vibration level of up to 102 VdB (equivalent to 0.5 in/sec in PPV) is considered safe for buildings consisting of reinforced concrete, steel, or timber (no plaster), and would not result in any construction vibration damage. For a non-engineered (those not designed by an engineer or architect) timber and masonry building, the construction building vibration damage criterion is 94 VdB (0.2 in/sec in PPV).

Table F: Construction Vibration Damage Criteria

Building Category	PPV (in/sec)	Approximate L_V (VdB)[1]
Reinforced concrete, steel, or timber (no plaster)	0.50	102
Engineered concrete and masonry (no plaster)	0.30	98
Non-engineered timber and masonry	0.20	94
Buildings extremely susceptible to vibration damage	0.12	90

Source: Table 7-5, *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018).
[1] RMS VdB re 1 µin/sec.
µin/sec = microinches per second
FTA = Federal Transit Administration
in/sec = inches per second
L_V = velocity in decibels
PPV = peak particle velocity
RMS = root-mean-square
VdB = vibration velocity in decibels

State of California

The State of California has established regulations that help prevent adverse impacts to occupants of buildings located near noise sources. Referred to as the "State Noise Insulation Standard", it requires noise-sensitive land uses to meet performance standards through design and/or building materials that would offset any noise source in the vicinity of the building. Chapter 5, Section 5.507 of the California Green Building Standards Code includes nonresidential mandatory measures, which require that buildings exposed to a noise level of 65 dB L_{eq}-1-hour during any hour of operation shall have building, addition, or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite Sound Transmission Class (STC) rating of at least 45 (or Outdoor/Indoor Transmission Class [OITC] 35) with exterior windows of a minimum STC of 40 (or OITC 30).

The State has established land use compatibility guidelines for determining acceptable noise levels for specified land uses. The City has adopted and modified the State's land use compatibility guidelines, as shown in Table G below.

Table G: Transportation (Non-Aircraft) Noise Sources

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

Notes:
[1] Where the location of outdoor activity areas is unknown or is not applicable, the exterior noise level standard shall be applied to the property line of the receiving land use.
[2] As determined for a typical worst-case hour during periods of use.
Source: City of Fresno (December 2014).

City of Fresno

City of Fresno General Plan

The City addresses noise in the Noise and Safety Element of the FRESNO General Plan.[1] The objectives and implementing policies in the City's General Plan are designed to protect the citizens of the City from the harmful and annoying effects of exposure to excessive noise. The following implementing policies are applicable to the proposed project:

- **NS-1-a: Desirable and Generally Acceptable Exterior Noise Environment.** Establish 65 dBA L_{dn} or CNEL as the standard for the desirable maximum average exterior noise levels for defined usable exterior areas of residential and noise-sensitive uses for noise, but designate 60 dBA L_{dn} or CNEL (measured at the property line) for noise generated by stationary sources impinging upon residential and noise-sensitive uses. Maintain 65 dBA L_{dn} or CNEL as the maximum average exterior noise levels for non-sensitive commercial land uses, and maintain 70 dBA L_{dn} or CNEL as maximum average exterior noise level for industrial land uses, both to be measured at the property line of parcels where noise is generated which may impinge on neighboring properties.

- **NS-1-b: Conditionally Acceptable Exterior Noise Exposure Range.** Establish the conditionally acceptable noise exposure level range for residential and other noise sensitive uses to be 65 dB L_{dn} or require appropriate noise reducing mitigation measures as determined by a site specific acoustical analysis to comply with the desirable and conditionally acceptable exterior noise level and the required interior noise level standards set in Table G below.

- **NS-1-c: Generally Unacceptable Exterior Noise Exposure Range.** Establish the exterior noise exposure of greater than 65 dB L_{dn} or CNEL to be generally unacceptable for residential and other noise sensitive uses for noise generated by sources in Policy NS-1-a, and study alternative less noise-sensitive uses for these areas if otherwise appropriate. Require appropriate noise reducing mitigation measures as determined by a site specific acoustical analysis to comply with

[1] Fresno, City of, 2014. *FRESNO General Plan.* December 18.

the generally desirable or generally acceptable exterior noise level and the required 45 dB interior noise level standards set in Table G as conditions of permit approval.

- **NS-1-g:** Noise mitigation measures which help achieve the noise level targets of this plan include, but are not limited to, the following:
    - Façades with substantial weight and insulation;
    - Installation of sound-rated windows for primary sleeping and activity areas;
    - Installation of sound-rated doors for all exterior entries at primary sleeping and activity areas;
    - Greater building setbacks and exterior barriers;
    - Acoustic baffling of vents for chimneys, attic and gable ends;
    - Installation of mechanical ventilation systems that provide fresh air under closed window conditions.

    The aforementioned measures are not exhaustive and alternative designs may be approved by the City, provided that a qualified Acoustical Consultant submits information demonstrating that the alternative design(s) will achieve and maintain the specific targets for outdoor activity areas and interior spaces.

- **NS-1-h: Interior Noise Level Requirement.** Comply with the State Code requirement that any new multifamily residential, hotel, or dorm buildings must be designed to incorporate noise reduction measures to meet the 45 dB L_{dn} interior noise criterion, and apply this standard as well to all new single-family residential and noise sensitive uses.

- **NS-1-i: Mitigation by New Development.** Require an acoustical analysis where new development of industrial, commercial or other noise generating land uses (including transportation facilities such as roadways, railroads, and airports) may result in noise levels that exceed the noise level exposure criteria established by Tables G and H to determine impacts, and require developers to mitigate these impacts in conformance with Tables G and H as a condition of permit approval through appropriate means. Noise mitigation measures may include:
    - The screening of noise sources such as parking and loading facilities, outdoor activities, and mechanical equipment;
    - Providing increased setbacks for noise sources from adjacent dwellings;
    - Installation of walls and landscaping that serve as noise buffers;
    - Installation of soundproofing materials and double-glazed windows; and
    - Regulating operations, such as hours of operation, including deliveries and trash pickup.

Table H: Stationary Noise Sources

	Daytime (7:00 a.m. – 10:00 p.m.)	Nighttime (10:00 p.m. – 7:00 a.m.)
Hourly Equivalent Sound Level (L_{eq}), dBA	50	45
Maximum Sound Level (L_{max}), dBA	70	65

Notes:
[1] The Department of Development and Resource Management Director, on a case-by-case basis, may designate land uses other than those shown in this table to be noise-sensitive, and may require appropriate noise mitigation measures.
[2] As determined at outdoor activity areas. Where the location of outdoor activity areas is unknown or not applicable, the noise exposure standard shall be applied at the property line of the receiving land use. When ambient noise levels exceed or equal the levels in this table, mitigation shall only be required to limit noise to the ambient plus five dB.
Source: City of Fresno (December 2014).

Alternative acoustical designs that achieve the prescribed noise level reduction may be approved by the City, provided a qualified Acoustical Consultant submits information demonstrating that the alternative designs will achieve and maintain the specific targets for outdoor activity areas and interior spaces. As a last resort, developers may propose to construct noise walls along roadways when compatible with aesthetic concerns and neighborhood character. This would be a developer responsibility, with no City funding.

- **NS-1-j: Significance Threshold.** Establish, as a threshold of significance for the City's environmental review process, that a significant increase in ambient noise levels is assumed if the project would increase noise levels in the immediate vicinity by 3 dB L_{dn} or CNEL or more above the ambient noise limits established in this General Plan Update.

- **NS-1-k: Proposal Review.** Review all new public and private development proposals that may potentially be affected by or cause a significant increase in noise levels, per Policy NS-1-i, to determine conformance with the policies of this Noise Element. Require developers to reduce the noise impacts of new development on adjacent properties through appropriate means.

- **NS-1-m: Transportation Related Noise Impacts.** For projects subject to City approval, require that the project sponsor mitigate noise created by new transportation and transportation-related stationary noise sources, including roadway improvement projects, so that resulting noise levels do not exceed the City's adopted standards for noise-sensitive land uses.

- **NS-1-n: Best Available Technology.** Require new noise sources to use best available control technology to minimize noise emissions.

NS-1-o: Sound Wall Guidelines. Acoustical studies and noise mitigation measures for projects shall specify the heights, materials, and design for sound walls and other noise barriers. Aesthetic considerations shall also be addressed in these studies and mitigation measures such as variable noise barrier heights, a combination of a landscaped berm with wall, and reduced barrier height in combination with increased distance or elevation differences between noise source and noise receptor, with a maximum allowable height of 15 feet. The City will develop guidelines for aesthetic design measures of sound walls, and may commission area wide noise mitigation studies that can

serve as templates for acoustical treatment that can be applied to similar situations in the urban area.

City of Fresno Municipal Code

Section 10-101 of the City's Municipal Code[2] contains the City's Noise Ordinance, which establishes excessive noise guidelines and exemptions. Standards are set for ambient noise based on district type (residential, commercial, and industrial) and time of day, as shown in Table I below.

Table I: Ambient Noise Standards

District	(7:00 a.m. – 7:00 p.m.)	(7:00 p.m. to 10:00 p.m.)	(10:00 p.m. – 7:00 a.m.)
Residential	60	55	50
Commercial	65	65	60
Industrial	70	70	70

Source: City of Fresno (May 2019).

The Municipal Code also addresses construction activity noise and states that construction activity noise is exempt from the noise standards when work takes place between the hours of 7:00 a.m. and 10:00 p.m. on any day except Sunday.

THRESHOLDS OF SIGNIFICANCE

The State CEQA Guidelines indicate that a project would have a significant impact on noise if it would result in:

- Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies;
- Generation of excessive groundborne vibration or groundborne noise levels; or
- 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, expose people residing or working in the project area to excessive noise levels.

[2] Fresno, City of, 2019. *Fresno, California – Code of Ordinances*. May 21.

OVERVIEW OF THE EXISTING NOISE ENVIRONMENT

This section describes the existing noise environment in the vicinity of the project site. Noise monitoring and traffic noise modeling were used to quantify existing noise levels at the project site.

OVERVIEW OF THE EXISTING NOISE ENVIRONMENT

Existing noise levels in the City are primarily generated by transportation noise sources. Vehicular traffic noise is the dominant source in most areas, but industrial activity is also a significant source of environmental noise in the local area surrounding the project area. Aircraft and rail line operations may also be audible at times in the vicinity of the project site.

Existing Traffic Noise

Motor vehicles with their distinctive noise characteristics are a major source of noise in Fresno. The amount of noise varies according to many factors, such as volume of traffic, vehicle mix (percentage of cars and trucks), average traffic speed, and distance from the observer. Major contributing roadway noise sources in the project vicinity include North Avenue, East Avenue, and Central Avenue.

Existing roadway traffic noise levels in the project vicinity were assessed using the Federal Highway Administration (FHWA) highway traffic noise prediction model (FHWA RD-77- 108). This model uses a typical vehicle mix for urban/suburban areas in California and requires parameters, including traffic volumes, vehicle speed, and roadway geometry, to compute typical equivalent noise levels during daytime, evening, and nighttime hours. The resultant noise levels are weighted and summed over 24-hour periods to determine the CNEL values. Existing traffic noise contours along modeled roadway segments are shown in Table J. FWHA modeling was based on existing traffic conditions as documented in the *Traffic Impact Analysis RP East Industrial Development* (JLB Traffic Engineering, Inc. 2019) and the project's *Trip Generation and Traffic Impact Study Screening Analysis* (EPD Solutions, Inc. 2022) (Project Traffic Analysis). These noise levels represent the worst-case scenario, which assumes that no shielding is provided between the traffic and the location where the noise contours are drawn as well as all traffic entering and exiting the site on E. North Avenue. Appendix A provides the specific assumptions used in developing these noise levels and model printouts.

Existing Aircraft Noise

Airport related noise levels are primarily associated with aircraft engine noise made while aircraft are taking off, landing, or running their engines while still on the ground. There are two public airports in the City of Fresno, Fresno-Yosemite International Airport and Fresno Chandler Executive Airport, and one private airport open to public use, Sierra Sky Park. The closest airport to the project site is Fresno Chandler Executive Airport, which is located approximately 3.7 miles northwest of the project site. In addition, Fresno-Yosemite International Airport is located approximately 6.7 miles northeast of the project site and Sierra Sky Park is located approximately 11.5 miles northwest of the project site. Due to the distance of the project site to from these airports, the project site lies beyond the 60 dBA CNEL noise contours of each of these airports. Thus, aircraft activities are not a

significant noise source at the project site. Impacts associated with aircraft noise are not further discussed within this analysis.

Existing Rail Noise

Railroad activity in Fresno primarily occurs along two rail corridors; however there are also several spur lines. Warning horns generally are signaled within one-quarter mile of a grade crossing, although the area around the Community Regional Medical Center in downtown is designated as a quiet zone. Where grade crossings exist, and warning horns and crossing alarms are signaled, individual single event noise levels associated with a train generally reach 105 dBA to 110 dBA at a distance of 100 feet from the track centerline. Away from grade crossings, train pass-by noise levels are lower, typically 85 dBA to 90 dBA at a distance of 100 feet.[3] The nearest rail line is located approximately 1.3 miles east of the project site.

Table J: Existing Traffic Noise Levels Without Project

Roadway Segment	ADT	Centerline to 70 dBA CNEL (feet)	Centerline to 65 dBA CNEL (feet)	Centerline to 60 dBA CNEL (feet)	CNEL (dBA) 50 feet from Centerline of Outermost Lane
North Avenue - between Cherry Avenue and East Avenue	5,900	< 50	57	115	63.1

Source: JLB Traffic Engineering, Inc. (June 2019)
Note: Traffic noise within 50 feet of the roadway centerline should be evaluated with site-specific information.
ADT = average daily traffic
CNEL = Community Noise Equivalent Level
dBA = A-weighted decibels

Existing Sensitive Receptors

Certain land uses are considered more sensitive to noise than others. Examples of these land uses include residential areas, educational facilities, hospitals, childcare facilities, and senior housing. The project site is primarily surrounded by industrial uses. For the purposes of this analysis, the surrounding noise receptors are the existing DMV office, approximately 120 feet west of the project boundary, and the existing religious use at 3060 S. Cherry Street, approximately 1,100 feet to the west of the project boundary.

[3] Fresno, City of, 2014. *op. cit.*

PROJECT IMPACTS

SHORT-TERM CONSTRUCTION NOISE IMPACTS

Two types of short-term noise impacts could occur during the construction of the proposed project. First, construction crew commutes and the transport of construction equipment and materials to the site for the proposed project would incrementally increase noise levels on access roads leading to the site. Although there would be a relatively high single-event noise-exposure potential causing intermittent noise nuisance (passing trucks at 50 ft would generate up to 84 dBA L_{max}), the effect on longer-term ambient noise levels would be small when compared to existing daily traffic volumes on E. North Avenue. Because construction-related vehicle trips would not approach existing daily traffic volumes, traffic noise would not increase by 3 dBA CNEL. A noise level increase of less than 3 dBA would not be perceptible to the human ear in an outdoor environment. Therefore, short-term, construction-related impacts associated with worker commute and equipment transport to the project site would be less than significant.

The second type of short-term noise impact is related to noise generated during excavation, grading, and building erection on the project site. Construction is completed in discrete steps, each of which has its own mix of equipment and, consequently, its own noise characteristics. These various sequential phases would change the character of the noise generated on the site and, therefore, the noise levels surrounding the site as construction progresses. Despite the variety in the type and size of construction equipment, similarities in the dominant noise sources and patterns of operation allow construction-related noise ranges to be categorized by work phase. Table K lists typical construction equipment noise levels recommended for noise impact assessments, based on a distance of 50 ft between the equipment and a noise receptor, taken from the FHWA *Roadway Construction Noise Model* (FHWA 2006).

In addition to the reference maximum noise level, the usage factor provided in Table K is used to calculate the hourly noise level impact for each piece of equipment based on the following equation:

$$L_{eq}(equip) = E.L. + 10\log(U.F.) - 20\log\left(\frac{D}{50}\right)$$

where: $L_{eq}(equip)$ = L_{eq} at a receiver resulting from the operation of a single piece of equipment over a specified time period.

E.L. = noise emission level of the particular piece of equipment at a reference distance of 50 ft.

U.F. = usage factor that accounts for the fraction of time that the equipment is in use over the specified period of time.

D = distance from the receiver to the piece of equipment.

Table K: Typical Construction Equipment Noise Levels

Equipment Description	Acoustical Usage Factor (%)[1]	Maximum Noise Level (L_{max}) at 50 Feet[2]
Auger Drill Rig	20	84
Backhoes	40	80
Compactor (ground)	20	80
Compressor	40	80
Cranes	16	85
Dozers	40	85
Dump Trucks	40	84
Excavators	40	85
Flat Bed Trucks	40	84
Forklift	20	85
Front-end Loaders	40	80
Graders	40	85
Impact Pile Drivers	20	95
Jackhammers	20	85
Paver	50	77
Pickup Truck	40	55
Pneumatic Tools	50	85
Pumps	50	77
Rock Drills	20	85
Rollers	20	85
Scrapers	40	85
Tractors	40	84
Trencher	50	80
Welder	40	73

Source: FHWA Roadway Construction Noise Model User's Guide, Table 1 (FHWA 2006).
Note: Noise levels reported in this table are rounded to the nearest whole number.
[1] Usage factor is the percentage of time during a construction noise operation that a piece of construction equipment is operating at full power.
[2] Maximum noise levels were developed based on Specification 721.560 from the Central Artery/Tunnel program to be consistent with the City of Boston's Noise Code for the "Big Dig" project.
FHWA = Federal Highway Administration
L_{max} = maximum instantaneous sound level

Each piece of construction equipment operates as an individual point source. Using the following equation, a composite noise level can be calculated when multiple sources of noise operate simultaneously:

$$Leq\ (composite) = 10 * \log_{10}\left(\sum_{1}^{n} 10^{\frac{Ln}{10}}\right)$$

Using the equations from the methodology above, the reference information in Table K, and the construction equipment list provided, the composite noise level of each construction phase was calculated. The project construction composite noise levels at a distance of 50 feet would range from 81 dBA L_{eq} to 87 dBA L_{eq} with the highest noise levels occurring during the grading phase.

Once composite noise levels are calculated, reference noise levels can then be adjusted for distance using the following equation:

$$Leq\ (at\ distance\ X) = Leq\ (at\ 50\ feet) - 20 * \log_{10}\left(\frac{X}{50}\right)$$

In general, this equation shows that doubling the distance would decrease noise levels by 6 dBA while halving the distance would increase noise levels by 6 dBA.

Table L shows the nearest sensitive uses to the project site, their distance from the center of construction activities, and composite noise levels expected during construction. These noise level projections do not take into account intervening topography or barriers. Construction equipment calculations are provided in Appendix B.

Table L: Potential Construction Noise Impacts at Nearest Receptor

Receptor (Location)	Composite Noise Level (dBA L_{eq}) at 50 feet[1]	Distance (feet)	Composite Noise Level (dBA L_{eq})
DMV Commercial Office (West)	87	575	66
Religious Use (West)		1,480	58

Source: Compiled by LSA (2022).

[1] The composite construction noise level represents the grading phase which is expected to result in the greatest noise level as compared to other phases.

dBA L_{eq} = average A-weighted hourly noise level

While construction noise will vary, it is expected that composite noise levels during construction at the nearest off-site sensitive uses to the north would reach 66 dBA L_{eq}. These predicted noise levels would only occur when all construction equipment is operating simultaneously; and therefore, are assumed to be rather conservative in nature. While construction-related short-term noise levels have the potential to be higher than existing ambient noise levels in the project area under existing conditions, the noise impacts would no longer occur once project construction is completed.

As stated above, noise impacts associated with construction activities are regulated by the City's noise ordinance. The proposed project will be required to comply with the construction hours specified in the City's Noise Ordinance, which states that construction activities are allowed between 7:00 a.m. and 10:00 p.m., Monday through Saturday. Construction is not permitted on Sundays.

As it relates to off-site uses, construction-related noise impacts would remain below the 90 dBA L_{eq} and 100 dBA L_{eq} 1-hour construction noise level criteria as established by the FTA for residential and industrial land uses, respectively, for the average daily condition as modeled from the center of the project site and therefore would be considered less than significant.

Best Construction Practices

In addition to compliance with the City's Municipal Code allowed hours of construction, the following best construction practices would further minimize construction noise impacts:

- The project construction contractor shall equip all construction equipment, fixed or mobile, with properly operating and maintained noise mufflers consistent with manufacturer's standards.

- The project construction contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the project site whenever feasible.

SHORT-TERM CONSTRUCTION VIBRATION IMPACTS

This construction vibration impact analysis discusses the level of human annoyance using vibration levels in VdB and assesses the potential for building damages using vibration levels in PPV (in/sec). This is because vibration levels calculated in RMS are best for characterizing human response to building vibration, while vibration level in PPV is best for characterizing potential for damage.

Table M shows the PPV and VdB values at 25 ft from the construction vibration source. As shown in Table M, bulldozers and other heavy-tracked construction equipment (expected to be used for this project) generate approximately 0.089 PPV in/sec or 87 VdB of ground-borne vibration when measured at 25 ft, based on the FTA Manual. The distance to the nearest buildings for vibration impact analysis is measured between the nearest off-site buildings and the project construction boundary (assuming the construction equipment would be used at or near the project setback line).

Table M: Vibration Source Amplitudes for Construction Equipment

Equipment	Reference PPV/L_V at 25 ft	
	PPV (in/sec)	L_V (VdB)[1]
Pile Driver (Impact), Typical	0.644	104
Pile Driver (Sonic), Typical	0.170	93
Vibratory Roller	0.210	94
Hoe Ram	0.089	87
Large Bulldozer[2]	**0.089**	**87**
Caisson Drilling	0.089	87
Loaded Trucks[2]	**0.076**	**86**
Jackhammer	0.035	79
Small Bulldozer	0.003	58

Source: *Transit Noise and Vibration Impact Assessment Manual* (FTA 2018).
[1] RMS vibration velocity in decibels (VdB) is 1 µin/sec.
[2] Equipment shown in **bold** is expected to be used on site.
µin/sec = microinches per second
ft = foot/feet
FTA = Federal Transit Administration
in/sec = inch/inches per second
L_V = velocity in decibels
PPV = peak particle velocity
RMS = root-mean-square
VdB = vibration velocity decibels

The formulae for vibration transmission are provided below and Table N below provides a summary of off-site construction vibration levels.

$$L_vdB\ (D) = L_vdB\ (25\ ft) - 30\ Log\ (D/25)$$

$$PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$$

As shown in Table F, the FTA guidelines indicate that for a non-engineered timber and masonry building, the construction vibration damage criterion is 0.2 in/sec in PPV. Based on the information provide in Table N, vibration levels are expected to approach 0.008 in/sec in PPV at the surrounding structures and would be below the 0.2 PPV in/sec threshold.

Table N: Summary of Construction Vibration Levels

Land Use	Direction	Equipment	Reference Vibration Level (VdB) at 25 ft	Reference Vibration Level (PPV) at 25 ft	Distance (ft)[1]	Maximum Vibration Level (VdB)	Maximum Vibration Level (PPV)
Industrial	West	Large Bulldozers	87	0.089	120	67	0.008

Source: Compiled by LSA (2022).

[1] Distances reflect the closest single-family residence to the construction equipment in each direction. All other homes in a given direction would experience lower vibration levels.

ft = foot/feet
FTA = Federal Transit Administration
in/sec = inch/inches per second
PPV = peak particle velocity
VdB = vibration velocity decibels

As shown in Table E above, the threshold at which vibration levels would result in annoyance would be 84 VdB for commercial and office type uses. Based on the information provided in Table N, vibration levels are expected to approach 67 VdB at the industrial office uses to the west and would not exceed the annoyance thresholds.

Other building structures surrounding the project site are farther away and would experience further reduced vibration. Therefore, no construction vibration impacts would occur. No vibration reduction measures are required.

LONG-TERM OFF-SITE TRAFFIC NOISE IMPACTS

As a result of the implementation of the proposed project, off-site traffic volumes on surrounding roadways have the potential to increase. The proposed project trips generated were obtained from the Project Traffic Analysis. The proposed project would generate 721 daily trips. With this additional traffic trips, the project-related traffic noise increase would be 0.5 dBA. Because the increase is less than 1 dBA, this noise level increase would not be perceptible to the human ear in an outdoor environment. Therefore, no traffic noise impacts from project-related traffic on off-site sensitive receptors would occur. No noise reduction measures are required.

LONG-TERM TRAFFIC-RELATED VIBRATION IMPACTS

The proposed project would not generate vibration levels related to on-site operations. In addition, vibration levels generated from project-related traffic on the adjacent roadways are unusual for on-road vehicles because the rubber tires and suspension systems of on-road vehicles provide vibration isolation. Vibration levels generated from project-related traffic on the adjacent roadways would be less than significant and no mitigation measures are required.

LONG-TERM OFF-SITE STATIONARY NOISE IMPACTS

Adjacent off-site land uses would be potentially exposed to stationary-source noise impacts from the proposed on-site rooftop equipment, truck deliveries, truck maintenance facility, and loading and unloading activities. The potential noise impacts to off-site sensitive land uses from the proposed activities are discussed below. To provide a conservative analysis, it is assumed that operations would occur equally during all hours of the day and that each loading dock would be always active. To determine the future noise impacts from project operations to the noise sensitive uses, a 3-D noise model, SoundPLAN, was used to incorporate the site topography, and shielding from other buildings. A graphic representation of the operational noise impacts is presented in Appendix C.

Rooftop Mechanical Equipment

The project would have various rooftop mechanical equipment including HVAC and evaporator units on the proposed building. To be conservative, it is assumed the equipment could operate 24 hours per day and would generate sound power levels (SPL) of up to 98.6 dBA SPL, based on data provided by the project engineer.

Air Nozzle, Torque Gun, Vehicle Lift

These pieces of equipment would be located in the truck maintenance area and are used to provide maintenance to vehicles that access the project site. The operations are similar to a typical auto mechanic garage. The sound-power levels for these pieces of equipment are 113.0 dBA SPL, 105.4 dBA SPL, and 92.4 dBA SPL, respectively based on measurements gathered by LSA. To present a conservative assessment, it is assumed that mechanical equipment could operate for more than 30 minutes in a given hour.

Truck Arrivals and Departures

Noise levels generated by delivery trucks arriving and departing the project site would be similar to noise readings taken by LSA (*Operational Noise Impact Analysis for Richmond Wholesale Meat Distribution Center* [LSA 2016]). Delivery trucks arrive and departing would access the site via E. North Avenue and approach the loading docks along the western portion of the project site. During this process, noise levels are associated with the truck engine noise, air brakes, and back-up alarms while the truck is backing into the dock which generate a noise level of 76.3 dBA L_{eq} at 20 ft. These noise levels would occur for a shorter period of time (less than 5 minutes). To present a conservative assessment, it is assumed that truck arrivals and departure activities could occur for more than 30 minutes in a given hour.

Truck Loading and Unloading Activities

Noise levels generated by delivery trucks would be similar to noise readings from truck loading and unloading activities, which generate a noise level of 75 dBA L_{eq} at 20 ft based on measurements taken by LSA (*Operational Noise Impact Analysis for Richmond Wholesale Meat Distribution Center* [LSA 2016]). Delivery trucks would arrive on site and maneuver their trailers so that trailers would be parked at the loading docks. Once at the loading dock, equipment similar to electric forklifts would be used to load and unload product. To present a conservative assessment, it is assumed that

unloading activities could occur at all docks simultaneously for a period of more than 30 minutes in a given hour.

Table O below shows the combined hourly noise levels generated by project activities at the closest off-site land uses. The project-related noise level impacts would range from 41.7 dBA L_{eq} to 51.8 dBA L_{eq} at the surrounding sensitive receptors. Because the project has the potential to operation 24 hours a day and would be continuous during any given day, these levels would be below the City's more restrictive nighttime commercial use ambient noise standard of 60 dBA L_{eq}. While the project noise level impact assessment was completed to show compliance with nighttime noise level standards, the commercial uses are likely to be open during daytime and evening hours. Because project noise levels would not exceed the City's ambient noise standards, the impact would be less than significant and no noise reduction measures are required.

Table O: Commercial Use Exterior Noise Level Impacts

Receptor	Direction	Nighttime Ambient Noise Level Standard (dBA L_{eq})	Project Generated Noise Levels (dBA L_{eq})	Potential Operational Noise Impact?
DMV Office	West	60.0	51.8	No
Religious Use	West	60.0	41.7	No

Source: Compiled by LSA (2022).
dBA = A-weighted decibels
L_{eq} = equivalent noise level

CONCLUSION

Based on the analysis presented above, although construction noise levels would be higher than existing ambient noise levels; however, construction activities would be required to comply with the City's Noise Ordinance, which would limit construction activities to daytime hours and would reduce potential construction period noise impacts for the indicated sensitive receptors to less-than-significant levels. As discussed above, long-term operation of the proposed project would also not create a significant increase in traffic noise or stationary source noise, including noise associated with HVAC equipment, parking lot activities, truck maintenance operations and truck delivery and loading/unloading activities. Results of the construction vibration analysis conclude that during construction of the proposed project, vibration levels at the closest structures from construction equipment would not exceed the FTA threshold. Additionally, once constructed, the proposed project would not contain uses that would generate groundborne vibration. The proposed project would also not result in the exposure of people residing or working in the project area to excessive aircraft-related noise levels.

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APPENDIX A

FHWA NOISE MODEL PRINTOUTS

TABLE Existing Traffic Volumes-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/27/2022
ROADWAY SEGMENT: North Avenue - between Cherry Avenue and East Avenue
NOTES: RCCB Industrial Project - Existing Traffic Volumes

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5896 SPEED (MPH): 45 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.09

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL	70 CNEL	65 CNEL	60 CNEL	55 CNEL
	0.0	57.4	114.9	243.2

TABLE Existing + Project Traffic Volumes-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 03/27/2022
ROADWAY SEGMENT: North Avenue - between Cherry Avenue and East Avenue
NOTES: RCCB Industrial Project - Existing + Project Traffic Volumes

---

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6617 SPEED (MPH): 45 GRADE: .5

	TRAFFIC DISTRIBUTION PERCENTAGES		
	DAY	EVENING	NIGHT
AUTOS	75.51	12.57	9.34
M-TRUCKS	1.56	0.09	0.19
H-TRUCKS	0.64	0.02	0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

---

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.59

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL			
70 CNEL	65 CNEL	60 CNEL	55 CNEL
0.0	61.2	123.7	262.5

APPENDIX B

CONSTRUCTION NOISE LEVEL CALCULATIONS

Construction Calculations

Phase: Site Preparation

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Dozer	3	82	40	50	0.5	82	83
Front End Loader	4	79	40	50	0.5	79	81
					Combined at 50 feet	**84**	**85**
					Combined at Receptor 575 feet	**63**	**64**
					Combined at Receptor 1480 feet	**54**	**56**

Phase: Grading

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Excavator	2	81	40	50	0.5	81	80
Grader	1	85	40	50	0.5	85	81
Dozer	1	82	40	50	0.5	82	78
Front End Loader	2	79	40	50	0.5	79	78
Scraper	2	84	40	50	0.5	84	83
					Combined at 50 feet	**90**	**87**
					Combined at Receptor 575 feet	**68**	**66**
					Combined at Receptor 1480 feet	**60**	**58**

Phase:Building Construstion

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Crane	1	81	16	50	0.5	81	73
Man Lift	3	75	20	50	0.5	75	73
Generator	1	81	50	50	0.5	81	78
Front End Loader	3	79	40	50	0.5	79	80
Welder / Torch	1	74	40	50	0.5	74	70
					Combined at 50 feet	**86**	**83**
					Combined at Receptor 575 feet	**65**	**62**
					Combined at Receptor 1480 feet	**56**	**54**

Phase: Paving

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Concrete Mixer	1	85	40	50	0.5	85	81
Concrete Pump	1	82	40	50	0.5	82	78
Paver	2	89	10	50	0.5	89	82
Roller	2	80	20	50	0.5	80	76
					Combined at 50 feet	**91**	**86**
					Combined at Receptor 575 feet	**70**	**65**
					Combined at Receptor 1480 feet	**62**	**56**

Phase: Architectural Coating

Equipment	Quantity	Reference (dBA) 50 ft Lmax	Usage Factor[1]	Distance to Receptor (ft)	Ground Effects	Noise Level (dBA) Lmax	Noise Level (dBA) Leq
Compressor	1	81	100	50	0.5	81	81
					Combined at 50 feet	**81**	**81**
					Combined at Receptor 445 feet	**62**	**62**
					Combined at Receptor 1480 feet	**52**	**52**

Sources: RCNM

[1]- Percentage of time that a piece of equipment is operating at full power.

dBA – A-weighted Decibels

Lmax- Maximum Level

Leq- Equivalent Level

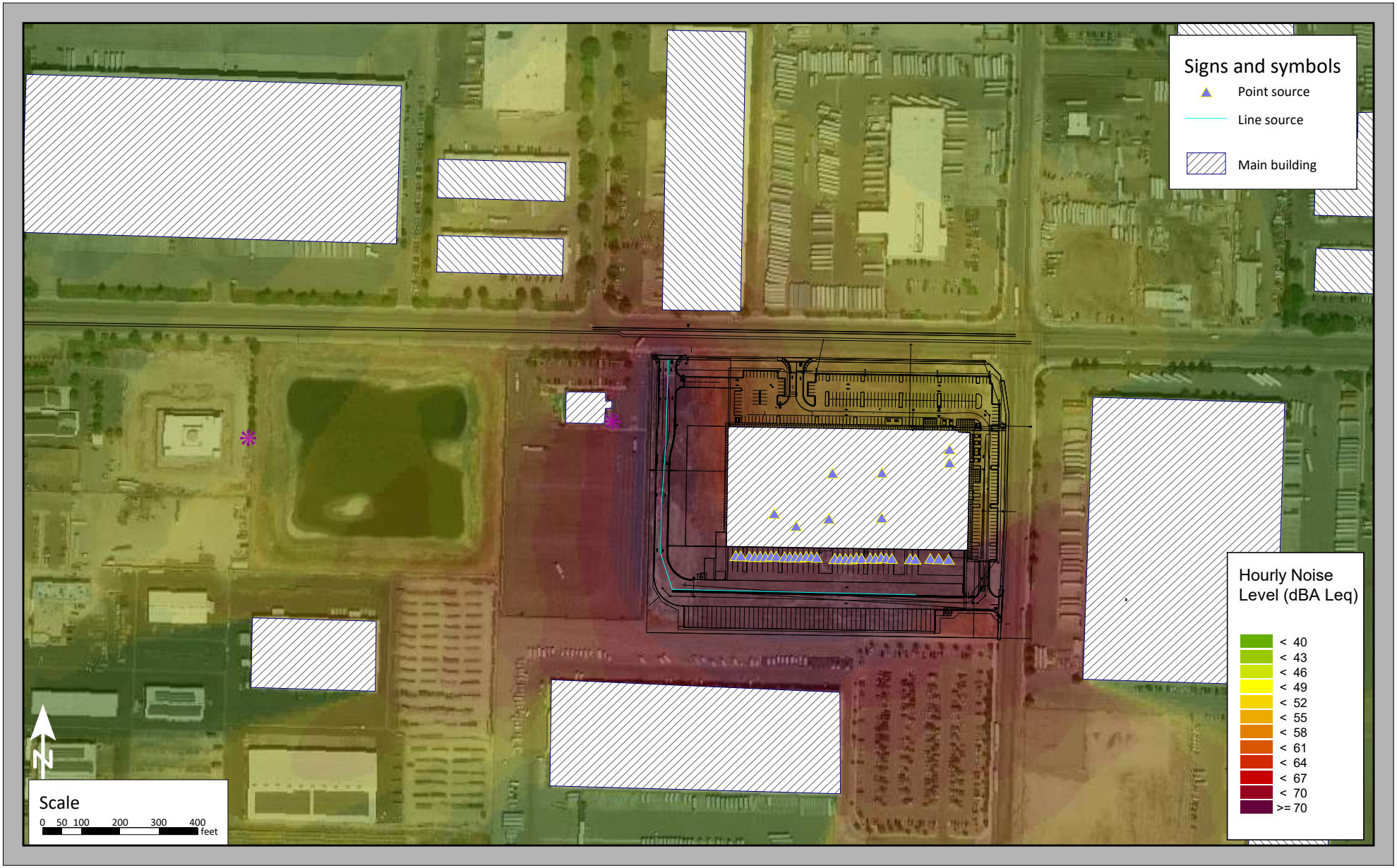
APPENDIX C

SOUNDPLAN NOISE MODEL PRINTOUTS

Fresno Distribution Center Project

Project No. ESL2201

Project Operational Noise Levels



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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Undeveloped Property

791 & 998 East North Avenue
Fresno, CA 93725

PROJECT NUMBER Z054000296

PREPARED FOR:

Robert Greiber
Reyes Holdings, LLC
6250 North River Road
Rosemont, Illinois 60018

PREPARED BY:

Atlas Technical
1117 Lone Palm Ave, Suite 201B
Modesto, CA 95351

Report Date November 23, 2021
Site Visit Date October 21, 2021

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SIGNATURE PAGE

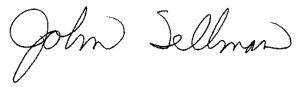
Project Information
Reyes Holdings, LLC 2021
Project No. Z054000296
791 & 998 East North Avenue
Fresno, CA 93725

Consultant Information
Atlas Technical
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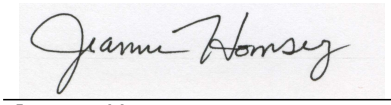
Reconnaissance Date October 21, 2021

Client Information
Reyes Holdings, LLC
6250 North River Road
Rosemont, Illinois 60018

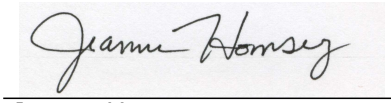
Environmental Professional Statement
We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in § 312.10 part of 40 CFR 312. We have the specific qualifications based on education, training and experience to assess a property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



John Sellman
Staff Geologist
Site Assessor



Jeanne Homsey
Branch Manager
Environmental Professional



Jeanne Homsey
Branch Manager
Senior Reviewer

1.0 EXECUTIVE SUMMARY

1.1 Subject Property and Area Description

The property for this Phase I Environmental Site Assessment (ESA) is located at the southwest corner of the intersection of East North Avenue and South East Avenue with addresses of 791 and 998 East North Avenue , Fresno, CA 93725 (the "Subject Property") and is unimproved. The surrounding area primarily consists of industrial and governmental buildings.

1.2 Findings, Opinions and Conclusions

ATC Group Services LLC doing business as (dba) Atlas Technical (Atlas) has performed this ESA of the Subject Property in conformance with the scope and limitations of ASTM Standard Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of *recognized environmental conditions* (RECs) or other notable findings in connection with the Subject Property.

Atlas observed evidence of soil stockpiled from an unknown origin during the site reconnaissance.

FINDINGS, OPINIONS AND CONCLUSIONS SUMMARY							
Section	**Report Section**	**Further Action?**	**REC**	**CREC**	**HREC**	**Other**	**Detail #/Description**
3.0	User Provided Information	No					
5.2	Historical Records Sources	No					
5.3	Prior Assessments	No					
5.4.1	Federal, State and Tribal Database Findings	No					
5.4.2	Local Environmental Records Sources	No					
6.2	Hazardous Substances	No					
6.2	Underground Storage Tanks	No					
6.2	Aboveground Storage Tanks	No					
6.2	Other Petroleum Products	No					
6.2	PCB Containing Electrical Equipment	No					
6.2	Hydraulic Equipment	No					
6.2	Unidentified Waste Containers	No					
6.2	Nonhazardous Solid Waste	No					
6.2	Wastewater	No					
6.2	Waste Pits, Ponds and Lagoons	No					
6.2	Drains	No					
6.2	Sumps/Ejectors	No					
6.2	Septic Systems	No					
6.2	Stormwater Management Systems	No					
6.2	Wells	No					
6.2	Other:	No				Notable Finding	A Pacific Gas & Electric Co. pipeline marker was noted on the eastern

Section	Report Section	Further Action?	REC	CREC	HREC	Other	Detail #/Description
							Subject Property boundary for a gas transmission pipeline. The pipeline is oriented in a north-south direction.
7.0	Subsurface Vapor Migration	No					
8.0	Interviews	No					
9.0	Wetlands Document Review	No					
9.0	Flood Plain Document Review	No					
9.0	Mold Screen	No					
9.0	Visual Observation of Suspect ACM	No					
9.0	Limited Asbestos Screen (LAS)	No					
9.0	Radon Document Review	No					
9.0	Radon Screen	No					
9.0	Visual Observation of Suspect Lead-based Paint (LBP)	No					
9.0	Lead-based Paint (LBP) Screen	No					
9.0	Lead in Drinking Water Data Review	No					
9.0	Lead in Drinking Water Screen	No					
9.0	Other Additional Service	No					

1.3 Significant Assumptions

The assumptions made by the *Environmental Professional* in this report were not considered to have a significant impact on the determination of *recognized environmental conditions* in connection with the Subject Property.

1.4 Significant Data Gaps

Data gaps may have been encountered during the performance of this ESA and are discussed in applicable sections of the report. According to the ASTM Standard Practice E1527-13, data gaps are only significant if "other information and/or professional experience raise reasonable concerns involving the data gap." No *significant data gaps* were identified in this report.

SIGNIFICANT DATA GAP SUMMARY		
	Report Section	Description
3.1	Environmental Liens or Activity and Use Limitations (AULs)	No significant data gap identified.
4.4	Current Uses of Adjoining Properties	No significant data gap identified.
5.1	Physical Setting Sources	No significant data gap identified.
5.2	Historical Records Sources	No significant data gap identified.
5.4	Standard Environmental Records	No significant data gap identified.
6.1	Methodology and Limiting Conditions	No significant data gap identified.
8.0	Interviews	No significant data gap identified.

1.5 Recommendations

Based on information collected from the Phase I ESA, Atlas Technical offers no recommendations for further assessment at this time.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this ESA was to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs) and *historical recognized environmental conditions* (HRECs) in connection with the Subject Property at the time of the site reconnaissance. This report documents the findings, opinions, and conclusions of the ESA.

2.2 Scope of Work

This ESA was conducted in accordance with the ASTM Standard Practice E1527-13, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions, or exceptions to ASTM Standard Practice E1527-13 are noted below or in the applicable sections of this report. The table below summarizes the scope of this ESA, including additional services for conditions beyond the scope of ASTM Standard Practice E1527-13 if authorized by Client. Additional details may be found in Section 10.0, References and Appendix J, Scope of Work.

ESA SCOPE OF WORK
Phase I ESA
Environmental Liens/AULs Land Title Search
Vapor Encroachment Screen
Supplemental Agency File Review
ESA ADDITIONAL SERVICES
Wetlands Document Review
Flood Plain Document Review
Mold Screen
Visual Observation of Suspect Asbestos-Containing Materials (ACM)
Radon Document Review
Visual Observation of Suspect Lead-based Paint (LBP)
Lead in Drinking Water Data Review

2.3 Limitations

Atlas has prepared this ESA report using reasonable efforts to identify RECs, CRECs and HRECs associated with hazardous substances or petroleum products in, on or at the Subject Property. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E1527-13 recognizes inherent limitations for ESAs, including, but not limited to:

- *Uncertainty Not Eliminated* - An ESA cannot completely eliminate uncertainty regarding the potential for RECs in connection with the Subject Property.
- *Not Exhaustive* - An ESA is not an exhaustive investigation of environmental conditions on the Subject Property.
- *Past Uses of the Subject Property* - ESA requirements only require review of standard historical sources at five year intervals. Therefore, past uses of Subject Property at less than five year intervals may not be discovered.

Users of this report should refer to ASTM Standard Practice E1527-13, Section 10.0 References, Section 11.0 Terminology and Appendix J Scope of Work for further information regarding limitations to the scope of this project.

This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions

determined by surface observations, interviews and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other Subject Property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

Atlas makes no representation or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Atlas makes no warranty that the Subject Property is free from existing or threatened pollution, and Atlas is not responsible for consequences or conditions arising from facts not fully disclosed to Atlas during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by Atlas's observations or other credible referenced sources reviewed during the assessment. Atlas shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Atlas makes no warranty, guarantee or certification regarding the quality, accuracy or reliability of any prior report provided to Atlas and discussed in this ESA report. Atlas expressly disclaims any and all liability for any errors or omissions contained in any prior reports provided to Atlas and discussed in this ESA report.

Atlas used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the Subject Property during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions and conclusions of this assessment, which are limited by the scope of the assessment, contractual agreement(s) with client, schedule demands, cost constraints, accessibility limitations and other factors associated with performing the ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of Atlas.

Atlas is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the Subject Property in this report, represent a comprehensive definition or precise delineation of Subject Property ownership or boundaries.

The "Environmental Professional Statement" in this report does not "certify" the findings contained in this report and is not a legal opinion of such *Environmental Professional*. The statement is intended to document Atlas's opinion that an individual meeting the qualifications of an *Environmental Professional* was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the *Environmental Professional* were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E1527-13, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of RECs in connection with the Subject Property. Failure by the User to fully comply with the

requirements may impact their ability to use this report to help qualify for *Landowner Liability Protections* (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Atlas makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

In accordance with the ASTM Standard Practice E1527-13, this report is presumed to be valid for a six-month period after the date of the site reconnaissance. If the report is older than 180 days, the following information must be updated in order for the report to be valid: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice E1527-13 and therefore, the entire report must be updated to reflect current conditions and Subject Property-specific information.

2.4 Special Terms and Conditions (User Reliance)

This report is for the use and benefit of, and may be relied upon by, Reyes Holdings, LLC, and any of its affiliates and their respective successors and assigns, in connection with a commercial real estate transaction involving the Subject Property. No third party is authorized to use this report for any purpose. Any use by or distribution of this report to third parties, without the express written consent of Atlas, is at the sole risk and expense of such third party.

3.0 USER PROVIDED INFORMATION

The following section summarizes information and documentation provided by Reyes Holdings, LLC (User) with regard to User Responsibilities outlined in ASTM Standard Practice E1527-13. Documentation may be found in Appendix D or as referenced elsewhere in this report.

3.1 Environmental Liens or Activity and Use Limitations (AULs)

The User provided no information regarding the existence of Subject Property environmental liens or AULs. Atlas contracted Environmental Data Resources (EDR) to perform an environmental lien search of land title records for the Subject Property (APNs 329-090-16 and 329-090-17). According to the report, no environmental liens or AULs were identified for the Subject Property. A copy of the report is included in Appendix G.

3.2 Specialized Knowledge or Experience of the User

The User provided no information based on specialized knowledge or experience regarding RECs associated with the Subject Property.

3.3 Significant Valuation Reduction for Environmental Issues

The User provided no information regarding a significant valuation reduction for environmental conditions associated with the Subject Property.

3.4 Owner, Property Manager, and Occupant Information

The Subject Property is located at the southwest corner of the intersection of East North Avenue and South East Avenue with addresses of 791 and 998 East North Avenue , Fresno, CA. Site access was coordinated through the property representative, Nick Audino.

3.5 Reason For Performing ESA

The User provided no specific information regarding the reason for performing this ESA. Per ASTM E1527-13, it was assumed that the reason was to assist the User with potentially qualifying for Landowner Liability Protections to CERCLA liability.

3.6 User Provided Documentation

The User provided no prior assessments or other documentation associated with environmental conditions in connection with the Subject Property.

4.0 SITE DESCRIPTION

4.1 Location and Legal Description

The Subject Property addresses are 791 and 998 East North Avenue, Fresno, Fresno County, California 93725. According to information obtained from Fresno County Assessor's Office, the Subject Property is comprised of two parcels of land identified as Property Identification Number(s), 329-090-16 and 329-090-17. A Site Vicinity Map is located in Appendix A. A Site Plan is located in Appendix B. Site Photographs are provided in Appendix C.

4.2 Area Description

The Subject Property is located in an area generally characterized by industrial and governmental agency use. Surface topography across the Subject Property is generally flat with a slight slope towards the northwest. The specific adjacent property uses are discussed in Section 4.4.

4.3 Property Improvements and Use

The Subject Property consists of approximately 14.8 acres of land characterized by vacant, undeveloped land. A Site Plan is present in Appendix B.

The following provides a general description of Subject Property use.

SUBJECT PROPERTY IMPROVEMENTS	
Improvement	**Description**
Size of Subject Property (approximate)	14.8 Acres
General Subject Property Use	Undeveloped
Public Roads	East North Avenue is adjacent to the north and South East Avenue is adjacent to the east.
Paved or Concrete Areas (including parking)	None
Unimproved Areas	Entire Subject Property is unimproved.
Landscaped Areas	None
Surface Water	None
Potable Water Source	City of Fresno provides service to the area.
Sanitary Sewer Utility/Septic	City of Fresno provides service to the area.
Storm Sewer Utility	City of Fresno provides service to the area.
Electrical Utility	Pacific Gas & Electric Co.
Natural Gas Utility	Pacific Gas & Electric Co.
Number of Buildings/Description	None
Current Occupancy Status	Vacant
Unoccupied Buildings/ Structures	N/A
Type of Use	Vacant, undeveloped land.

4.4 Current Uses of Adjoining Properties

The following summarizes current uses of the adjoining properties, including environmental conditions, features, or operations that were observed or suspected to be present.

Occupant(s) Name and Current Use	Address	Direction From Subject Property	Potential Environmental Conditions, Features or Operations
Toro Central Valley Trailer Repair	2945 S. Angus Ave. 2974 S. East Ave.	North	None
FedEx Ground	3151 S. East Ave.	South	None

Occupant(s) Name and Current Use	Address	Direction From Subject Property	Potential Environmental Conditions, Features or Operations
Kraft Foods Distribution Center	1055 E. North Ave.	East	None
California Department of Motor Vehicles	735 E. North Ave.	West	None
Husky Equipment Inc.	1038 E. North Ave.	Northeast	None

Based on a curbside reconnaissance of the surrounding area and documented regulatory status, the adjoining properties are not expected to pose an environmental concern or REC to the Subject Property.

5.0 RECORDS REVIEW

5.1 Physical Setting Sources

5.1.1 Topography

Based on the United States Geological Survey (USGS) 7.5-Minute Series Topographic Map, *Fresno South, California* Quadrangle, dated 1963, photorevised 1981, the Subject Property is located 279 feet above mean sea level (MSL). The Subject Property is relatively flat with a slight slope to the northwest and the surrounding area gently slopes toward the west. A copy of the topographic map is included in Appendix A.

5.1.2 Geology

The geology of the Fresno area in the vicinity of the property is depicted on the USGS Geologic Map of California, Fresno Sheet, dated 1965. The area is underlain by Great Valley fan deposits of Recent age.

More specific site geology would require a subsurface soil evaluation to verify actual soil types and conditions. Such an evaluation was beyond the scope of this assessment.

5.1.3 Soils

According to soils data compiled by EDR from digitized United States Department of Agriculture (USDA) maps and resources, the Subject Property is underlain by Hesperia sandy loam and fine sandy loam. Hesperia soils are characterized by moderate infiltration rates, are deep and moderately deep, moderately well and well drained soils with moderately coarse textures. Hesperia soils do not meet the criteria of a hydric soil. A typical profile of Hesperia soils includes zero to 42 inches below ground surface (bgs) of fine sandy loam, and 42 to 59 inches bgs of silt.

Atlas did observed stockpiled soil as discussed in Section 6.2. Atlas did not observe any other evidence of imported fill soils on the Subject Property during the site reconnaissance or during review of historical sources completed during the course of this assessment.

5.1.4 Hydrology

No past groundwater investigations have been identified for the Subject Property; thus, no site-specific groundwater information was available. However, regional groundwater flow direction is generally influenced by major hydrogeologic features such as a river or lake. Surface and/or bedrock topography may also influence regional groundwater flow direction. The available hydrogeologic information indicates that the presumed local groundwater flow direction is to the west. It should be noted that local geologic features may cause local groundwater flow direction to differ from the regional flow direction. Local hydraulic gradient at the Subject Property was interpreted based on a review of the *Fresno South, California* USGS Topographic Map. Therefore, in assessing potential external environmental impact, properties located directly east (presumed upgradient) of the Subject Property are of primary concern. Estimated groundwater levels and/or flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations, and can be more accurately determined through the installation of groundwater monitoring wells.

5.2 Historical Records Sources

Atlas's findings pertaining to Subject Property and surrounding area historical uses are presented in the following summary. Notable findings from historical sources are discussed below the table.

Interval gaps (greater than five years) were encountered during the research of historical use information for the Subject Property and surrounding area. However, based on the review of available historical sources, these data gaps did not have an impact on the REC determinations of this assessment and are not significant data gaps.

HISTORICAL USE SUMMARY				
Period	**Subject Property**	**Surrounding Area**	**Source(s)**	**Intervals/Comments**
Prior to 1940	Agricultural	Agricultural	Aerial Photographs, Topographic Maps, City / Street Directories	Earliest record identified was a topographic map dated 1923 depicting the property as undeveloped. Interval gaps of greater than five years identified (1924 to 1931). Property land use did not change across identified gaps; therefore, the identified interval gap is not considered significant.
1940 - 1960	Agricultural	Agricultural	Aerial Photographs, Topographic Maps, City / Street Directories	No interval gaps noted
1961 - 1980	Agricultural	Agricultural	Aerial Photographs, Topographic Maps, City / Street Directories	No interval gaps noted
1981 - 2000	Agricultural	Agricultural, Industrial	Aerial Photographs, City / Street Directories, Building Department Records, Zoning / Land Use Records	No interval gaps noted
2001 - present	Undeveloped	Undeveloped, Industrial	Aerial Photographs, Topographic Maps, City / Street Directories, Building Department Records, Zoning / Land Use Records, Property Tax Files	No interval gaps noted

According to the review of historical records, the Subject Property was agricultural or undeveloped land until the present, with a small cluster of buildings interpreted to be a rural residence depicted on Aerial Photographs in the northeast corner of the Subject Property through 1998. The buildings were likely demolished in late 1998 or 1999 according to building department records. Stockpiled soil located on the northwest portion of the site is first depicted in an aerial photograph in 2017 and remains depicted in the 2021 aerial photograph.

The surrounding area has historically been undeveloped or agricultural land until commercial development began in the 1990s. No significant use of hazardous substances or petroleum products were noted during the review of historical commercial operations in the surrounding area.

5.2.1 Aerial Photographs

Atlas reviewed available aerial photographs of the Subject Property and surrounding area as provided by EDR and the online resources, local assessor's database, Historic Aerials, and Google Earth. Available aerial photographs ranged from 1937 to 2021. The following are descriptions and interpretations from the aerial photograph review. Copies of reproducible aerial photographs are included in Appendix F.

AERIAL PHOTOGRAPH SUMMARY			
Year	**Scale**	**Subject Property**	**Surrounding Area**
1937	500	The Subject Property is depicted as agricultural with five buildings in the northeast corner, interpreted to be a rural residence with associated agricultural buildings. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences.
1946, 1950	500	The Subject Property is depicted as agricultural with five buildings in the northeast corner, interpreted to be a rural residence with associated agricultural buildings. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences. Two additional buildings are depicted to the north beyond the street, interpreted to be agricultural.
1957, 1962	500	The Subject Property is depicted as agricultural with six buildings and other outbuildings in the northeast corner, interpreted to be a rural residence with associated agricultural buildings. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences. Four buildings are depicted to the north along with animal pens, beyond the street, interpreted to be agricultural.
1967, 1973	500	The Subject Property is depicted as agricultural with six buildings and other outbuildings in the northeast corner, interpreted to be a rural residence with associated agricultural buildings. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences. Three buildings are depicted to the north along with animal pens which appear to be smaller than the previous photograph, beyond the street, interpreted to be agricultural.
1979, 1984, 1987	500	The Subject Property is depicted as agricultural with six buildings and other outbuildings in the northeast corner, interpreted to be a rural residence with associated agricultural buildings. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences. One building is depicted to the north along with animal pens which appear to be smaller than the previous photograph, beyond the street, interpreted to be agricultural.
1998	500	The Subject Property is depicted as agricultural with fewer buildings than previously depicted. There are two buildings and other outbuildings in the northeast corner, interpreted to be a rural residence. Row crops are planted south and west of the buildings.	Areas to the north, east, south, and west are depicted as agricultural land with small buildings to the north and east interpreted to be rural residences. One building is depicted to the northeast along with animal pens, beyond the street, interpreted to be agricultural. To the northwest is a large warehouse type building that matches the current configuration.

Year	Scale	Subject Property	Surrounding Area
2006	500	The Subject Property is depicted as undeveloped with buildings no longer depicted.	The area to the south and west is depicted as undeveloped. The buildings and animal pens are no longer depicted to the north and northeast. To the northwest is a large warehouse type building that matches the current configuration. A large warehouse building is depicted to the east which matches the current configuration.
2009	500	The Subject Property is depicted as undeveloped with buildings no longer depicted. Graded pathways are depicted that cross the property from north to south and east to west.	The area to the south and west is depicted as undeveloped with the same graded pathways extending from the Subject Property to the areas to the south and west. The area to the north is depicted as undeveloped. To the northwest is a large warehouse type building that matches the current configuration. A large warehouse building is depicted to the east which matches the current configuration.
2012	500	The Subject Property is depicted as undeveloped. Graded pathways are depicted that cross the property from north to south and east to west. The western portion appears to have been graded.	The area to the south is depicted as undeveloped with the same graded pathways extending from the Subject Property to the areas to the south and west. To the northwest is a large warehouse type building that matches the current configuration with the remainder of the area to the north is depicted as undeveloped. A large warehouse building is depicted to the east which matches the current configuration. To the northeast is a graded but unoccupied lot. A small building is depicted to the west surrounded by a paved parking lot is depicted to the west which matches the current configuration.
2016	500	The Subject Property is depicted as undeveloped.	To the northwest is a large warehouse type building that matches the current configuration and another medium size warehouse building is depicted to the north. A large warehouse building is depicted to the east which matches the current configuration. To the northeast is a graded lot with some vehicle parking. A small building is depicted to the west surrounded by a paved parking lot is depicted to the west which matches the current configuration. A large warehouse building is depicted to the south and parking lot which matches the current configuration.

Year	Scale	Subject Property	Surrounding Area
2017, 2021	500	The Subject Property is depicted as undeveloped. A soil stockpile is depicted on the northwest portion of the site.	To the northwest is a large warehouse type building that matches the current configuration and another medium size warehouse building is depicted to the north. A large warehouse building is depicted to the east which matches the current configuration. To the northeast is a graded lot with some vehicle parking. A small building is depicted to the west surrounded by a paved parking lot is depicted to the west which matches the current configuration. A large warehouse building is depicted to the south and parking lot which matches the current configuration.

5.2.2 Fire Insurance Maps

A search for fire insurance maps for the Subject Property and surrounding area was conducted by EDR. No such maps for the Subject Property and surrounding area were available. A Certified Sanborn Report is available in Appendix G.

5.2.3 Property Tax Files

Atlas reviewed information provided in the EDR Environmental Lien and AUL Search report, dated May 2021, for historical ownership information pertaining to the Subject Property. The table below presents the results of the historical ownership information. Documentation is included in Appendix G.

TAX RECORDS OWNERSHIP SUMMARY	
Owner	Date
Span Development, LLC	May 2014 to present
Timothy Mitchell and Firoz King Husein	prior to May 2014

5.2.4 Recorded Land Title Records

The acquisition of recorded land title records was not required by the scope of work for the Phase I ESA.

5.2.5 Historical USGS Topographic Maps

Atlas reviewed available historical USGS Topographic Maps for information regarding past uses of the Subject Property and surrounding area provided by EDR, and USGS Historical Topographic Map Explorer. The following are descriptions and interpretations from the topographic map review. Documentation is included in Appendix G.

TOPOGRAPHIC MAPS SUMMARY		
Year	Subject Property	Surrounding Area
1923, 1942	The Subject Property is depicted as undeveloped except for one small building in the northeast corner.	The surrounding area is depicted as undeveloped except for two small buildings to the east and northeast.
1946, 1947	The Subject Property is depicted as undeveloped except for three small buildings in the northeast corner.	The surrounding area is depicted as undeveloped except for five small buildings to the east, five small buildings to the northeast, and two small buildings to the north.

Year	Subject Property	Surrounding Area
1963, 1964	The Subject Property is depicted as undeveloped except for three small buildings in the northeast corner.	The surrounding area is depicted as undeveloped except for five small buildings to the east, three buildings to the northeast, and two larger buildings to the north and four small buildings.
1972, 1981	The Subject Property is depicted as undeveloped except for three small buildings in the northeast corner.	The surrounding area is depicted as undeveloped except for eight small buildings to the east, three buildings to the northeast, and two larger buildings to the north and four small buildings.
2012	Land use is not depicted.	Land use is not depicted other than street locations.

5.2.6 City Directories

Research regarding the availability of historical city directories was obtained from EDR. The following are descriptions and interpretations from the historical city directory review. Directories for the years 1932 through 2017, in approximate five-year intervals, were available for review. Documentation is included in Appendix G.

CITY DIRECTORY SUMMARY		
Year	**Subject Property**	**Surrounding Area**
1932, 1937, 1942, 1947, 1952, 1958	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - No listing
1962	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - East Avenue Grocery
1965	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Residential 3151 S. East Ave. - No listing 2974 S. East Ave. - Residential 2965 S. Angus Ave. - No listing 2953 S. East Ave. - East Avenue Grocery
1970, 1975	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - Residential 2965 S. Angus Ave. - No listing 2953 S. East Ave. - East Avenue Grocery
1980	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Residential 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - East Avenue Grocery
1986	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Residential 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - Mendes Trucking

Year	Subject Property	Surrounding Area
1990	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - Vacant
1994	791 E. North Ave. - Oneal N W 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - No listing
1996	791 E. North Ave. - Oneal N W 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - All Star Warehouse Inc. 2953 S. East Ave. - No listing
1999	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - All Star Warehouse & Distribution Inc. 2953 S. East Ave. - No listing
2002	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Kraft General Foods 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - All Star Warehouse Inc. 2953 S. East Ave. - No listing
2004	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - No listing 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - No listing
2009	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Kraft General Foods 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - New Star Packaging & Warehousing 2953 S. East Ave. - Advanced Truck Driving School
2014	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Kraft Foods 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - No listing

Year	Subject Property	Surrounding Area
2017	791 E. North Ave. - No listing 998 E. North Ave. - No listing	735 E. North Ave. - No listing 1055 E. North Ave. - Kraft Foods 3151 S. East Ave. - No listing 2974 S. East Ave. - No listing 2965 S. Angus Ave. - No listing 2953 S. East Ave. - Advanced Career Institute

5.2.7 Building Department Records

Atlas reviewed available historical building department records available from Fresno city files for information regarding past uses of the Subject Property and surrounding area. Permits were found for the address of 791 E. North Avenue. Two demolition permits were found dated 1998. a plumbing permit dated 1999. A grading permit dated 2010 and a site utility permit dated 2010 was also found. Documentation is included in Appendix L.

5.2.8 Zoning/Land Use Records

Atlas reviewed available historical zoning/land use records from the City of Fresno GIS Data Hub (https://gis-cityoffresno.hub.arcgis.com/) for information regarding past uses of the Subject Property and surrounding area. The current zoning is IH or Heavy Industrial and the previous zoning was M-3 or Heavy Industrial District. The parcels were reported to have been annexed to the City in July 1981.

5.2.9 EDR Exclusive Historical Records

Atlas reviewed potential "high-risk historical records" search results provided by EDR. The EDR Exclusive Historical Record database is composed of selected national historical collections of business directories, proprietary industry data, government agency archives, and other records including gas stations, dry cleaners, manufactured gas plants, landfills, and leaking underground storage tank sites that were available to EDR researchers.

No EDR Exclusive Historical Record database listings were available for the Subject Property or surrounding area.

5.2.10 Other Historical Sources

No other readily available historical sources were reviewed.

5.3 Prior Assessments

No prior assessment documentation was reviewed.

5.4 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by EDR of Shelton, Connecticut, was reviewed for information regarding reported use or release of hazardous substances and petroleum products on or near the Subject Property. Unless otherwise noted, the information provided by the regulatory agency database report and other sources referenced in this report were considered sufficient for REC, CREC, HREC, or *de minimis* condition determinations without conducting supplemental agency file reviews. Atlas also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence but potentially in the general area of the Subject Property, based on the partial street address, city, or zip code. Unmappable sites that Atlas identified as within the approximate minimum search distance from the Subject Property, based on the site reconnaissance and/or cross-referencing to mapped listings, are included in the discussion within this section. The complete regulatory agency database report may be found in Appendix E.

The following is a summary of the findings of the regulatory agency database review.

NR = Not Researched
TP = Target Property

SUMMARY OF FEDERAL, STATE AND TRIBAL DATABASE FINDINGS								
Regulatory Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
National Priority List (NPL)		1	0	0	0	0	NR	0
Proposed National Priority List Sites (Proposed NPL)		1	0	0	0	0	NR	0
Federal Superfund Liens (NPL LIENS)		1	0	0	0	0	NR	0
National Priority List Deletions (Delisted NPL)		1	0	0	0	0	NR	0
Corrective Action Report (CORRACTS)		1	0	0	0	0	NR	0
RCRA - Treatment, Storage and Disposal (RCRA-TSDF)		0.5	0	0	0	NR	NR	0
RCRA - Large Quantity Generators (RCRA-LQG)		0.25	0	2	NR	NR	NR	2
RCRA - Small Quantity Generators (RCRA-SQG)		0.25	2	1	NR	NR	NR	3
Engineering Controls Sites List (US ENG CONTROLS)		0.5	0	0	0	NR	NR	0
Emergency Response Notification System (ERNS)		TP	NR	NR	NR	NR	NR	0
Land Use Control Information System (LUCIS)		0.5	0	0	0	NR	NR	0
Superfund Enterprise Management System (SEMS)		0.5	0	0	0	NR	NR	0
Institutional Controls Sites List (US INST CONTROLS)		0.5	0	0	0	NR	NR	0
Superfund Enterprise Management System Archive (SEMS-ARCHIVE)		0.5	0	0	0	NR	NR	0
Federal Facility Site Information listing (FEDERAL FACILITY)		0.5	0	0	0	NR	NR	0
RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators) (RCRA-VSQG)		0.25	0	0	NR	NR	NR	0
RCRA - Non Generators / No Longer Regulated (RCRA NonGen / NLR)		0.25	2	10	NR	NR	NR	12
Underground Storage Tank Listing (FEMA UST)		0.25	0	0	NR	NR	NR	0
Solid Waste Information System (CA SWF/LF)		0.5	0	0	0	NR	NR	0

Regulatory Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Leaking Underground Fuel Tank Report (GEOTRACKER) (CA LUST)		0.5	0	2	2	NR	NR	4
Active UST Facilities (CA UST)		0.25	0	0	NR	NR	NR	0
Hazardous Substance Storage Container Database (CA HIST UST)		0.25	0	2	NR	NR	NR	2
Aboveground Petroleum Storage Tank Facilities (CA AST)		0.25	0	0	NR	NR	NR	0
Voluntary Cleanup Program Properties (CA VCP)		0.5	0	0	0	NR	NR	0
Cleaner Facilities (CA DRYCLEANERS)		0.25	0	1	NR	NR	NR	1
Considered Brownfieds Sites Listing (CA BROWNFIELDS)		0.5	0	0	0	NR	NR	0
Bond Expenditure Plan (CA CA BOND EXP. PLAN)		1	0	0	0	1	NR	1
"Cortese" Hazardous Waste & Substances Sites List (CA CORTESE)		0.5	0	1	1	NR	NR	2
SWEEPS UST Listing (CA SWEEPS UST)		0.25	0	1	NR	NR	NR	1
CERS HAZ WASTE (CA CERS HAZ WASTE)		0.25	3	6	NR	NR	NR	9
EnviroStor Database (CA ENVIROSTOR)		1	0	0	0	6	NR	6
Calsites Database (CA HIST CAL-SITES)		1	0	0	0	1	NR	1
Proposition 65 Records (CA NOTIFY 65)		1	0	0	0	2	NR	2
Recycler Database (CA SWRCY)		0.5	0	0	1	NR	NR	1
State Response Sites (CA RESPONSE)		1	0	0	0	1	NR	1
Hazardous Waste & Substance Site List (CA HIST CORTESE)		0.5	0	1	2	NR	NR	3
Facility Inventory Database (CA CA FID UST)		0.25	0	1	NR	NR	NR	1
California Environmental Reporting System (CERS) Tanks (CA CERS TANKS)		0.25	0	1	NR	NR	NR	1
Statewide SLIC Cases (GEOTRACKER) (CA CPS-SLIC)		0.5	0	0	1	NR	NR	1
CUPA Facility List (CA CUPA Listings)		0.25	6	10	NR	NR	NR	16
Leaking Underground Storage Tanks on Indian Land (INDIAN LUST)		0.5	0	0	0	NR	NR	0

Regulatory Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Underground Storage Tanks on Indian Land (INDIAN UST)		0.25	0	0	NR	NR	NR	0
Voluntary Cleanup Priority Listing (INDIAN VCP)		0.5	0	0	0	NR	NR	0

5.4.1 Federal, State and Tribal Agency Database Findings

The Subject Property was not identified in the following federal, state, and tribal agency databases searched.

Based on distance, topography, assumed groundwater gradient, current regulatory status, and/or the absence of reported releases, none of the sites listed in the federal agency databases are considered to represent a likely past, present or material threat of release in, on, or at the Subject Property. Given the physical setting characteristics of the Subject Property and surrounding area, supplemental agency file reviews were not warranted to verify the database report information.

5.4.2 Local Environmental Records Sources

Local Environmental Agency

Atlas conducted an online records search with the Fresno County Environmental Health Document Portal (https://www.fresnohealthinspections.org/). No records were found.

Fire Department

Atlas submitted a public records request with the City of Fresno Fire Department. The City responded that no such files were found.

Electrical Utility

Atlas confirmed that Pacific Gas & Electric Co. provides electricity to the Subject Property vicinity.

Water Utility

Atlas confirmed that the City of Fresno provides water services to the Subject Property vicinity.

Sewer Utility

Atlas confirmed that the City of Fresno provides sewer services to the Subject Property vicinity.

Other Local Environmental Records Sources

Regional Water Quality Control Board (RWQCB)

Atlas reviewed the Geotracker database (http://geotracker.waterboards.ca.gov/) for files for the property. No files were found for the Subject Property.

Department of Toxic Substances Control Board (DTSC)

Atlas reviewed the Envirostor database (http://www.envirostor.dtsc.ca.gov/public/) for files for the property. No files were found for the Subject Property.

San Joaquin Valley Air Pollution Control District (SJVAPCD)

Atlas submitted Public Information Request to the SJVAPCD. No files were found for the Subject Property.

No additional local environmental records sources were reviewed.

Oil and Gas Wells

Atlas conducted online research for the Subject Property and surrounding area for the presence of oil and gas wells or pipelines on the California Department of Conservation, Geologic Energy Management Division (CalGEM) website (https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx). According to online records and the CalGEM database, the Subject Property is not located within the boundaries of a current / historical oil/gas field. No current oil/gas wells were mapped on the Subject Property or in the surrounding area. A copy of the CalGEM map is included in Appendix L.

Per- and Polyfluoroalkyl Substances

Perfluoroalkyl and polyfluoroalkyl substances (PFAs) are a class of man-made chemicals which are widely used in industrial processes and in consumer products, including food contact surfaces (cookware, pizza boxes, fast food wrappers, etc.), polishes, waxes, paints, stain repellents, cleaning products, dust suppression for chrome plating, electronics manufacturing, oil and mining for enhanced recovery, and performance chemicals (hydraulic fluid, fuel additives, etc.). Direct release of PFAs or PFA products into the environment have occurred through the use of aqueous film forming foam (AFFF) in firefighting training and emergency response and releases from industrial facility, landfills, and wastewater treatment effluent. PFAs and their breakdown products are persistent in the environment and have known or suspected toxicity. Health effects associated with PFAs include liver, immune system, developmental, endocrine, metabolic and neurobehavioral toxicity, thyroid disease, diabetes, testicular and kidney cancer, and other ailments. PFAs are transported through air emissions, which then get deposited onto the surface and leach into soils and groundwater and/or get transported offsite as solid waste and are disposed of in landfills.

Atlas evaluated the current and former Subject Property and adjacent property uses for the potential of PFAs impacts to the subsurface in the Subject Property vicinity. Atlas utilized the Environmental Working Group PFAS Contamination in the U.S. Map, https://www.ewg.org/interactive-maps/pfas_contamination/map/, to review for past use of the site as it relates to landfills and industrial activities. Atlas did not identify information related to the spillage or disposal of PFA-containing substances at the Subject Property or the adjacent properties.

No additional local environmental records sources were reviewed.

6.0 SITE RECONNAISSANCE

The following is a summary of the date, participants, and weather conditions associated with the site reconnaissance.

SITE OBSERVATION SUMMARY	
Visit Details	
Date(s)	October 21, 2021
Atlas Assessor(s)	John Sellman, Project Geologist
Escorted By	Unescorted
General Weather Conditions	Partly cloudy, good visibility, 65°F

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of: the Subject Property and improvements; adjoining sites as viewed from the Subject Property; and, the surrounding area based on visual observations made during the trip to and from the Subject Property as described below.

METHODOLOGY AND LIMITING CONDITIONS		
Subject Property Areas	**Methodology**	**Notes**
Exterior	Atlas observed the exterior conditions, improvements and operations of the Subject Property from safely accessible common areas, roads and/or from the understood perimeter boundaries. Significant exterior features were observed when safely accessible.	No limiting conditions
Adjoining Properties	Atlas observed properties adjoining the Subject Property from safely accessible adjacent public roads and/or along the understood Subject Property perimeter boundaries.	No limiting conditions

6.2 Site Reconnaissance Summary

The following is a summary of visual and/or physical observations of the Subject Property and adjoining properties on the day of the site visit. Conditions, features or operations observed, likely present or identified from interviews, records review or prior reports will be discussed further below the table, if applicable. Photographs can be found in Appendix C.

Condition, Feature or Operation Observed or Identified?	Yes	No
Hazardous Substances		X
Underground Storage Tanks (USTs)		X
Aboveground Storage Tanks (ASTs)		X
Other Petroleum Products		X
Railroad Spurs		X
Pipeline Markers	X	
PCB Containing Electrical Equipment		X
Hydraulic Equipment		X
Unidentified Substance Containers		X
Nonhazardous Solid Waste	X	
Wastewater		X
Waste Pits, Ponds and Lagoons		X
Drains		X
Sumps/Ejectors		X
Septic Systems		X
Stormwater Management System		X
Wells		X
Other		X

6.2.1 Pipeline Markers

Atlas observed evidence of pipeline markers in, on or at the Subject Property as summarized below. A marker for a gas pipeline was observed on the east side of the Subject Property along South East Avenue.

"According to the National Pipeline Mapping System (NPMS) (https://www.npms.phmsa.dot.gov), one (1) "gas transmission pipeline" is located abutting the eastern Subject Property boundary (i.e., west side of South East Avenue), orientated in a north-south direction. Atlas observed one (1) sets of petroleum pipeline markers during the site reconnaissance for Pacific Gas & Electric Co (PG&E). Atlas notes that, according to the NPMS, PG&E currently owns the pipeline and is responsible for their maintenance.

The presence of the observed pipeline is a notable finding and is not a REC.

6.2.2 Nonhazardous Solid Waste

Atlas observed a soil pile in, on, or at the Subject Property as summarized below.

NONHAZARDOUS SOLID WASTE SUMMARY TABLE					
Type of Waste	**Generation Process**	**Quantity**	**Type of Storage**	**Location**	**Disposal/Removal Method & Frequency**
Soil	Off-site property grading	Covers an ~4,700 square foot area, highest point is ~5 feet.	Stockpiled on ground surface.	Northwest section of the Subject Property.	None

According to the Subject Property owner, the soil originated from 2909 South Elm Avenue, Fresno, California and was generated during the site grading for the construction of four warehouse type buildings. Based on information provided by the Subject Property owner, the source facility, prior to development had been agricultural land with cattle pens. There were no conditions identified at the source facility that would indicate an environmental concern.

6.2.3 Stormwater Management System

Atlas did not observe any evidence of surface water, surface impoundments, retention ponds, dry wells, or other stormwater management systems at the Subject Property. Stormwater which gathers on the Subject Property either infiltrates the ground or flows over land to storm water catch basins that are connected to the municipal stormwater management system located along the street curbs.

7.0 SUBSURFACE VAPOR MIGRATION

Atlas conducted a Tier 1 vapor encroachment screen (VES) in accordance with ASTM E2600-15 *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* for potential vapor encroachment conditions (VECs). A VEC is the presence or likely presence of chemicals of concern (COC) vapors in the vadose zone of the Subject Property caused by the release of vapors from contaminated soil and/or groundwater either on or near the Subject Property. A Tier 2 Non-Invasive Data Collection Screen was performed if prior assessment reports or regulatory documents were readily available.

Atlas considered the nature and extent of on-site and nearby sources of potential subsurface vapor migration by evaluating the current and historical usage of the Subject Property, the construction type and history, the physical setting, and the potential sources of subsurface vapor migration through the review of regulatory agency database information and/or prior reports to identify contaminated properties.

COCs include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), volatile inorganic analytes, and petroleum hydrocarbons, in most circumstances. Certain metals and radionuclides can represent VECs based on the known volatility of the constituents but are uncommon. The vadose zone is the zone between the land surface and the water table within which moisture content is less than saturation (except in the capillary fringe) and pressure is less than atmospheric. Conditions may exist where there could be no vadose zone, such as the case of a building foundation sitting below the water table. In this case, it may be possible for COC vapors to adversely impact the indoor air without migrating through a vadose zone.

The default area of concern (AOC) is the approximate minimum search distance measured from the Subject Property boundary to a contaminated property with known or suspected COC contamination of soil and/or groundwater. If COC and/or petroleum hydrocarbon COC are used or stored on the Subject Property, or there is an institutional control recorded on the Subject Property for these COC, then the Subject Property is included in the default AOC.

The default AOC was adjusted accordingly based on the review of groundwater flow direction, subsurface characteristics, surficial features, man-made features, known release information, and local knowledge. When groundwater flow direction can be estimated or determined, the crossgradient or downgradient radius distances can be significantly reduced.

The adjusted AOC are defined as the following distances from the Subject Property boundary:

Tier 1 Screening	Petroleum COC AOC Distance (LNAPL)	Petroleum COC AOC Distance (Non-LNAPL)	Non-Petroleum COC AOC Distance
Up-Gradient	528 feet	528 feet	1,760 feet
Cross-Gradient	165 feet	95 feet	365 feet
Down-Gradient	100 feet	30 feet	100 feet

When data on soil, groundwater, or soil gas contamination on properties within the AOC was available through online regulatory documents (or at the regulatory agency office), a Tier 2 Screening was performed by evaluating whether contamination from these contaminated properties within the adjusted AOC falls within the critical distance of the Subject Property. The critical distance (CD) represents an estimate of the linear distance COC vapors volatilized from contaminated groundwater and/or soil might migrate in the vadose zone to the Subject Property based on industry protocols and available local records. The CD is the linear distance in any direction between the nearest edge of a contaminated plume and the nearest Subject Property boundary.

The Tier 2 CD is defined as the following distances from the Subject Property boundary.

Tier 2 Screening CD	Petroleum COC AOC Distance (LNAPL)	Petroleum COC AOC Distance (Non-LNAPL)	Non-Petroleum COC AOC Distance
Up-Gradient	100 feet	30 feet	100 feet
Cross-Gradient	100 feet	30 feet	100 feet
Down-Gradient	100 feet	30 feet	100 feet

Atlas reviewed reported releases within the area of concern of the Subject Property. Reported releases were not identified, therefore, a VEC does not exist.

8.0 INTERVIEWS

The following persons were interviewed to obtain information regarding environmental conditions in connection with the Subject Property.

INTERVIEW SUMMARY					
Role	**Name**	**Title/Company**	**Type**	**# Attempts**	**Response?**
Owner's Agent	Nick Audino	Senior Vice President/ Newmark Pearson Commercial	Email	2	Yes

Not included in this list are those governmental employees that were contacted solely for the purpose of retrieving public information pertaining to the Subject Property and who would not be expected to have firsthand knowledge of recognized environmental conditions at the Subject Property.

Pertinent information from the interviews is discussed in applicable sections of this report.

9.0 ADDITIONAL SERVICES

The following additional services beyond the scope of ASTM E1527-13 were included in the scope of work for this ESA and are discussed further below.

9.1 Wetlands Document Review

Atlas reviewed the United States Fish & Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Online Mapper website for documented wetlands at the Subject Property. There are no wetlands depicted on the Subject Property. A copy of the National Wetlands Inventory map is included in Appendix L.

9.2 Flood Plain Document Review

Atlas reviewed the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for the City of Fresno, Community-Panel Number 06019C2110H, dated February 18, 2009. The Subject Property is located in Zone X (no screen), which is defined as areas determined to be an Area of Minimal Flood Hazard. A copy of the flood plain map is included in Appendix L.

9.3 Mold Screen

Atlas did not observe any evidence of moisture intrusion during the reconnaissance due to the absence of structures.

9.4 Visual Observation of Suspect Asbestos-Containing Material (ACM)

Due to the undeveloped/unimproved nature of the Subject Property, consideration of ACM was not included in the scope of work.

9.5 Radon Document Review

Radon is a naturally occurring colorless, odorless gas that is a by-product of the decay of thorium or uranium when present in indigenous bedrock, soil or, in rare cases, well water. The United States Environmental Protection Agency (EPA) guidance action level for annual residential exposure to radon is 4.0 picoCuries per liter of air (pCi/L). Radon testing is not a regulatory requirement for private owners of commercial real estate, but comparing testing results to the guidance action level is commonly done to suggest whether or not further action to test or limit radon exposure at a building may be prudent.

Atlas's review of published radon data indicates that the Subject Property is located in EPA Radon Zone 2, an area of moderate propensity with regard to the potential for elevated levels of radon gas. With one site tested in in the same ZIP Code as the Subject Property, 93725, the result was below 4 pCi/L with an activity level of 2.4 pCi/L in the first floor living area. Based on the low background levels and commercial usage of the Subject Property improvements, no additional investigation is recommended at this time.

9.6 Lead in Drinking Water Data Review

Atlas confirmed with the City of Fresno Water Division that the municipally-supplied water meets drinking water standards, including those for lead. Lead in drinking water testing was not conducted for this ESA.

10.0 REFERENCES

ASTM International. *E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. West Conshohocken, PA; ASTM International, 2013. doi: https://doi.org/10.1520/E1527-13

ASTM International. *E2091-19 Standard Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls*. West Conshohocken, PA; ASTM International, 2019. doi: https://doi.org/10.1520/E2091-19

ASTM International. *E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*. West Conshohocken, PA; ASTM International, 2015. doi: https://doi.org/10.1520/E2600-15

ASTM International. *E3026-15 Standard Guide for Readily Observable Moisture Affected Materials and Conditions Conducive to Elevated Moisture in Commercial Buildings: Visual Moisture Assessment Process*. West Conshohocken, PA; ASTM International, 2015. doi: https://doi.org/10.1520/E3026-15

ASTM International, E2308-05 *Standard Guide for Limited Asbestos Screens of Buildings*. West Conshohocken, PA; ASTM International, 2005 (Withdrawn 2014).

Department of Toxic Substances Control (DTSC), EnviroStor Website (https://www.envirostor.dtsc.ca.gov/public/)

EDR, *Certified Sanborn Map Report*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, 6709412.3 , dated October 19, 2021.

EDR, *EDR- Historical Topo Map Report,* Fresno, SWC North Avenue & East Avenue, Fresno, CA, , dated October 19, 2021.

EDR, *The EDR Aerial Photo Decade Package,* Fresno, SWC North Avenue & East Avenue, Fresno, CA, 6709412.11, dated October 19, 2021.

EDR, *The EDR-City Directory Image Report*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, 6709412.5, dated October 20, 2021.

EDR, *The EDR Radius Map with Geocheck*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, , dated October 19, 2021.

EDR, *The EDR Vapor Encroachment Screen*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, , dated October 26, 2021.

EDR, *The EDR-Property Tax Map Report*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, , dated October 19, 2021.

EDR, *The EDR-Environmental Lien and AUL Search*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, , dated October 19, 2021.

EDR, *The EDR-Building Permit Report*, Fresno, SWC North Avenue & East Avenue, Fresno, CA, 6709412.8, dated October 19, 2021.

EWG, PFAS Contamination in the U.S. (January 6, 2021), https://www.ewg.org/interactive-maps/pfas_contamination/.

Federal Emergency Management Agency (FEMA) National Flood Hazard Layer FIRMette, for City of Fresno, Community-Panel Number 06019C2110H, dated February 18, 2009.

Fresno, City of. (https://www.fresno.gov/).

Fresno County Assessors (https://www.co.fresno.ca.us/departments/assessor).

Google Earth, https://www.google.com/earth/.

Historic Aerials, https://www.historicaerials.com/viewer.

State Water Resources Control Board (SWRCB) Geotracker Website (https://geotracker.waterboards.ca.gov/).

USFWS, National Wetland Inventory Mapper, http://www.fws.gov/nwi/.

USGS Historical Topographic Map Explorer, https://livingatlas.arcgis.com/topoexplorer/index.html.

USGS Topographic Map, Fresno South, California Quadrangle Map, 7.5 Minute Series, dated 1963, photorevised 1981 .

11.0 TERMS & ACRONYMS

The following provides definitions and descriptions of key terms and acronyms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E1527-13. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions or additional explanation regarding the meaning of terms.

recognized environmental condition(s) (REC) - the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

material threat - a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional (EP), is threatening and might result in impact to public health or the environment.

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

historical recognized environmental condition (HREC) - a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release an HREC, the EP must determine whether the past release is a REC at the time the assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition will be reported as a REC.

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

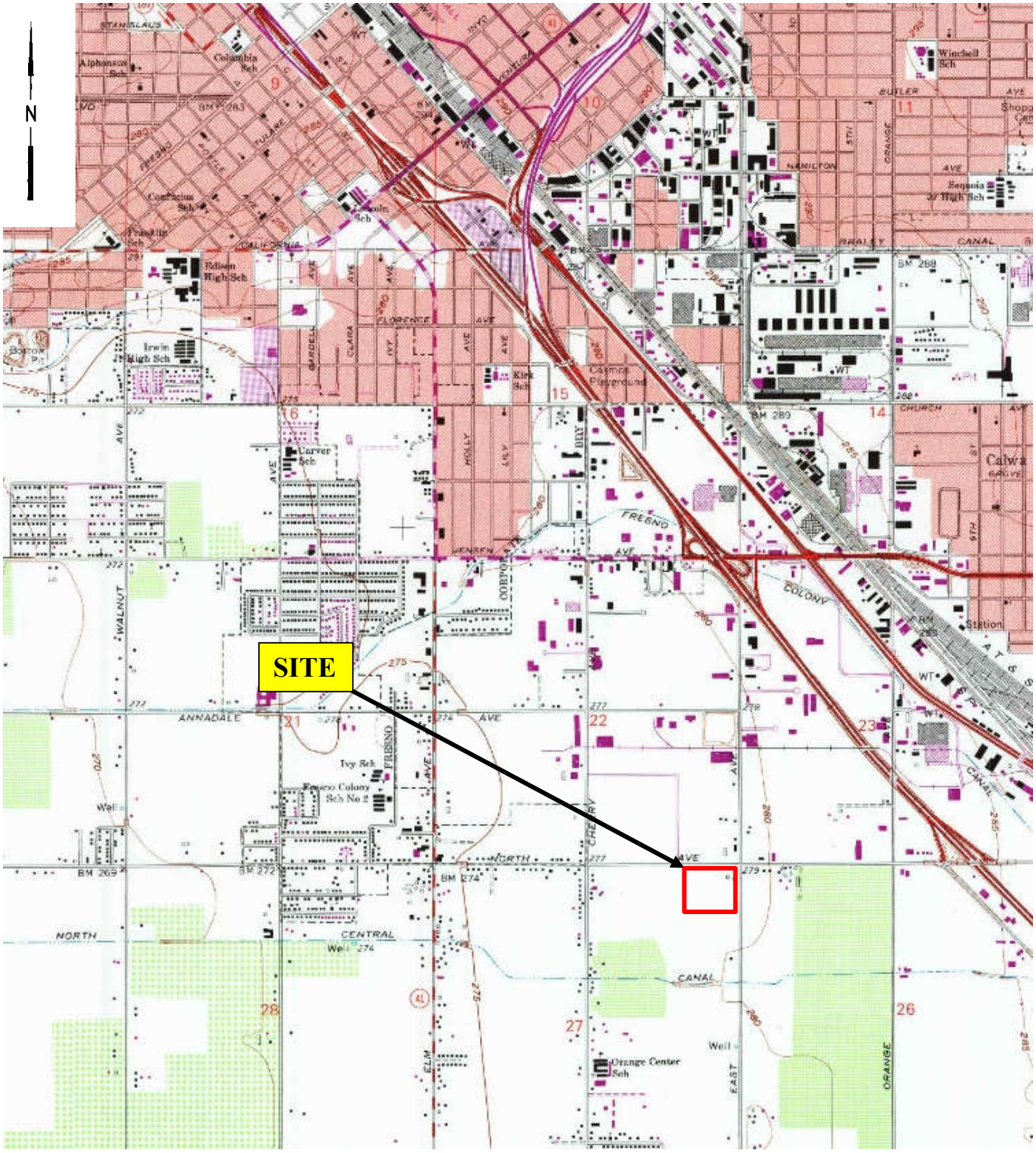
migrate/migration - refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

business environmental risk (BER) - a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Evaluation of business environmental risk issues may involve addressing one or more non-ASTM scope considerations.

Subject Property — a lot or assemblage of lots that comprise a parcel of commercial real estate as described in Section 1.1 that is the subject of this ESA report.

APPENDIX A

SITE VICINITY MAP



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS
FRESNO SOUTH QUADRANGLE, CALIFORNIA, DATED 1963, PHOTOREVISED 1987.

ATLAS
1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

PROJECT NO: Z054000296		
DESIGNED BY: JS	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: JS	DATE: 10/21	FILE: LOCATION

FIGURE 1
VICINITY MAP

REYES HOLDINGS, LLC
791 & 998 EAST NORTH AVENUE
FRESNO, CALIFORNIA 93725

APPENDIX B

SITE PLAN



LEGEND

= Approximate Property Boundary

ATLAS
1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

PROJECT NO: Z054000296		
DESIGNED BY: JK	SCALE: NTS	REVIEWED BY: JH
DRAWN BY: JS	DATE: 06/19	FILE: LOCATION

FIGURE 2

SITE PLAN

REYES HOLDINGS, LLC
791 & 998 EAST NORTH AVENUE
FRESNO, CALIFORNIA 93725

APPENDIX C

SITE PHOTOGRAPHS



1 : 791 and 998 East North Avenue, Fresno, California



2 : Southeast corner of Subject Property facing north.



3 : Southeast corner of Subject Property facing west.



4 : Debris including tire tread on east side of Subject Property.



5 : Gas line marker on east side of Subject Property.



6 : Northeast corner of the Subject Property, facing west.



7 : Northeast corner of the Subject Property, facing south.


8 : Debris near northeast corner of the Subject Property



9 : Utility vault box on northern edge of Subject Property.



10 : Soil pile on north west section of the Subject Property facing southwest.



11 : Plastic pipe subbed up near northern edge of the Subject Property.



12 : Plastic pipe subbed up near northern edge of the Subject Property.



13 : Northwest corner of the Subject Property facing south.



14 : Northwest corner of the Subject Property facing east.



15 : Utility vault box and storm drain from adjacent property to the west on northwestern edge of the Subject Property.



16 : Storm drain from adjacent property to the west.



17 : Southwest corner of the Subject Property facing north.



18 : Southwest corner of the Subject Property facing east.



19 : Southwest corner of the Subject Property facing northeast.



20 : Soil pile on northwest section of the Subject Property facing north.

APPENDIX D

USER PROVIDED DOCUMENTATION

No documents have been associated with this appendix.

APPENDIX E

REGULATORY DATABASE REPORT

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.2s
October 19, 2021

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SWC NORTH AVENUE & EAST AVENUE
FRESNO, CA 93725

COORDINATES

Latitude (North):	36.6911580 - 36° 41' 28.16''
Longitude (West):	119.7743970 - 119° 46' 27.82''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	252116.3
UTM Y (Meters):	4063997.5
Elevation:	282 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5603172 FRESNO SOUTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140619, 20140618
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SWC NORTH AVENUE & EAST AVENUE
FRESNO, CA 93725

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	MORRIE'S WELDING & R	1038 E NORTH	CA CUPA Listings	Higher	308, 0.058, ENE
A2	FEDEX GROUND - ZFRE	3151 S EAST AVE	CA CERS HAZ WASTE, CA CERS	Higher	331, 0.063, SSE
A3	FEDEX GROUND PACKAGE	3151 S EAST AVE	RCRA-SQG	Higher	331, 0.063, SSE
A4	FEDEX GROUND-FRESNO	3151 S EAST AVE	CA CUPA Listings	Higher	331, 0.063, SSE
5	HOFFMANN-LA ROCHE	2965 S ANGUS	CA CUPA Listings	Higher	372, 0.070, NW
B6	CENTRAL VALLEY TRAIL	2974 S EAST AVE	CA CERS HAZ WASTE, CA CUPA Listings, CA HAZNET, CA...	Higher	381, 0.072, NNE
B7	CENTRAL VALLEY TRAIL	2974 S EAST AVE	RCRA NonGen / NLR	Higher	381, 0.072, NNE
8	WESTERN PARCEL EXPRE	720 E NORTH ST UNIT	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Higher	405, 0.077, WNW
B9	ALLIED STORAGE CONTA	2965 S EAST AVE	CA CUPA Listings	Higher	510, 0.097, NNE
C10	KRAFT FOODS FRESNO B	1055 E NORTH AVE	CA CERS HAZ WASTE, CA CUPA Listings, CA CERS	Higher	599, 0.113, ENE
C11	KRAFT FOODS GROUP IN	1055 E NORTH AVE	RCRA NonGen / NLR	Higher	599, 0.113, ENE
C12	S&S TRANSPORT REFRIG	1078 E. NORTH AVE.	CA CERS HAZ WASTE, CA CERS	Higher	666, 0.126, ENE
C13	S & S TRANSPORT REFR	1078 E NORTH AVE	RCRA NonGen / NLR	Higher	666, 0.126, ENE
C14	S&S TRANSPORT REFRIG	1078 E NORTH	CA CUPA Listings	Higher	666, 0.126, ENE
D15	ELECTRONIC RECYCLERS	3243 S EAST AVE STE	RCRA NonGen / NLR	Higher	948, 0.180, SSE
D16	ELECTRONIC RECYCLERS	3243 S EAST AVE #104	CA CERS HAZ WASTE, CA CUPA Listings, CA CERS	Higher	948, 0.180, SSE
D17	ELECTRONIC RECYCLERS	3243 S EAST AVE	RCRA-LQG, PADS	Higher	948, 0.180, SSE
D18	ELECTRONIC RECYCLERS	3243 S EAST AVE #108	CA CERS HAZ WASTE, CA CUPA Listings, CA CERS	Higher	948, 0.180, SSE
D19	ELECTRONIC RECYCLERS	3243 S EAST AVE STE	RCRA NonGen / NLR	Higher	948, 0.180, SSE
D20	ELECTRONIC RECYCLERS	3243 S EAST AVENUE #	RCRA-LQG, US FIN ASSUR	Higher	948, 0.180, SSE
E21	FRESNO BRANCH	1150 EAST NORTH AVEN	CA HIST UST	Higher	1081, 0.205, ENE
E22	PEPSI-COLA BOTTLING	1150 NORTH AVE E	CA LUST, CA Cortese, CA HIST CORTESE, CA CERS	Higher	1081, 0.205, ENE
E23	PEPSI COLA SAN JOAQU	1150 E NORTH AVE	CA SWEEPS UST, CA FID UST, CA CHMIRS	Higher	1081, 0.205, ENE
E24	BOTTLING GROUP, LLC	1150 E NORTH AVE	RCRA-SQG, CA LUST, CA NPDES, CA CIWQS, CA CERS	Higher	1081, 0.205, ENE
E25	FRESNO BRANCH	1150 E NORTH AVE	CA HIST UST	Higher	1081, 0.205, ENE
E26	PEPSI BEVERAGES COMP	1150 E NORTH AVE	CA CERS HAZ WASTE, CA CERS TANKS, CA CUPA...	Higher	1081, 0.205, ENE
F27	CINTAS CORP NO 3	2920 S EAST AVE	RCRA NonGen / NLR	Higher	1086, 0.206, NNE
F28	CINTAS CORP	2920 S EAST AVE	RCRA NonGen / NLR	Higher	1086, 0.206, NNE
F29	CINTAS	2920 SOUTH EAST AVEN	CA DRYCLEANERS, CA NPDES, CA CIWQS, CA HWTS	Higher	1086, 0.206, NNE
F30	CINTAS UNIFORM SERVI	2920 S. EAST AVE.	RCRA NonGen / NLR	Higher	1086, 0.206, NNE
31	MISSION FOODS - WARE	3210 S EAST AVE	CA CHMIRS, CA CUPA Listings	Higher	1088, 0.206, SE
G32	CARO NUT	2904 S ANGUS AVE	CA CUPA Listings, CA EMI, CA HAZNET, CA CERS, CA...	Higher	1101, 0.209, NNW
G33	CARO NUT COMPANY	2904 S ANGUS AVE	RCRA NonGen / NLR	Higher	1101, 0.209, NNW
G34	LITTLE RAYMONDS PRIN	2904 S ANGUS AVE STE	RCRA NonGen / NLR	Higher	1101, 0.209, NNW
E35	INTERLINE BRANDS, IN	1155 E NORTH AVE STE	CA CERS HAZ WASTE, CA CERS	Higher	1157, 0.219, ENE
E36	LENNOX STORE A518	1155 E NORTH AVE #10	CA CUPA Listings	Higher	1157, 0.219, ENE
E37	INTERLINE BRANDS DBA	1155 E NORTH AVE	RCRA NonGen / NLR	Higher	1157, 0.219, ENE
H38	BEAUTY SYSTEMS GROUP	480 E NORTH AVE STE	RCRA NonGen / NLR	Lower	1247, 0.236, WNW
H39	BEAUTY SYSTEMS GROUP	480 E NORTH AVE #104	CA CUPA Listings	Lower	1247, 0.236, WNW

MAPPED SITES SUMMARY

Target Property Address:
SWC NORTH AVENUE & EAST AVENUE
FRESNO, CA 93725

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H40	BEAUTY SYSTEMS GROUP	480 E NORTH AVE STE	CA CERS HAZ WASTE, CA CERS	Lower	1247, 0.236, WNW
H41	ACTIVISION/BLIZZARD	480 E NORTH AVE	CA CUPA Listings	Lower	1247, 0.236, WNW
G42	TOTER	2929 S ANGUS #12	CA CUPA Listings	Higher	1291, 0.245, NNW
43	ELECTRONIC RECYCLERS	2860 S. EAST AVENUE	OH SWRCY	Higher	1767, 0.335, NNE
44	WESTERN METAL CO	2910 S CHERRY AVE	CA SWRCY, CA HAULERS, CA CERS HAZ WASTE, CA CUPA.	Lower	2145, 0.406, NW
45	DOLE DRIED FRUIT & N	568 MUSCAT E	CA LUST, CA HIST CORTESE	Lower	2375, 0.450, SW
I46	NISSHINBO FACILITY	2885 S. CHERRY AVENU	CA CPS-SLIC, CA CERS	Lower	2514, 0.476, NW
I47	SUBURBAN PROPANE	2874 S CHERRY	RCRA-SQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Lower	2570, 0.487, NW
48	CHEVRON CHEMICAL COM	2882 EAST ANNADALE A	CA ENVIROSTOR, CA Notify 65	Higher	2672, 0.506, NNW
J49	ORANGE AVE DSPL SITE	3280 S ORANGE AVE	SEMS, CA WMUDS/SWAT, CA SWEEPS UST, CA HIST UST,...	Higher	2816, 0.533, ESE
J50	ORANGE AVE DISPOSAL	3280 ORANGE AVE S	CA ENVIROSTOR, CA LUST, CA Cortese, CA ENF, CA...	Higher	2816, 0.533, ESE
K51	COMMERCIAL ELECTROPL	2940 SOUTH ELM AVENU	CA RESPONSE, CA ENVIROSTOR, CA BOND EXP. PLAN, CA.	Lower	4750, 0.900, WNW
K52	COMMERCIAL ELECTROPL	2940 SOUTH ELM AVENU	CA HIST Cal-Sites	Lower	4750, 0.900, WNW
53	NEW IDRIA MINING AND	3457 SOUTH CEDAR AVE	CA ENVIROSTOR, CA CHMIRS	Higher	4812, 0.911, ESE
54	K B K OILS	2874 S HWY 99	CA ENVIROSTOR	Higher	4905, 0.929, ENE
55	MOHAWK PETROLEUM COR	2619 SOUTH EAST AVEN	CA ENVIROSTOR	Higher	5188, 0.983, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

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

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

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

EXECUTIVE SUMMARY

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

CA 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
CA UST ---------- Active UST Facilities
CA AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

CA VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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
CA SCH ---------- School Property Evaluation Program
CA CDL ---------- Clandestine Drug Labs
CA Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register
CA PFAS ---------- PFAS Contamination Site Location Listing

Local Land Records

CA LIENS ---------- Environmental Liens Listing
LIENS 2 ---------- CERCLA Lien Information
CA DEED ---------- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System

CA LDS	Land Disposal Sites Listing
CA MCS	Military Cleanup Sites Listing
CA SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
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 MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA ICE	ICE
CA HWP	EnviroStor Permitted Facilities Listing
CA HWT	Registered Hazardous Waste Transporter Database
CA MINES	Mines Site Location Listing
CA MWMP	Medical Waste Management Program Listing
CA PEST LIC	Pesticide Regulation Licenses Listing
CA PROC	Certified Processors Database
CA UIC	UIC Listing
CA UIC GEO	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS	Oil Wastewater Pits Listing
CA WIP	Well Investigation Program Case List
CA MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT	PROJECT (GEOTRACKER)
CA WDR	Waste Discharge Requirements Listing
CA NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)

EXECUTIVE SUMMARY

CA SAMPLING POINT..... SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ..... Well Stimulation Project (GEOTRACKER)
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

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELECTRONIC RECYCLERS EPA ID:: CAR000202937	***3243 S EAST AVE***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D17***	***58***
ELECTRONIC RECYCLERS	***3243 S EAST AVENUE #***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D20***	***101***

EPA ID:: CAR000208496

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FEDEX GROUND PACKAGE EPA ID:: CAR000248286	3151 S EAST AVE	SSE 0 - 1/8 (0.063 mi.)	A3	12
WESTERN PARCEL EXPRE EPA ID:: CA0000269589	***720 E NORTH ST UNIT***	***WNW 0 - 1/8 (0.077 mi.)***	***8***	***26***
BOTTLING GROUP, LLC EPA ID:: CAD981445984	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E24***	***127***

State- and tribal - equivalent NPL

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMMERCIAL ELECTROPL Database: RESPONSE, Date of Government Version: 07/22/2021 Status: Active Facility Id: 10340074	***2940 SOUTH ELM AVENU***	***WNW 1/2 - 1 (0.900 mi.)***	***K51***	***260***

State- and tribal - equivalent CERCLIS

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/22/2021 has revealed that there

are 6 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON CHEMICAL COM	***2882 EAST ANNADALE A***	***NNW 1/2 - 1 (0.506 mi.)***	***48***	***205***
Facility Id: 10280175				
Status: Refer: RWQCB				
ORANGE AVE DISPOSAL	***3280 ORANGE AVE S***	***ESE 1/2 - 1 (0.533 mi.)***	***J50***	***215***
Facility Id: 10490006				
Status: Refer: RWQCB				
NEW IDRIA MINING AND	***3457 SOUTH CEDAR AVE***	***ESE 1/2 - 1 (0.911 mi.)***	***53***	***275***
Facility Id: 10100001				
Status: Inactive - Needs Evaluation				
K B K OILS	2874 S HWY 99	ENE 1/2 - 1 (0.929 mi.)	54	278
Facility Id: 10290032				
Status: Refer: Other Agency				
MOHAWK PETROLEUM COR	2619 SOUTH EAST AVEN	N 1/2 - 1 (0.983 mi.)	55	279
Facility Id: 10290139				
Status: Refer: Other Agency				

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMMERCIAL ELECTROPL	***2940 SOUTH ELM AVENU***	***WNW 1/2 - 1 (0.900 mi.)***	***K51***	***260***
Facility Id: 10340074				
Status: Active				

State and tribal leaking storage tank lists

CA 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 CA LUST list, as provided by EDR, has revealed that there are 4 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI-COLA BOTTLING	***1150 NORTH AVE E***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E22***	***122***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Status: Case Closed				
BOTTLING GROUP, LLC	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E24***	***127***
Database: LUST, Date of Government Version: 06/03/2021				
Status: Completed - Case Closed				
Global Id: T0601900354				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOLE DRIED FRUIT & N	***568 MUSCAT E***	***SW 1/4 - 1/2 (0.450 mi.)***	***45***	***187***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Status: Pollution Characterization				
SUBURBAN PROPANE	***2874 S CHERRY***	***NW 1/4 - 1/2 (0.487 mi.)***	***I47***	***189***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/03/2021				

Status: Completed - Case Closed
Status: Case Closed
Global Id: T0601900665

CA 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 CA CPS-SLIC list, as provided by EDR, has revealed that there is 1 CA CPS-SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NISSHINBO FACILITY	***2885 S. CHERRY AVENU***	***NW 1/4 - 1/2 (0.476 mi.)***	***I46***	***188***
Database: CPS-SLIC, Date of Government Version: 06/03/2021 Facility Status: Completed - Case Closed Global Id: SLT5FS105429				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA SWRCY: A listing of recycling facilities in California.

A review of the CA SWRCY list, as provided by EDR, and dated 06/04/2021 has revealed that there is 1 CA SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN METAL CO	***2910 S CHERRY AVE***	***NW 1/4 - 1/2 (0.406 mi.)***	***44***	***181***
Cert Id: RC3180				

OH SWRCY: A listing of recycling facility locations.

A review of the OH SWRCY list, as provided by EDR, and dated 06/30/2021 has revealed that there is 1 OH SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELECTRONIC RECYCLERS	2860 S. EAST AVENUE	NNE 1/4 - 1/2 (0.335 mi.)	43	181

Local Lists of Hazardous waste / Contaminated Sites

CA 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 CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that

there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMMERCIAL ELECTROPL	2940 SOUTH ELM AVENU	WNW 1/2 - 1 (0.900 mi.)	K52	269

CA 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 CA CERS HAZ WASTE list, as provided by EDR, and dated 07/15/2021 has revealed that there are 9 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FEDEX GROUND - ZFRE	***3151 S EAST AVE***	***SSE 0 - 1/8 (0.063 mi.)***	***A2***	***9***
CENTRAL VALLEY TRAIL	***2974 S EAST AVE***	***NNE 0 - 1/8 (0.072 mi.)***	***B6***	***16***
KRAFT FOODS FRESNO B	***1055 E NORTH AVE***	***ENE 0 - 1/8 (0.113 mi.)***	***C10***	***36***
S&S TRANSPORT REFRIG	***1078 E. NORTH AVE.***	***ENE 1/8 - 1/4 (0.126 mi.)***	***C12***	***45***
ELECTRONIC RECYCLERS	***3243 S EAST AVE #104***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D16***	***55***
ELECTRONIC RECYCLERS	***3243 S EAST AVE #108***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D18***	***95***
PEPSI BEVERAGES COMP	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E26***	***142***
INTERLINE BRANDS, IN	***1155 E NORTH AVE STE***	***ENE 1/8 - 1/4 (0.219 mi.)***	***E35***	***171***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEAUTY SYSTEMS GROUP	***480 E NORTH AVE STE***	***WNW 1/8 - 1/4 (0.236 mi.)***	***H40***	***178***

Local Lists of Registered Storage Tanks

CA 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 CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 CA SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI COLA SAN JOAQU	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E23***	***124***
Status: A				
Tank Status: A				
Comp Number: 68420				

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FRESNO BRANCH	1150 EAST NORTH AVEN	ENE 1/8 - 1/4 (0.205 mi.)	E21	122
FRESNO BRANCH	1150 E NORTH AVE	ENE 1/8 - 1/4 (0.205 mi.)	E25	140

Facility Id: 00000068420

CA 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 CA CERS TANKS list, as provided by EDR, and dated 07/15/2021 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI BEVERAGES COMP	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E26***	***142***

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 is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI COLA SAN JOAQU Facility Id: 10001400 Status: A	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E23***	***124***

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 09/13/2021 has revealed that there are 12 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CENTRAL VALLEY TRAIL EPA ID:: CAL000421525	2974 S EAST AVE	NNE 0 - 1/8 (0.072 mi.)	B7	24
KRAFT FOODS GROUP IN EPA ID:: CAL000350204	1055 E NORTH AVE	ENE 0 - 1/8 (0.113 mi.)	C11	42
S & S TRANSPORT REFR EPA ID:: CAL000276155	1078 E NORTH AVE	ENE 1/8 - 1/4 (0.126 mi.)	C13	50
ELECTRONIC RECYCLERS EPA ID:: CAL000432310	3243 S EAST AVE STE	SSE 1/8 - 1/4 (0.180 mi.)	D15	53
ELECTRONIC RECYCLERS EPA ID:: CAL000403623	3243 S EAST AVE STE	SSE 1/8 - 1/4 (0.180 mi.)	D19	99
CINTAS CORP NO 3 EPA ID:: CAL000452637	2920 S EAST AVE	NNE 1/8 - 1/4 (0.206 mi.)	F27	147
CINTAS CORP	2920 S EAST AVE	NNE 1/8 - 1/4 (0.206 mi.)	F28	150

EPA ID:: CAL000452706				
CINTAS UNIFORM SERVI EPA ID:: CAC003012057	2920 S. EAST AVE.	NNE 1/8 - 1/4 (0.206 mi.)	F30	158
CARO NUT COMPANY EPA ID:: CAL000447663	2904 S ANGUS AVE	NNW 1/8 - 1/4 (0.209 mi.)	G33	166
LITTLE RAYMONDS PRIN EPA ID:: CAL000434761	2904 S ANGUS AVE STE	NNW 1/8 - 1/4 (0.209 mi.)	G34	168
INTERLINE BRANDS DBA EPA ID:: CAL000371777	1155 E NORTH AVE	ENE 1/8 - 1/4 (0.219 mi.)	E37	173

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEAUTY SYSTEMS GROUP EPA ID:: CAL000330440	480 E NORTH AVE STE	WNW 1/8 - 1/4 (0.236 mi.)	H38	175

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
COMMERCIAL ELECTROPL	***2940 SOUTH ELM AVENU***	***WNW 1/2 - 1 (0.900 mi.)***	***K51***	***260***

CA 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 CA Cortese list, as provided by EDR, and dated 06/17/2021 has revealed that there are 2 CA Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI-COLA BOTTLING	***1150 NORTH AVE E***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E22***	***122***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SUBURBAN PROPANE	***2874 S CHERRY***	***NW 1/4 - 1/2 (0.487 mi.)***	***I47***	***189***
Cleanup Status: COMPLETED - CASE CLOSED				

CA CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CA CUPA Listings list, as provided by EDR, has revealed that there are 16 CA CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MORRIE'S WELDING & R	1038 E NORTH	ENE 0 - 1/8 (0.058 mi.)	1	9
Database: CUPA FRESNO, Date of Government Version: 04/09/2021				

Facility Id: FA0275728

FEDEX GROUND-FRESNO	3151 S EAST AVE	SSE 0 - 1/8 (0.063 mi.)	A4	15
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0283934				
HOFFMANN-LA ROCHE	2965 S ANGUS	NW 0 - 1/8 (0.070 mi.)	5	16
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0269812				
CENTRAL VALLEY TRAIL	***2974 S EAST AVE***	***NNE 0 - 1/8 (0.072 mi.)***	***B6***	***16***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0285222				
ALLIED STORAGE CONTA	2965 S EAST AVE	NNE 0 - 1/8 (0.097 mi.)	B9	35
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0280612				
KRAFT FOODS FRESNO B	***1055 E NORTH AVE***	***ENE 0 - 1/8 (0.113 mi.)***	***C10***	***36***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0276577				
S&S TRANSPORT REFRIG	1078 E NORTH	ENE 1/8 - 1/4 (0.126 mi.)	C14	52
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0271950				
ELECTRONIC RECYCLERS	***3243 S EAST AVE #104***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D16***	***55***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0281736				
ELECTRONIC RECYCLERS	***3243 S EAST AVE #108***	***SSE 1/8 - 1/4 (0.180 mi.)***	***D18***	***95***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0281610				
PEPSI BEVERAGES COMP	***1150 E NORTH AVE***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E26***	***142***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0170146				
MISSION FOODS - WARE	***3210 S EAST AVE***	***SE 1/8 - 1/4 (0.206 mi.)***	***31***	***160***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0278050				
CARO NUT	***2904 S ANGUS AVE***	***NNW 1/8 - 1/4 (0.209 mi.)***	***G32***	***162***
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0279651				
LENNOX STORE A518	1155 E NORTH AVE #10	ENE 1/8 - 1/4 (0.219 mi.)	E36	173
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0286423				
TOTER	2929 S ANGUS #12	NNW 1/8 - 1/4 (0.245 mi.)	G42	180
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0278989				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEAUTY SYSTEMS GROUP	480 E NORTH AVE #104	WNW 1/8 - 1/4 (0.236 mi.)	H39	178
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0286771				
ACTIVISION/BLIZZARD	480 E NORTH AVE	WNW 1/8 - 1/4 (0.236 mi.)	H41	180
Database: CUPA FRESNO, Date of Government Version: 04/09/2021 Facility Id: FA0284024				

CA DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CA DRYCLEANERS list, as provided by EDR, has revealed that there is 1 CA DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CINTAS	***2920 SOUTH EAST AVEN***	***NNE 1/8 - 1/4 (0.206 mi.)***	***F29***	***152***
Database: DRYCLEANERS, Date of Government Version: 05/25/2021				
EPA Id: CAL000452706				

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PEPSI-COLA BOTTLING	***1150 NORTH AVE E***	***ENE 1/8 - 1/4 (0.205 mi.)***	***E22***	***122***
Reg Id: 5T10000361				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOLE DRIED FRUIT & N	***568 MUSCAT E***	***SW 1/4 - 1/2 (0.450 mi.)***	***45***	***187***
Reg Id: 5T10000597				
SUBURBAN PROPANE	***2874 S CHERRY***	***NW 1/4 - 1/2 (0.487 mi.)***	***I47***	***189***
Reg Id: 5T10000686				

CA Notify 65: 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.

A review of the CA Notify 65 list, as provided by EDR, and dated 03/12/2021 has revealed that there are 2 CA Notify 65 sites within approximately 1 mile of the target property.

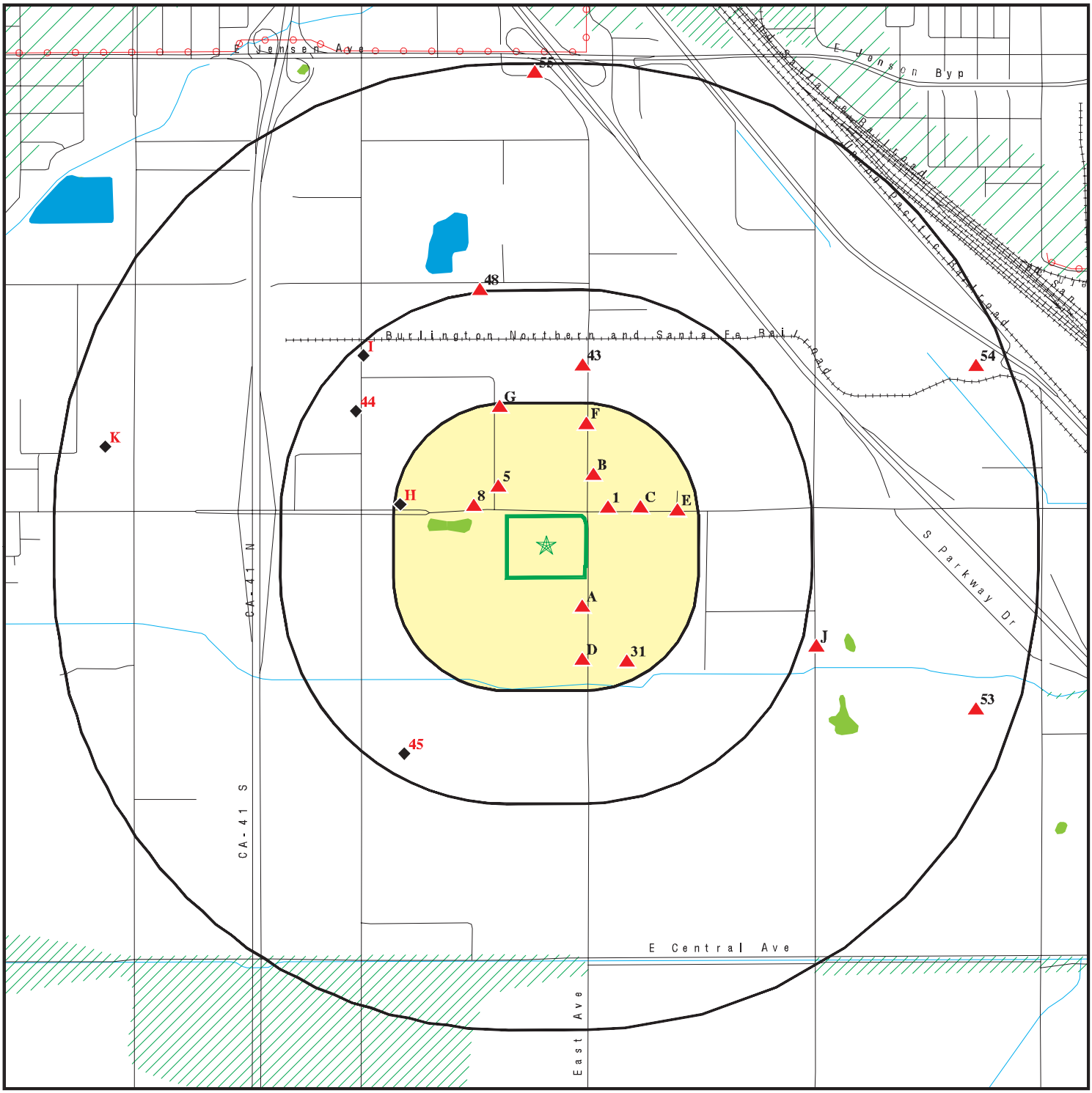
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON CHEMICAL COM	***2882 EAST ANNADALE A***	***NNW 1/2 - 1 (0.506 mi.)***	***48***	***205***
ORANGE AVE DSPL SITE	***3280 S ORANGE AVE***	***ESE 1/2 - 1 (0.533 mi.)***	***J49***	***206***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.

Site Name	Database(s)
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
	CA CDL
PACIFIC GAS AND ELECTRIC - FRESNO	CA BOND EXP. PLAN
FRESNO MATERIALS RECOVERY & TRANSF	CA RGA LF

OVERVIEW MAP - 6709412.2S



0 1/4 1/2 1 Miles

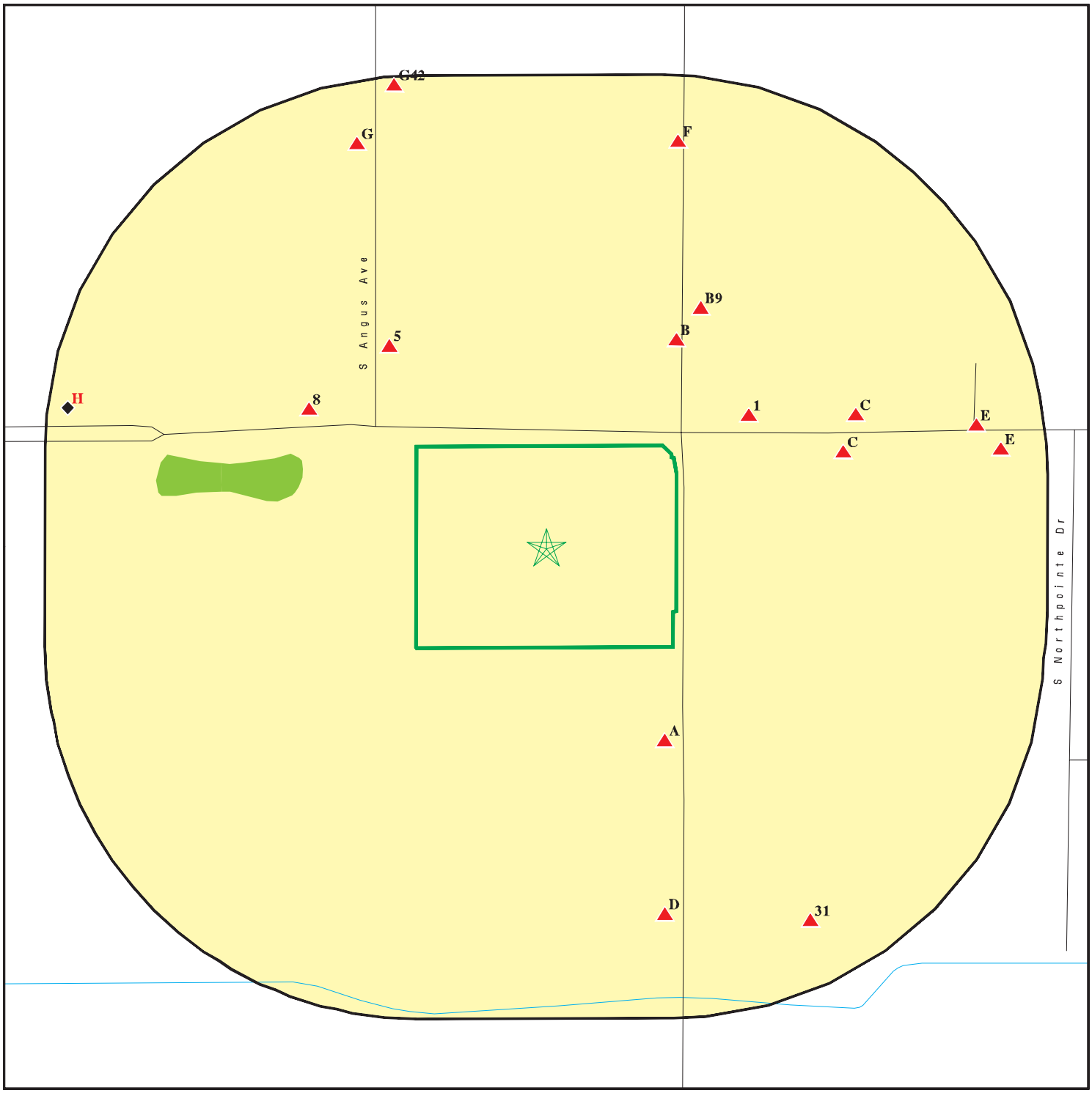
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	Fresno	CLIENT:	ATC Group Services LLC
ADDRESS:	SWC North Avenue & East Avenue Fresno CA 93725	CONTACT:	John Sellman
		INQUIRY #:	6709412.2s
LAT/LONG:	36.691158 / 119.774397	DATE:	October 19, 2021 8:54 am

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DETAIL MAP - 6709412.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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: Fresno	CLIENT: ATC Group Services LLC
ADDRESS: SWC North Avenue & East Avenue Fresno CA 93725	CONTACT: John Sellman
LAT/LONG: 36.691158 / 119.774397	INQUIRY #: 6709412.2s DATE: October 19, 2021 8:56 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	1	NR	1
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		0	0	0	6	NR	6
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
CA LUST	0.500		0	2	2	NR	NR	4

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
CA CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	0	NR	NR	NR	0
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	1	NR	NR	1
OH SWRCY	0.500		0	0	1	NR	NR	1
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	1	NR	1
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		3	6	NR	NR	NR	9
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		0	1	NR	NR	NR	1
CA HIST UST	0.250		0	2	NR	NR	NR	2
CA CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	10	NR	NR	NR	12
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	1	NR	1
CA Cortese	0.500		0	1	1	NR	NR	2
CA CUPA Listings	0.250		6	10	NR	NR	NR	16

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
CA DRYCLEANERS	0.250		0	1	NR	NR	NR	1
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	1	2	NR	NR	3
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	2	NR	2
CA UIC	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA CERS	TP		NR	NR	NR	NR	NR	0
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR 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								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	13	39	8	11	0	71

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ENE
< 1/8
0.058 mi.
308 ft.

MORRIE'S WELDING & REPAIR
1038 E NORTH
FRESNO, CA 93725

CA CUPA Listings **S106487503**
N/A

Relative:
Higher

Actual:
283 ft.

CUPA FRESNO:
Name: MORRIE'S WELDING & REPAIR
Address: 1038 E NORTH
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0275728
APM Number: 48703107
Program Element: HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

A2
SSE
< 1/8
0.063 mi.
331 ft.

FEDEX GROUND - ZFRE
3151 S EAST AVE
FRESNO, CA 93725
Site 1 of 3 in cluster A

CA CERS HAZ WASTE **S121739883**
CA CERS **N/A**

Relative:
Higher

Actual:
283 ft.

CERS HAZ WASTE:
Name: FEDEX GROUND - ZFRE
Address: 3151 S EAST AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 116230
CERS ID: 10611757
CERS Description: Hazardous Waste Generator

CERS:
Name: FEDEX GROUND - ZFRE
Address: 3151 S EAST AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 116230
CERS ID: 10611757
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 116230
Site Name: FedEx Ground - ZFRE
Violation Date: 10-03-2014
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 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: Returned to compliance on 10/13/2014. 2 small approx 10 gallon containers of haz waste labels lacked accum start date - immediately corrected on site Another container was labeled Non Hazardous Waste and has a damaged product inside, Hydrozone 100 which may be hazardous. Pointed this out to staff and Manager later made determination to handle as hazardous waste and a manifest was later provided.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

FEDEX GROUND - ZFRE (Continued) **S121739883**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-03-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	observed minor label accum date issues corrected on site, also observed a pail labeled as non hazardous waste of a damaged item that may be haz waste - Hydrozone 100
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-12-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazwaste inspection.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	116230
Facility Name:	FedEx Ground - ZFRE
Env Int Type Code:	HWG
Program ID:	10611757
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	36.689050
Longitude:	-119.774200

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Hazel Roberts, Blymyer Engineers
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:	Legal Owner
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	15108
Affiliation Phone:	(412) 262-6291

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867

FEDEX GROUND - ZFRE (Continued) **S121739883**

Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	15108
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Debra Gehm
Entity Title:	Senior Environmental Compliance Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	FedEx Ground Package System, 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:	(412) 262-6291
Affiliation Type Desc:	Parent Corporation
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Debra Gehm
Entity Title:	Not reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	15108
Affiliation Phone:	Not reported

A3 **FEDEX GROUND PACKAGE SYSTEM INC FRESNO** **RCRA-SQG** **1016955108**
SSE **3151 S EAST AVE** **CAR000248286**
< 1/8 **FRESNO, CA 93725**
0.063 mi.
331 ft. **Site 2 of 3 in cluster A**

Relative: **Higher**

Actual: **283 ft.**

RCRA-SQG:

Date Form Received by Agency:	20140807
Handler Name:	FEDEX GROUND PACKAGE SYSTEM INC FRESNO
Handler Address:	3151 S EAST AVE
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAR000248286
Contact Name:	DEBRA B GEHM
Contact Address:	1000 FEDEX DR
Contact City,State,Zip:	MOON TOWNSHIP, PA 15108
Contact Telephone:	412-262-6291
Contact Fax:	412-859-2232
Contact Email:	ENVIRONMENTAL@FEDEX.COM
Contact Title:	ENV COMPLIANCE SPEC
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
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:	1000 FEDEX DR
Mailing City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner Name:	FEDEX GROUND PACKAGE SYSTEM INC
Owner Type:	Private
Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
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:	---
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

FEDEX GROUND PACKAGE SYSTEM INC FRESNO (Continued) **1016955108**

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
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:	20140818
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

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:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

FEDEX GROUND PACKAGE SYSTEM INC FRESNO (Continued) **1016955108**

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
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: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U117
Waste Description: ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)

Waste Code: U122
Waste Description: FORMALDEHYDE

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

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FEDEX GROUND PACKAGE SYSTEM INC
Legal Status:	Private
Date Became Current:	20140711
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: FEDEX GROUND PACKAGE SYSTEM INC

FEDEX GROUND PACKAGE SYSTEM INC FRESNO (Continued) **1016955108**

Legal Status:	Private
Date Became Current:	20140711
Date Ended Current:	Not reported
Owner/Operator Address:	1000 FEDEX DR
Owner/Operator City,State,Zip:	MOON TOWNSHIP, PA 15108
Owner/Operator Telephone:	412-262-6291
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140807
Handler Name:	FEDEX GROUND PACKAGE SYSTEM INC FRESNO
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:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	49211
NAICS Description:	COURIERS AND EXPRESS DELIVERY SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A4 **FEDEX GROUND-FRESNO** **CA CUPA Listings** **S117399098**
SSE **3151 S EAST AVE** **N/A**
< 1/8 **FRESNO, CA 93725**
0.063 mi.
331 ft. **Site 3 of 3 in cluster A**

Relative:
Higher

Actual:
283 ft.

CUPA FRESNO:

Name:	FEDEX GROUND-FRESNO
Address:	3151 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0283934
APM Number:	32909018
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name:	FEDEX GROUND-FRESNO
Address:	3151 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported

FEDEX GROUND-FRESNO (Continued) **S117399098**

Facility ID: FA0283934
APM Number: 32909018
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

5
NW
< 1/8
0.070 mi.
372 ft.

HOFFMANN-LA ROCHE
2965 S ANGUS
FRESNO, CA 93745

CA CUPA Listings **S104867135**
N/A

Relative:
Higher

Actual:
282 ft.

CUPA FRESNO:
Name: HOFFMANN-LA ROCHE
Address: 2965 S ANGUS
City,State,Zip: FRESNO, CA 93745
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0269812
APM Number: 32803230S
Program Element: HAZ MAT DISCLOSURE/CLOSED SITE

B6
NNE
< 1/8
0.072 mi.
381 ft.

CENTRAL VALLEY TRAILER REPAIR
2974 S EAST AVE
FRESNO, CA 93725
Site 1 of 3 in cluster B

CA CERS HAZ WASTE **S120698569**
CA CUPA Listings **N/A**
CA HAZNET
CA CERS
CA HWTS

Relative:
Higher

Actual:
282 ft.

CERS HAZ WASTE:
Name: CENTRAL VALLEY TRAILER REPAIR
Address: 2974 S EAST AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 432903
CERS ID: 10755073
CERS Description: Hazardous Waste Generator

CUPA FRESNO:
Name: CENTRAL VALLEY TRAILER REPAIR
Address: 2974 S EAST AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0285222
APM Number: 32803248
Program Element: AUTO REPAIR/MAINTENANCE MODEL PLAN

Name: CENTRAL VALLEY TRAILER REPAIR
Address: 2974 S EAST AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0285222
APM Number: 32803248
Program Element: HAZARDOUS WASTE GENERATOR (SQG)

HAZNET:
Name: CENTRAL VALLEY TRAILER REPAIR

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Address:	2974 S EAST AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 937772427
Contact:	CHRISTINE SHUEMAKE
Telephone:	5592338444
Mailing Name:	Not reported
Mailing Address:	PO BOX 12427
Year:	2019
Gepaid:	CAL000421525
TSD EPA ID:	AZR000515924
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:	0.10000
Year:	2019
Gepaid:	CAL000421525
TSD EPA ID:	AZR000521146
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:	0.18750
Year:	2018
Gepaid:	CAL000421525
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.37400
Year:	2018
Gepaid:	CAL000421525
TSD EPA ID:	AZR000515924
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:	0.17500
Year:	2018
Gepaid:	CAL000421525
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.07500
Year:	2017
Gepaid:	CAL000421525
TSD EPA ID:	CAD097030993
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:	0.475
Year:	2016
Gepaid:	CAL000421525

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

TSD EPA ID:	CAT000646117
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.14

Additional Info:

Year:	2017
Gen EPA ID:	CAL000421525
Shipment Date:	20171222
Creation Date:	8/10/2018 18:30:24
Receipt Date:	20171228
Manifest ID:	017463846JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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:	20170810
Creation Date:	5/29/2018 18:30:34
Receipt Date:	20170821
Manifest ID:	017785914JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170627
Creation Date:	5/20/2018 18:31:51
Receipt Date:	20170707
Manifest ID:	016874981JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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:	5/17/2018 18:31:20
Receipt Date:	20170601
Manifest ID:	016866685JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
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:	20170306
Creation Date:	5/25/2017 18:30:38
Receipt Date:	20170314

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Manifest ID:	015904716JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, 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:	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

CERS:

Name:	CENTRAL VALLEY TRAILER REPAIR
Address:	2974 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	432903
CERS ID:	10755073
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	432903
Site Name:	CENTRAL VALLEY TRAILER REPAIR
Violation Date:	05-17-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/20/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	432903
Site Name:	CENTRAL VALLEY TRAILER REPAIR
Violation Date:	05-17-2017
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 05/18/2017. CUPA Permit has been paid.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-17-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	conducted walk through with Mr. Jim Wyman.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-17-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	conducted walk through with Mr. Jim Wyman.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	432903
Site Name:	CENTRAL VALLEY TRAILER REPAIR
Site Address:	2974 S EAST AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	05-17-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Fresno County Department of Public Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	432903
Site Name:	CENTRAL VALLEY TRAILER REPAIR
Site Address:	2974 S EAST AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	05-17-2017
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Fresno County Department of Public Health
Enf Action Program:	HW
Enf Action Source:	CERS

Coordinates:

Site ID:	432903
Facility Name:	CENTRAL VALLEY TRAILER REPAIR
Env Int Type Code:	HMBP
Program ID:	10755073
Coord Name:	Not reported
Ref Point Type Desc:	Entrance point of a facility or station
Latitude:	36.706329
Longitude:	-119.766830

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271

Affiliation Type Desc:	Identification Signer
Entity Name:	jim Wyman
Entity Title:	Service 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:	Property Owner
Entity Name:	Central Valley Trailer Repair Inc
Entity Title:	Not reported
Affiliation Address:	2974 S East Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93725
Affiliation Phone:	(559) 233-8444

Affiliation Type Desc:	Document Preparer
Entity Name:	Jim Wyman
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:	Jim Wyman
Entity Title:	Not reported
Affiliation Address:	2974 S East Avenue
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2974 S EAST AVE
Affiliation City:	FRESNO
Affiliation State:	CA

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CENTRAL VALLEY TRAILER REPAIR INC
Entity Title:	Not reported
Affiliation Address:	2974 S East Avenue
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93725
Affiliation Phone:	(559) 233-8444
Affiliation Type Desc:	Operator
Entity Name:	CENTRAL VALLEY TRAILER REPAIR
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) 233-8444
Affiliation Type Desc:	Parent Corporation
Entity Name:	CENTRAL VALLEY TRAILER REPAIR
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

HWTS:

Name:	CENTRAL VALLEY TRAILER REPAIR
Address:	2974 S EAST AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000421525
Inactive Date:	Not reported
Create Date:	10/26/2016
Last Act Date:	08/25/2020
Mailing Name:	JIM WYMAN
Mailing Address:	PO BOX 12427
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FRESNO, CA 937772427
Owner Name:	MICHAEL L SHUEMAKE
Owner Address:	2974 S. EAST AVENUE
Owner Address 2:	Not reported
Owner City,State,Zip:	FRESNO, CA 937250000
Contact Name:	CHRISTINE SHUEMAKE
Contact Address:	2974 S. EAST AVENUE
Contact Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725

CENTRAL VALLEY TRAILER REPAIR (Continued) **S120698569**

NAICS:

EPA ID:	CAL000421525
Create Date:	2016-10-26 16:00:50.933
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2016-10-26 16:00:50.83700
Inactive Date:	Not reported
Facility Name:	CENTRAL VALLEY TRAILER REPAIR
Facility Address:	2974 S EAST AVE
Facility Address 2:	Not reported
Facility City:	FRESNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93725

B7 **CENTRAL VALLEY TRAILER REPAIR** **RCRA NonGen / NLR** **1024856975**
NNE **2974 S EAST AVE** **CAL000421525**
< 1/8 **FRESNO, CA 93725**
0.072 mi.
381 ft. **Site 2 of 3 in cluster B**

Relative:
Higher

Actual:
282 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20161026
Handler Name:	CENTRAL VALLEY TRAILER REPAIR
Handler Address:	2974 S EAST AVE
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000421525
Contact Name:	CHRISTINE SHUEMAKE
Contact Address:	2974 S. EAST AVENUE
Contact City,State,Zip:	FRESNO, CA 93725
Contact Telephone:	559-233-8444
Contact Fax:	559-233-9320
Contact Email:	JIM@CVTR.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:	PO BOX 12427
Mailing City,State,Zip:	FRESNO, CA 93777-2427
Owner Name:	MICHAEL L SHUEMAKE
Owner Type:	Other
Operator Name:	CHRISTINE SHUEMAKE
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

CENTRAL VALLEY TRAILER REPAIR (Continued) **1024856975**

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
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:	20180907
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:	MICHAEL L SHUEMAKE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2974 S. EAST AVENUE

CENTRAL VALLEY TRAILER REPAIR (Continued) **1024856975**

Owner/Operator City,State,Zip: FRESNO, CA 93725-0000
Owner/Operator Telephone: 559-233-8444
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHRISTINE SHUEMAKE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2974 S. EAST AVENUE
Owner/Operator City,State,Zip: FRESNO, CA 93725
Owner/Operator Telephone: 559-233-8444
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20161026
Handler Name: CENTRAL VALLEY TRAILER REPAIR
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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8 **WESTERN PARCEL EXPRESS** **RCRA-SQG** **1000905026**
WNW **720 E NORTH ST UNIT 6** **FINDS** **CA0000269589**
< 1/8 **FRESNO, CA 93725** **ECHO**
0.077 mi. **CA HAZNET**
405 ft. **CA HWTS**

Relative:
Higher

Actual:
282 ft.

RCRA-SQG:
Date Form Received by Agency: 19940421
Handler Name: WESTERN PARCEL EXPRESS
Handler Address: 720 E NORTH ST UNIT 6
Handler City,State,Zip: FRESNO, CA 93725
EPA ID: CA0000269589
Contact Name: STEVE SATTERFIELD

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Contact Address:	720 E NORTH ST UNIT 6
Contact City,State,Zip:	FRESNO, CA 93725
Contact Telephone:	209-498-3970
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
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:	E NORTH ST UNIT 6
Mailing City,State,Zip:	FRESNO, CA 93725
Owner Name:	WESTERN PARCEL EXPRESS
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
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:	---
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-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

WESTERN PARCEL EXPRESS (Continued) **1000905026**

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:	20000915
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:	Owner
Owner/Operator Name:	WESTERN PARCEL EXPRESS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7300 PARAMOUNT LN
Owner/Operator City,State,Zip:	PARAMOUNT, CA 90723
Owner/Operator Telephone:	310-633-8395
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19940421
Handler Name:	WESTERN PARCEL EXPRESS
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:	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

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002616287

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: 1000905026
Registry ID: 110002616287
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002616287
Name: WESTERN PARCEL EXPRESS
Address: 720 E NORTH ST UNIT 6
City,State,Zip: FRESNO, CA 93725

HAZNET:
Name: WESTERN PARCEL EXPRESS
Address: 720 E NORTH ST UNIT 6
Address 2: Not reported
City,State,Zip: FRESNO, CA 937250000
Contact: SCOTT ZELLHART
Telephone: 3109066300
Mailing Name: Not reported
Mailing Address: 2998 S ANGUS #108

Year: 1999
Gepaid: CA0000269589
TSD EPA ID: CAT080033681
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: R01 - Recycler
Tons: 0.2502

Year: 1998
Gepaid: CA0000269589
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.025

Year: 1998
Gepaid: CA0000269589
TSD EPA ID: CAD000088252
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H01 - Transfer Station

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Tons:	0.0417
Year:	1998
Gepaid:	CA0000269589
TSD EPA ID:	CAT080033681
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	R01 - Recycler
Tons:	0.0917
Year:	1996
Gepaid:	CA0000269589
TSD EPA ID:	CAD097030993
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	R01 - Recycler
Tons:	0.0208
Year:	1996
Gepaid:	CA0000269589
TSD EPA ID:	CAD008252405
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	R01 - Recycler
Tons:	0.017
Year:	1996
Gepaid:	CA0000269589
TSD EPA ID:	CAD044429835
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	D99 - Disposal, Other
Tons:	0.0175
Year:	1994
Gepaid:	CA0000269589
TSD EPA ID:	WAD092300250
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	0.025
Year:	1994
Gepaid:	CA0000269589
TSD EPA ID:	WAD092300250
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	-
Tons:	0.0015

Additional Info:

Year:	1998
Gen EPA ID:	CA0000269589
Shipment Date:	19981019
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981023
Manifest ID:	98496125
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	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:	19981019
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981023
Manifest ID:	98496126
Trans EPA ID:	CAD982403198
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:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0083
Waste Quantity:	2
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:	19981019
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981023
Manifest ID:	98496126
Trans EPA ID:	CAD982403198
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:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0834

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Waste Quantity:	20
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:	19981019
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981023
Manifest ID:	98496126
Trans EPA ID:	CAD982403198
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:	0.025
Waste Quantity:	50
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:	CA0000269589
Shipment Date:	19961121
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961202
Manifest ID:	96412131
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
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:	R01 - Recycler
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

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961121
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961202
Manifest ID:	96412132
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.017
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:	19960802
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960805
Manifest ID:	95569433
Trans EPA ID:	CAD980673842
Trans Name:	Not reported
Trans 2 EPA ID:	OHD009865825
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	U080
Meth Code:	D99 - Disposal, Other
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

Additional Info:

Year:	1994
Gen EPA ID:	CA0000269589
Shipment Date:	19940518

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940524
Manifest ID:	92114956
Trans EPA ID:	CAD983662917
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009466392
Trans 2 Name:	Not reported
TSDF EPA ID:	WAD092300250
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:	- Not reported
Quantity Tons:	0.025
Waste Quantity:	50
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:	19940518
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940524
Manifest ID:	92114956
Trans EPA ID:	CAD983662917
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009466392
Trans 2 Name:	Not reported
TSDF EPA ID:	WAD092300250
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
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:	1999
Gen EPA ID:	CA0000269589

Shipment Date:	19990225
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990309
Manifest ID:	98512695
Trans EPA ID:	CAL000138484
Trans Name:	Not reported

WESTERN PARCEL EXPRESS (Continued) **1000905026**

Trans 2 EPA ID:	CAD044003556
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:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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

HWTS:

Name:	WESTERN PARCEL EXPRESS
Address:	720 E NORTH ST UNIT 6
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 937250000
EPA ID:	CA0000269589
Inactive Date:	06/30/2000
Create Date:	12/08/1995
Last Act Date:	04/02/2003
Mailing Name:	Not reported
Mailing Address:	2998 S ANGUS #108
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FRESNO, CA 937271936
Owner Name:	WESTERN PARCEL EXPRESS
Owner Address:	9939 NORWALK BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA FE SPRINGS, CA 906700000
Contact Name:	SCOTT ZELLHART
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	SANTA FE SPRINGS, CA 906700000

B9 **ALLIED STORAGE CONTAINERS** **CA CUPA Listings** **S109148469**
NNE **2965 S EAST AVE** **N/A**
< 1/8 **FRESNO, CA 93725**
0.097 mi.
510 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
282 ft.

CUPA FRESNO:

Name:	ALLIED STORAGE CONTAINERS
Address:	2965 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0280612
APM Number:	32803248
Program Element:	HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

C10 **KRAFT FOODS FRESNO BUFFER** **CA CERS HAZ WASTE** **S105980808**
ENE **1055 E NORTH AVE** **CA CUPA Listings** **N/A**
< 1/8 **FRESNO, CA 93725** **CA CERS**
0.113 mi.
599 ft. **Site 1 of 5 in cluster C**

Relative: Higher

Actual: 283 ft.

CERS HAZ WASTE:
Name: KRAFT FOODS FRESNO BUFFER
Address: 1055 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 396011
CERS ID: 10397578
CERS Description: Hazardous Waste Generator

CUPA FRESNO:
Name: KRAFT FOODS FRESNO BUFFER
Address: 1055 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0276577
APM Number: 33002145
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: KRAFT FOODS FRESNO BUFFER
Address: 1055 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0276577
APM Number: 33002145
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

CERS:
Name: KRAFT FOODS FRESNO BUFFER
Address: 1055 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 396011
CERS ID: 10397578
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 396011
Site Name: Kraft Foods Fresno Buffer
Violation Date: 06-18-2014
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 07/18/2014.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 396011
Site Name: Kraft Foods Fresno Buffer
Violation Date: 06-18-2014
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 08/17/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
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 with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

	Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
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:	Returned to compliance on 07/31/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 07/18/2014. operator submitted partial bp online: did not submit ERP and employee training program elements.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 07/18/2014. operator failed to submit erp online.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 08/17/2014.
Violation Division:	Fresno County Department of Public Health

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
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 07/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 07/31/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: had to wait for Mark. He was at another location.
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: told Mark will return to drop off paperwork/reports.
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-18-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 396011
Facility Name: Kraft Foods Fresno Buffer
Env Int Type Code: HMBP
Program ID: 10397578
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 36.690910
Longitude: -119.771150

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Rex Hatter
Entity Title: Plant Manager
Affiliation Address: Not reported
Affiliation City: Not reported

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Environmental Contact
Entity Name:	Vern Grewal
Entity Title:	Not reported
Affiliation Address:	2494 S. Orange Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1055 E. North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	KraftHeinz Foods Company
Entity Title:	Not reported
Affiliation Address:	1 Kraft Ct
Affiliation City:	Northfield
Affiliation State:	IL
Affiliation Country:	United States
Affiliation Zip:	Not reported
Affiliation Phone:	(559) 441-8515
Affiliation Type Desc:	Document Preparer
Entity Name:	Victor Gastelum
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Rex Hatter

KRAFT FOODS FRESNO BUFFER (Continued) **S105980808**

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:	(510) 867-5078
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kraft Foods Fresno Buffer
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

C11 **KRAFT FOODS GROUP INC** **RCRA NonGen / NLR** **1024825118**
ENE **1055 E NORTH AVE** **CAL000350204**
< 1/8 **FRESNO, CA 93725**
0.113 mi.
599 ft. **Site 2 of 5 in cluster C**

Relative: **Higher**

Actual: **283 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20100222
Handler Name:	KRAFT FOODS GROUP INC	
Handler Address:		1055 E NORTH AVE
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAL000350204
Contact Name:		MARK PATTON
Contact Address:		1055 E NORTH AVE
Contact City,State,Zip:		FRESNO, CA 93725
Contact Telephone:		559-593-8299
Contact Fax:		Not reported
Contact Email:		MARK.PATTON@KRAFTFOODS.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:		1055 E NORTH AVE
Mailing City,State,Zip:		FRESNO, CA 93725-0000
Owner Name:		KRAFT FOODS GROUP INC
Owner Type:		Other
Operator Name:		MARK PATTON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No

KRAFT FOODS GROUP INC (Continued) **1024825118**

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
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:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KRAFT FOODS GROUP INC
Legal Status:	Other
Date Became Current:	Not reported

KRAFT FOODS GROUP INC (Continued) **1024825118**

Date Ended Current:	Not reported
Owner/Operator Address:	2494 S. ORANGE AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725-0000
Owner/Operator Telephone:	559-497-7304
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK PATTON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1055 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-593-8299
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100222
Handler Name: KRAFT FOODS GROUP INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	312111
NAICS Description:	SOFT DRINK MANUFACTURING
NAICS Code:	312112
NAICS Description:	BOTTLED WATER MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C12
ENE
1/8-1/4
0.126 mi.
666 ft.

S&S TRANSPORT REFRIGERATION, INC.
1078 E. NORTH AVE.
FRESNO, CA 93725

Site 3 of 5 in cluster C

CA CERS HAZ WASTE
CA CERS

EDR ID Number: S121789501
EPA ID Number: N/A

Relative:
Higher

Actual:
283 ft.

CERS HAZ WASTE:

Name:	S&S TRANSPORT REFRIGERATION, INC.
Address:	1078 E. NORTH AVE.
City,State,Zip:	FRESNO, CA 93725
Site ID:	63658
CERS ID:	10594336
CERS Description:	Hazardous Waste Generator

CERS:

Name:	S&S TRANSPORT REFRIGERATION, INC.
Address:	1078 E. NORTH AVE.
City,State,Zip:	FRESNO, CA 93725
Site ID:	63658
CERS ID:	10594336
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
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 07/24/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-06-2014
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 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:	Returned to compliance on 08/05/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-06-2014
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 08/05/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW

S&S TRANSPORT REFRIGERATION, INC. (Continued) **S121789501**

Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 06/29/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/29/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/29/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/29/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

S&S TRANSPORT REFRIGERATION, INC. (Continued) **S121789501**

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 06/29/2017. Has failed to submit plan online.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/29/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-06-2014
Citation: HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description: Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 08/05/2014.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-06-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health

S&S TRANSPORT REFRIGERATION, INC. (Continued) **S121789501**

Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: also portal assistance.
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-06-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Legal Owner
Entity Name: S&S Transport Refrigeration Inc
Entity Title: Not reported
Affiliation Address: P.O. Box 1433
Affiliation City: Clovis
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93613
Affiliation Phone: (559) 266-4663

Affiliation Type Desc: Operator
Entity Name: Shannon Fleck
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) 266-4663

Affiliation Type Desc: Environmental Contact
Entity Name: Shannon Fleck
Entity Title: Not reported
Affiliation Address: P.O. Box 1433
Affiliation City: Clovis

S&S TRANSPORT REFRIGERATION, INC. (Continued) **S121789501**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93613
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	S&S Transport Refrigeration, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93613
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Julie Romero
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Shannon Fleck
Entity Title:	President
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:	Property Owner
Entity Name:	Shannon D. Fleck
Entity Title:	Not reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93613
Affiliation Phone:	(559) 266-4663

C13 **S & S TRANSPORT REFRIGERATION** **RCRA NonGen / NLR** **1024807786**
ENE **1078 E NORTH AVE** **CAL000276155**
1/8-1/4 **FRESNO, CA 93725**
0.126 mi.
666 ft. **Site 4 of 5 in cluster C**

Relative:
Higher

Actual:
283 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20031107
Handler Name:	S & S TRANSPORT REFRIGERATION
Handler Address:	1078 E NORTH AVE
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000276155
Contact Name:	SHANNON FLECK
Contact Address:	PO BOX 1433
Contact City,State,Zip:	CLOVIS, CA 93613
Contact Telephone:	559-266-4663
Contact Fax:	559-266-4916
Contact Email:	SSTRANSPORTREFRIG@SBCGLOBAL.NET
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:	PO BOX 1433
Mailing City,State,Zip:	CLOVIS, CA 93613-0000
Owner Name:	SHANNON FLECK
Owner Type:	Other
Operator Name:	SHANNON FLECK
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

S & S TRANSPORT REFRIGERATION (Continued) **1024807786**

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
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:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHANNON FLECK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 1433
Owner/Operator City,State,Zip:	CLOVIS, CA 93613
Owner/Operator Telephone:	559-266-4663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHANNON FLECK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1078 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725-0000
Owner/Operator Telephone:	559-266-4663
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

S & S TRANSPORT REFRIGERATION (Continued) **1024807786**

Historic Generators:
- Receive Date: 20031107
- Handler Name: S & S TRANSPORT REFRIGERATION
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

C14 **S&S TRANSPORT REFRIGERATION** **CA CUPA Listings** **S105511443**
ENE **1078 E NORTH** **N/A**
1/8-1/4 **FRESNO, CA 93725**
0.126 mi.
666 ft. **Site 5 of 5 in cluster C**

Relative: **Higher**

Actual: **283 ft.**

CUPA FRESNO:
- Name: S&S TRANSPORT REFRIGERATION
- Address: 1078 E NORTH
- City,State,Zip: FRESNO, CA 93725
- Region: FRESNO
- Cross Street: Not reported
- Facility ID: FA0271950
- APM Number: 48703108
- Program Element: AUTO REPAIR/MAINTENANCE MODEL PLAN

- Name: S&S TRANSPORT REFRIGERATION
- Address: 1078 E NORTH
- City,State,Zip: FRESNO, CA 93725
- Region: FRESNO
- Cross Street: Not reported
- Facility ID: FA0271950
- APM Number: 48703108
- Program Element: HAZARDOUS WASTE GENERATOR (SQG)

D15 **ELECTRONIC RECYCLERS INTERNATIONAL INC** **RCRA NonGen / NLR** **1024863760**
SSE **3243 S EAST AVE STE 102** **CAL000432310**
1/8-1/4 **FRESNO, CA 93725**
0.180 mi.
948 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
283 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20171122
Handler Name:	ELECTRONIC RECYCLERS INTERNATIONAL INC
Handler Address:	3243 S EAST AVE STE 102
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000432310
Contact Name:	AARON BLUM
Contact Address:	7815 N PALM AVE STE 140
Contact City,State,Zip:	FRESNO, CA 93711
Contact Telephone:	559-442-3968
Contact Fax:	559-442-3999
Contact Email:	ABLUM@ERIDIRECT.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:	7815 N PALM AVE STE 140
Mailing City,State,Zip:	FRESNO, CA 93711
Owner Name:	ELECTRONIC RECYCLERS INT INC
Owner Type:	Other
Operator Name:	AARON BLUM
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

ELECTRONIC RECYCLERS INTERNATIONAL INC (Continued) **1024863760**

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
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:	20180907
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:	ELECTRONIC RECYCLERS INT INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N PALM AVE STE 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-442-3968
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AARON BLUM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N PALM AVE STE 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-442-3968
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ELECTRONIC RECYCLERS INTERNATIONAL INC (Continued) **1024863760**

Historic Generators:
Receive Date: 20171122
Handler Name: ELECTRONIC RECYCLERS INTERNATIONAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D16 **ELECTRONIC RECYCLERS OF AMERICA** **CA CERS HAZ WASTE** **S121141846**
SSE **3243 S EAST AVE #104** **CA CUPA Listings** **N/A**
1/8-1/4 **FRESNO, CA 93725** **CA CERS**
0.180 mi.
948 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
283 ft.

CERS HAZ WASTE:
Name: ELECTRONIC RECYCLERS OF AMERICA
Address: 3243 S EAST AVE #104
City,State,Zip: FRESNO, CA 93725
Site ID: 518712
CERS ID: 10695985
CERS Description: Hazardous Waste Generator

CUPA FRESNO:
Name: ELECTRONIC RECYCLERS OF AMERICA
Address: 3243 S EAST AVE #104
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0281736
APM Number: 32911011S
Program Element: MV FUEL/OIL/PROPANE ONLY IN AGST/UST MODEL PL

Name: ELECTRONIC RECYCLERS OF AMERICA
Address: 3243 S EAST AVE #104
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0281736

ELECTRONIC RECYCLERS OF AMERICA (Continued) **S121141846**

APM Number: 32911011S
Program Element: HAZARDOUS WASTE GENERATOR (LQG)

CERS:
Name: ELECTRONIC RECYCLERS OF AMERICA
Address: 3243 S EAST AVE #104
City,State,Zip: FRESNO, CA 93725
Site ID: 518712
CERS ID: 10695985
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Aaron Blum
Entity Title: Not reported
Affiliation Address: 7815 N. Palm Avenue, Ste. 140
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93711
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 7815 N. Palm Avenue, Ste. 140
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93711
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Aaron Blum
Entity Title: Chief Operations and Compliance Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **S121141846**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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) 442-3968
Affiliation Type Desc:	Document Preparer
Entity Name:	Kathy Doyle
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:	Legal Owner
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA LLC
Entity Title:	Not reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93711
Affiliation Phone:	(559) 442-3968
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Parent Corporation
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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

D17 ELECTRONIC RECYCLERS OF AMERICA **RCRA-LQG 1012176363**
SSE 3243 S EAST AVE **PADS CAR000202937**
1/8-1/4 FRESNO, CA 93725
0.180 mi.
948 ft. Site 3 of 6 in cluster D

Relative: **Higher**

Actual: **283 ft.**

RCRA-LQG:

Date Form Received by Agency:	20200226
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
Handler Address:	3243 S. EAST AVE SUITE 108
Handler City,State,Zip:	FRESNO, CA 93725-0000
EPA ID:	CAR000202937
Contact Name:	AARON BLUM
Contact Address:	N. PALM AVENUE, SUITE 140
Contact City,State,Zip:	FRESNO, CA 93711
Contact Telephone:	559-442-3968
Contact Fax:	Not reported
Contact Email:	ABLUM@ERIDIRECT.COM
Contact Title:	CHIEF OPERATING AND COMPLIANCE OFFICER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	N PALM AVENUE, SUITE 140
Mailing City,State,Zip:	FRESNO, CA 93711
Owner Name:	OVERBORED, LP DIVERSIFIED DEVELOPMENT
Owner Type:	Private
Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
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:	Yes
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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:	20201015
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

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
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:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

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: D019
Waste Description: CARBON TETRACHLORIDE

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: U188
Waste Description: PHENOL

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ELECTRONIC RECYCLERS OF AMERICA, LLC
Legal Status: Private
Date Became Current: 20100601
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: OVERBORED LP DIVERSIFIED DEVELOPMENT
Legal Status: Private
Date Became Current: 20061101
Date Ended Current: Not reported
Owner/Operator Address: 600 W SHAW AVE

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OVERBORED LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 W SHAW AVE STE 160
Owner/Operator City,State,Zip:	FRESNO, CA 93704
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:	OVERBORED, LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 WEST SHAW AVENUE, SUITE 160
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
Date Ended Current:	Not reported
Owner/Operator Address:	3243 SOUTH EAST AVENUE SUITE 108
Owner/Operator City,State,Zip:	FRESNO, CA 93725
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:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
Date Ended Current:	Not reported
Owner/Operator Address:	3243 SE AVENUE STE 108
Owner/Operator City,State,Zip:	FRESNO, CA 93725
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:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Date Became Current:	20081201
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N. PALM AVENUE, SUITE 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-442-3968
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ABLUM@ERIDIRECT.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N. PALM AVENUE, SUITE 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-442-3968
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ABLUM@ERIDIRECT.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS INTERNATIONAL INC
Legal Status:	Private
Date Became Current:	20081201
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:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
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:	DIVERSIFIED DEVELOPMENT GROUP
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	7519 N. INGRAM AVENUE, SUITE 104
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OVERBORED LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 W SHAW AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
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:	COASTAL CRUISING
Legal Status:	Private
Date Became Current:	20050526
Date Ended Current:	Not reported
Owner/Operator Address:	600 WEST SHAW AVENUE, SUITE 160
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OVERBORED LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 W SHAW AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93704
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:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20081201
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DIVERSIFIED DEVELOPMENT GROUP
Legal Status: Private
Date Became Current: 20061101
Date Ended Current: Not reported
Owner/Operator Address: 7519 N. INGRAM AVENUE, SUITE 104
Owner/Operator City,State,Zip: FRESNO, CA 93711
Owner/Operator Telephone: 559-225-6363
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELECTRONIC RECYCLERS OF AMERICA, LLC
Legal Status: Private
Date Became Current: 20081201
Date Ended Current: Not reported
Owner/Operator Address: 3243 S EAST AVENUE #108
Owner/Operator City,State,Zip: FRESNO, CA 93725
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: OVERBORED, LP DIVERSIFIED DEVELOPMENT
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 7519 NORTH INGRAM, STE. 104
Owner/Operator City,State,Zip: FRESNO, CA 93711
Owner/Operator Telephone: 559-225-6363
Owner/Operator Telephone Ext: 8
Owner/Operator Fax: Not reported
Owner/Operator Email: MARCUS@DDGINC.NET

Owner/Operator Indicator: Owner
Owner/Operator Name: OVERBORED, LP DIVERSIFIED DEVELOPMENT
Legal Status: Private
Date Became Current: 20161101
Date Ended Current: Not reported
Owner/Operator Address: 7519 NORTH INGRAM, STE. 104
Owner/Operator City,State,Zip: FRESNO, CA 93711
Owner/Operator Telephone: 559-225-6363
Owner/Operator Telephone Ext: 8
Owner/Operator Fax: Not reported
Owner/Operator Email: MARCUS@DDGINC.NET

Historic Generators:
Receive Date: 20100928
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	20121102
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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:	20140301
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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:	20160301
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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:	20180514
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200226
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
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: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20090924
Handler Name: ELECTRONIC RECYCLERS INTERNATIONAL INC
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: 20100525
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
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: 20130115
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
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: 20180329
Handler Name: ELECTRONIC RECYCLERS OF AMERICA

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	42393
NAICS Description:	RECYCLABLE MATERIAL MERCHANT WHOLESALERS
NAICS Code:	423930
NAICS Description:	RECYCLABLE MATERIAL MERCHANT WHOLESALERS
NAICS Code:	56292
NAICS Description:	MATERIALS RECOVERY FACILITIES

Facility Has Received Notices of Violation:

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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20200925
Actual Return to Compliance Date:	20200930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	517
Date of Enforcement Action:	20200925
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:	State Statute or Regulation
Date Violation was Determined:	20200619
Actual Return to Compliance Date:	20200717
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	516
Date of Enforcement Action:	20200619
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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: Universal Waste - General
Date Violation was Determined: 20140812
Actual Return to Compliance Date: 20140916
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20140915
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	Universal Waste - General
Date Violation was Determined:	20150824
Actual Return to Compliance Date:	20150824
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	307
Date of Enforcement Action:	20150825
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	State Statute or Regulation
Date Violation was Determined:	20200925
Actual Return to Compliance Date:	20200930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	317
Date of Enforcement Action:	20200925
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	Universal Waste - General
Date Violation was Determined:	20140812
Actual Return to Compliance Date:	20140812
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	505
Date of Enforcement Action:	20140915
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - General
Date Violation was Determined:	20140812
Actual Return to Compliance Date:	20140916
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	505
Date of Enforcement Action:	20140915
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:	Universal Waste - General
Date Violation was Determined:	20140812
Actual Return to Compliance Date:	20140916
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	305
Date of Enforcement Action:	20140915
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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: Universal Waste - General
Date Violation was Determined: 20140812
Actual Return to Compliance Date: 20140916
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 505
Date of Enforcement Action: 20140915
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	State Statute or Regulation
Date Violation was Determined:	20110928
Actual Return to Compliance Date:	20120412
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	500
Date of Enforcement Action:	20120223
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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: Universal Waste - General
Date Violation was Determined: 20140812
Actual Return to Compliance Date: 20140916
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 305
Date of Enforcement Action: 20140915
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Universal Waste - General
Date Violation was Determined:	20150824
Actual Return to Compliance Date:	20150824
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	507
Date of Enforcement Action:	20150825
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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: State Statute or Regulation
Date Violation was Determined: 20200619
Actual Return to Compliance Date: 20200717
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 316
Date of Enforcement Action: 20200619
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20110928
Actual Return to Compliance Date:	20120412
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	300
Date of Enforcement Action:	20120223
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 20140812
Actual Return to Compliance Date: 20140812
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 305
Date of Enforcement Action: 20140915
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: Universal Waste - General
Date Violation was Determined: 20140812
Actual Return to Compliance Date: 20140916
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 305
Date of Enforcement Action: 20140915
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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

Evaluation Action Summary:
Evaluation Date: 20190927
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
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: 20200925
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20200930
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: 20200619
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20200717

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
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:	20140926
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20150824
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150824
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:	20180917
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Evaluation Date:	20160922
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20121004
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOLLOW-UP INSPECTION
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:	20150923
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20161006
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20200925
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200930
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140812
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20201022
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20110928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120412
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
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:	20150824
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20150824
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:	20170918
Evaluation Responsible Agency:	State

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20180921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20130829
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20170824
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20200619
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200717

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

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:	20110928
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120412
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:	20121004
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20130930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140812
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Evaluation Date:	20140812
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140916
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

PADS:

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE
Address 2:	STE 108
City,State,Zip:	FRESNO, CA 93725
EDR ID:	1012176363
EPAID:	CAR000202937

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1012176363**

Region:	9
Generator:	Y
Storer:	N
Disposer:	N
Transporter:	N
Smelter:	N
Research Facility:	N
Mailing Address:	PO BOX 2428
Mailing Address 2:	Not reported
Mailing City:	FRESNO
Mailing State:	CA
Mailing Zip:	93745
Mailing Country:	US
Owner Name:	ELECTRONIC RECYCLERS OF AMERICA
Certification Date:	08/12/2010
Contact Name:	RHONDA R GRADY
Contact Title:	EHS DIRECTOR
Contact Telephone:	603-997-6804
Contact Text:	Not reported
Contact Email:	Not reported

D18 **ELECTRONIC RECYCLERS OF AMERICA** **CA CERS HAZ WASTE** **S121141829**
SSE **3243 S EAST AVE #108** **CA CUPA Listings** **N/A**
1/8-1/4 **FRESNO, CA 93725** **CA CERS**
0.180 mi.
948 ft. **Site 4 of 6 in cluster D**

Relative:
Higher

Actual:
283 ft.

CERS HAZ WASTE:

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Site ID:	378507
CERS ID:	10695979
CERS Description:	Hazardous Waste Generator

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Site ID:	378507
CERS ID:	10695979
CERS Description:	RCRA LQ HW Generator

CUPA FRESNO:

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0281610
APM Number:	32911011S
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **S121141829**

Facility ID: FA0281610
APM Number: 32911011S
Program Element: HAZARDOUS WASTE GENERATOR (LQG)

CERS:
Name: ELECTRONIC RECYCLERS OF AMERICA
Address: 3243 S EAST AVE #108
City,State,Zip: FRESNO, CA 93725
Site ID: 378507
CERS ID: 10695979
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 378507
Site Name: ELECTRONIC RECYCLERS OF AMERICA
Violation Date: 03-11-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 04/28/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 378507
Site Name: ELECTRONIC RECYCLERS OF AMERICA
Violation Date: 03-11-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/28/2015. used oil drum not reported.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 378507
Site Name: ELECTRONIC RECYCLERS OF AMERICA
Violation Date: 03-11-2015
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 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: Returned to compliance on 03/11/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: No
Eval Type: Routine done by local agency

ELECTRONIC RECYCLERS OF AMERICA (Continued) **S121141829**

Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Document Preparer
Entity Name: Kathy Doyle
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Aaron Blum
Entity Title: Chief Operating and Compliance Officer
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: ELECTRONIC RECYCLERS OF AMERICA LLC
Entity Title: Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **S121141829**

Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93711
Affiliation Phone:	(559) 442-3968
Affiliation Type Desc:	Environmental Contact
Entity Name:	Aaron Blum
Entity Title:	Not reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93711
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93711
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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) 442-3968
Affiliation Type Desc:	Parent Corporation
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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

D19 **ELECTRONIC RECYCLERS INTERNATIONAL INC** **RCRA NonGen / NLR** **1024848203**
SSE **3243 S EAST AVE STE 103** **CAL000403623**
1/8-1/4 **FRESNO, CA 93725**
0.180 mi.
948 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
283 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20150113
Handler Name:	ELECTRONIC RECYCLERS INTERNATIONAL INC
Handler Address:	3243 S EAST AVE STE 103
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000403623
Contact Name:	DAVID HASSAN
Contact Address:	7815 N. PALM AVE STE. 140
Contact City,State,Zip:	FRESNO, CA 93711
Contact Telephone:	559-417-5983
Contact Fax:	559-579-1340
Contact Email:	DAVID.REVIS@ERIDIRECT.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:	7815 N. PALM AVE STE 140
Mailing City,State,Zip:	FRESNO, CA 93711
Owner Name:	ELECTRONIC RECYCLERS OF AMERICA
Owner Type:	Other
Operator Name:	DAVID HASSAN
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

ELECTRONIC RECYCLERS INTERNATIONAL INC (Continued) **1024848203**

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
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:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID HASSAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N. PALM AVE STE. 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-417-5983
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7815 N. PALM AVE STE 140
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-442-3960
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ELECTRONIC RECYCLERS INTERNATIONAL INC (Continued) **1024848203**

Historic Generators:
Receive Date: 20150113
Handler Name: ELECTRONIC RECYCLERS INTERNATIONAL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42193
NAICS Description: RECYCLABLE MATERIAL WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D20 **ELECTRONIC RECYCLERS OF AMERICA** **RCRA-LQG** **1014387356**
SSE **3243 S EAST AVENUE #104** **US FIN ASSUR** **CAR000208496**
1/8-1/4 **FRESNO, CA 93725**
0.180 mi.
948 ft. **Site 6 of 6 in cluster D**

Relative: **Higher**
Actual: **283 ft.**

RCRA-LQG:
Date Form Received by Agency: 20160229
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
Handler Address: 3243 S EAST AVENUE #104
Handler City,State,Zip: FRESNO, CA 93725
EPA ID: CAR000208496
Contact Name: AARON BLUM
Contact Address: P.O. BOX 2428
Contact City,State,Zip: FRESNO, CA 93725
Contact Telephone: 559-442-3968
Contact Fax: Not reported
Contact Email: ABLUM@ELECTRONICRECYCLERS.COM
Contact Title: CHIEF COMPLIANCE OFFICER/CO-FOUNDER
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2015
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: S EAST AVENUE #104
Mailing City,State,Zip: FRESNO, CA 93725
Owner Name: DIVERSIFIED DEVELOPMENT GROUP

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Owner Type:	Private
Operator Name:	ELECTRONIC RECYCLERS OF AMERICA, LLC
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:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
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:	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-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
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:	20161104
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D005
Waste Description: BARIUM

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OVERBORED, LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 SHAW AVENUE
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DIVERSIFIED DEVELOPMENT GROUP
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	7519 N. INGRAM AVENUE,
Owner/Operator City,State,Zip:	FRESNO, CA 93711
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA
Legal Status:	Private
Date Became Current:	20100601
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:	ELECTRONIC RECYCLERS OF AMERICA

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Legal Status:	Private
Date Became Current:	20100601
Date Ended Current:	Not reported
Owner/Operator Address:	600 WEST SHAW AVENUE, SUITE 160
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELECTRONIC RECYCLERS OF AMERICA, LLC
Legal Status:	Private
Date Became Current:	20100601
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:	OVERBORED LP DIVERSIFIED DEVELOPMENT
Legal Status:	Private
Date Became Current:	20061101
Date Ended Current:	Not reported
Owner/Operator Address:	600 W SHAW AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93704
Owner/Operator Telephone:	559-225-6363
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120301
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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:	20160229
Handler Name:	ELECTRONIC RECYCLERS OF AMERICA
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100518
Handler Name: ELECTRONIC RECYCLERS OF AMERICA
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: 42393
NAICS Description: RECYCLABLE MATERIAL MERCHANT WHOLESALERS

Facility Has Received Notices of Violation:
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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:	State Statute or Regulation
Date Violation was Determined:	20200925
Actual Return to Compliance Date:	20200930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	515
Date of Enforcement Action:	20200925
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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:	State Statute or Regulation
Date Violation was Determined:	20200925
Actual Return to Compliance Date:	20200930
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	315
Date of Enforcement Action:	20200925
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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

Evaluation Action Summary:
Evaluation Date: 20110929
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
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: 20170918
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
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: 20100628
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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:	20170824
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20160922
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20130829
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20150902
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Evaluation Date:	20180921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20200925
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200930
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:	20201022
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20161006
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20140926
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

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:	20150824
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20180917
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20130930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
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:	20190927
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140812
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
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:	20200925
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200930
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

US FIN ASSUR:

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVENUE #104
City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAR000208496
County:	Not reported
Mechanism type:	L
Mechanism Type Description:	LETTER OF CREDIT
Cost estimate:	122909.42
Face value:	122909.42
Effective date:	2010-07-02 00:00:00
Provider:	WELLS FARGO BANK
EPA region:	9
Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVENUE #104
City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAR000208496
County:	Not reported
Mechanism type:	I

ELECTRONIC RECYCLERS OF AMERICA (Continued) **1014387356**

Mechanism Type Description:	INSURANCE
Cost estimate:	8000000
Face value:	4000000
Effective date:	2010-01-12 00:00:00
Provider:	CHARTIS SPECIALTY INS. COMP.
EPA region:	9

E21 **FRESNO BRANCH** **CA HIST UST** **S118410376**
ENE **1150 EAST NORTH AVENUE** **N/A**
1/8-1/4 **FRESNO, CA 93745**
0.205 mi.
1081 ft. **Site 1 of 9 in cluster E**

Relative: **Higher**
Actual: **283 ft.**

HIST UST:

Name:	FRESNO BRANCH
Address:	1150 EAST NORTH AVENUE
City,State,Zip:	FRESNO, CA 93745
File Number:	00024F57
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024F57.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

E22 **PEPSI-COLA BOTTLING CO** **CA LUST** **S105023828**
ENE **1150 NORTH AVE E** **CA Cortese** **N/A**
1/8-1/4 **FRESNO, CA 93725** **CA HIST CORTESE**
0.205 mi. **CA CERS**
1081 ft. **Site 2 of 9 in cluster E**

Relative: **Higher**
Actual: **283 ft.**

LUST REG 5:

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City:	FRESNO
Region:	5
Status:	Case Closed
Case Number:	5T10000361
Case Type:	Soil only
Substance:	MOTOR OIL

PEPSI-COLA BOTTLING CO (Continued) **S105023828**

Staff Initials: DAM
Lead Agency: Local
Program: LUST
MTBE Code: N/A

CORTESE:

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0601900354
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

HIST CORTESE:

edr_fname:	PEPSI-COLA BOTTLING CO
edr_fadd1:	1150 E.
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Facility County Code:	10
Reg By:	LTNKA
Reg Id:	5T10000361

CERS:

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City,State,Zip:	FRESNO, CA 93725
Site ID:	221048
CERS ID:	T0601900354
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title:	Not reported
Affiliation Address:	1221 Fulton Street
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported

PEPSI-COLA BOTTLING CO (Continued) **S105023828**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

E23 **PEPSI COLA SAN JOAQUIN BOTTING** **CA SWEEPS UST** **S101581475**
ENE **1150 E NORTH AVE** **CA FID UST** **N/A**
1/8-1/4 **FRESNO, CA 93725** **CA CHMIRS**
0.205 mi.
1081 ft. **Site 3 of 9 in cluster E**

Relative:
Higher

Actual:
283 ft.

SWEEPS UST:

Name:	PEPSI COLA SAN JOAQUIN BOTTING
Address:	1150 E NORTH AVE
City:	FRESNO
Status:	Not reported
Comp Number:	68420
Number:	Not reported
Board Of Equalization:	44-004729
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-068420-000001
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	PEPSI COLA SAN JOAQUIN BOTTING
Address:	1150 E NORTH AVE
City:	FRESNO
Status:	Not reported
Comp Number:	68420
Number:	Not reported
Board Of Equalization:	44-004729
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-068420-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

Name:	PEPSI COLA SAN JOAQUIN BOTTING
Address:	1150 E NORTH AVE
City:	FRESNO
Status:	Not reported
Comp Number:	68420
Number:	Not reported
Board Of Equalization:	44-004729

PEPSI COLA SAN JOAQUIN BOTTING (Continued) **S101581475**

Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-068420-000004
Tank Status: Not reported
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: PEPSI COLA SAN JOAQUIN BOTTING
Address: 1150 E NORTH AVE
City: FRESNO
Status: Not reported
Comp Number: 68420
Number: Not reported
Board Of Equalization: 44-004729
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-068420-000005
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: MOTOR OIL (F
Number Of Tanks: Not reported

Name: PEPSI COLA SAN JOAQUIN BOTTLNG
Address: 1150 E NORTH AVE
City: FRESNO
Status: Active
Comp Number: 68420
Number: 1
Board Of Equalization: 44-004729
Referral Date: 05-06-93
Action Date: 11-01-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-068420-000003
Tank Status: A
Capacity: 12000
Active Date: 10-24-90
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

CA FID UST:
Facility ID: 10001400
Regulated By: UTNKA
Regulated ID: 00068420

PEPSI COLA SAN JOAQUIN BOTTING (Continued) **S101581475**

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2094855050
Mail To: Not reported
Mailing Address: 1150 E NORTH AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93725
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:
Name: Not reported
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA
OES Incident Number: 5-5630
OES notification: 09/28/2005
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Responsible Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported

PEPSI COLA SAN JOAQUIN BOTTING (Continued) **S101581475**

Date/Time:	Not reported
Year:	2005
Agency:	Pepsi
Incident Date:	9/26/200512:00:00 AM
Admin Agency:	Fresno County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Diesel
Gallons:	5
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Truck backed up into the saddle tank of another truck causing puncture.

E24
ENE
1/8-1/4
0.205 mi.
1081 ft.

BOTTLING GROUP, LLC
1150 E NORTH AVE
FRESNO, CA 93725

Site 4 of 9 in cluster E

RCRA-SQG **1000381941**
CA LUST **CAD981445984**
CA NPDES
CA CIWQS
CA CERS

Relative: Higher
Actual: 283 ft.

RCRA-SQG:

Date Form Received by Agency:		20200417
Handler Name:	BOTTLING GROUP, LLC	
Handler Address:		1150 E NORTH AVE
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAD981445984
Contact Name:		TED NORWOOD
Contact Address:		E NORTH AVE
Contact City,State,Zip:		FRESNO, CA 93725
Contact Telephone:		559-495-4392
Contact Fax:		Not reported
Contact Email:		TED.NORWOOD@PEPSICO.COM
Contact Title:		EHS MANAGER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		5

BOTTLING GROUP, LLC (Continued) **1000381941**

Mailing Address:	E NORTH AVE
Mailing City,State,Zip:	FRESNO, CA 93725
Owner Name:	BOTTLING GROUP, LLC
Owner Type:	Private
Operator Name:	BOTTLING GROUP, LLC
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:	---
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
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:	20200420
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

BOTTLING GROUP, LLC (Continued) **1000381941**

Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2019

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: D035
Waste Description: METHYL ETHYL KETONE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BOTTLING GROUP, LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1111 WESTCHESTER AVENUE
Owner/Operator City,State,Zip: WHITE PLAINS, NY 10604
Owner/Operator Telephone: 999-999-9999
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BOTTLING GROUP, LLC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1150 E NORTH AVE
Owner/Operator City,State,Zip: FRESNO, CA 93725
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: GRANDMET USA INC
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

BOTTLING GROUP, LLC (Continued) **1000381941**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1150 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	602-437-7044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1111 WESTCHESTER AVENUE
Owner/Operator City,State,Zip:	WHITE PLAINS, NY 10604
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200417
Handler Name: BOTTLING GROUP, LLC	
Federal Waste Generator Description:	Small 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:	No
Electronic Manifest Broker:	No

Receive Date:	19860915
Handler Name: PEPSI COLA SAN JOAQUIN	
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:	20200417
Handler Name: BOTTLING GROUP, LLC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

BOTTLING GROUP, LLC (Continued) **1000381941**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 312111
NAICS Description: SOFT DRINK MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:
Name: PEPSI-COLA BOTTLING CO
Address: 1150 NORTH AVE E
City,State,Zip: FRESNO, CA 93725
Lead Agency: FRESNO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900354
Global Id: T0601900354
Latitude: 36.6923253
Longitude: -119.7691237
Status: Completed - Case Closed
Status Date: 11/23/1993
Case Worker: EHD
RB Case Number: 5T10000361
Local Agency: FRESNO COUNTY
File Location: Not reported
Local Case Number: FA0170146
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0601900354
Contact Type: Local Agency Caseworker
Contact Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name: FRESNO COUNTY
Address: 1221 Fulton Street
City: Fresno
Email: environmentalhealth@fresnocountyca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900354
Action Type: Other
Date: 07/08/1991
Action: Leak Discovery

BOTTLING GROUP, LLC (Continued) **1000381941**

Global Id: T0601900354
Action Type: Other
Date: 07/02/1991
Action: Leak Stopped

Global Id: T0601900354
Action Type: Other
Date: 07/09/1991
Action: Leak Reported

LUST:
Global Id: T0601900354
Status: Open - Case Begin Date
Status Date: 07/02/1991

Global Id: T0601900354
Status: Completed - Case Closed
Status Date: 11/23/1993

NPDES:
Name: PEPSI BOTTLING GROUP
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
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: 5F10I019227
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: Active
Status Date: 12/22/2004
Operator Name: Pepsi Bottling Group
Operator Address: 1150 E North Ave
Operator City: Fresno
Operator State: California
Operator Zip: 93725

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 5F
Regulatory Measure ID: 281885

BOTTLING GROUP, LLC (Continued) **1000381941**

Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5F10I019227
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/22/2004
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pepsi Bottling Group
Discharge Address:	1150 E North Ave
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported

BOTTLING GROUP, LLC (Continued) **1000381941**

Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5F
Regulatory Measure ID:	281885
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5F10I019227
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	12/22/2004
Status:	Active
Status Date:	12/22/2004
Place Size:	46.85
Place Size Unit:	Acres
Contact:	Steve Ryan
Contact Title:	Not reported
Contact Phone:	559-495-4404
Contact Phone Ext:	Not reported
Contact Email:	steven.ryan@pepsico.com
Operator Name:	Pepsi Bottling Group
Operator Address:	1150 E North Ave
Operator City:	Fresno
Operator State:	California
Operator Zip:	93725
Operator Contact:	Steve Ryan
Operator Contact Title:	Not reported
Operator Contact Phone:	559-495-4404
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	steven.ryan@pepsico.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported

BOTTLING GROUP, LLC (Continued) **1000381941**

Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	559-485-5050
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	FMFCD Infiltration Basin AW-2
Certifier:	Steve Ryan
Certifier Title:	Plant Director
Certification Date:	05-MAR-15
Primary Sic:	2086-Bottled and Canned Soft Drinks and Carbonated Waters
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Facility Status:	Active
NPDES Number:	CAS000001
Region:	5F
Agency Number:	0
Regulatory Measure ID:	281885
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	5F10I019227
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/22/2004
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1150 E North Ave
Discharge Name:	Pepsi Bottling Group
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725
Status:	Not reported

BOTTLING GROUP, LLC (Continued) **1000381941**

Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5F
Regulatory Measure ID:	281885
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5F10I019227
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/22/2004
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pepsi Bottling Group
Discharge Address:	1150 E North Ave
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported

BOTTLING GROUP, LLC (Continued) **1000381941**

Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	5F
Regulatory Measure ID:	281885
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	5F10I019227
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	12/22/2004
Status:	Active
Status Date:	12/22/2004
Place Size:	46.85
Place Size Unit:	Acres
Contact:	Steve Ryan
Contact Title:	Not reported
Contact Phone:	559-495-4404
Contact Phone Ext:	Not reported
Contact Email:	steven.ryan@pepsico.com
Operator Name:	Pepsi Bottling Group

BOTTLING GROUP, LLC (Continued) **1000381941**

Operator Address:	1150 E North Ave
Operator City:	Fresno
Operator State:	California
Operator Zip:	93725
Operator Contact:	Steve Ryan
Operator Contact Title:	Not reported
Operator Contact Phone:	559-495-4404
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	steven.ryan@pepsico.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	559-485-5050
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	FMFCD Infiltration Basin AW-2
Certifier:	Steve Ryan
Certifier Title:	Plant Director
Certification Date:	05-MAR-15
Primary Sic:	2086-Bottled and Canned Soft Drinks and Carbonated Waters
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Agency:	Pepsi Bottling Group
Agency Address:	1150 E North Ave, Fresno, CA 93725
Place/Project Type:	Industrial - Bottled and Canned Soft Drinks and Carbonated Waters
SIC/NAICS:	2086
Region:	5F
Program:	INDSTW
Regulatory Measure Status:	Active

BOTTLING GROUP, LLC (Continued) **1000381941**

Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5F10I019227
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/22/2004
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	36.6923
Longitude:	-119.76844

CERS:

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	539275
CERS ID:	620452
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-30-2016
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Central Valley Regional Water Quality Control Board Scientific Aid Scott Yuen and I conducted an inspection of Pepsi Bottling Group (Pepsi) to assess compliance with 2014-0057-DWQ Storm Water Industrial General Permit on 30 March 2016. We arrived at the facility at 12:14 PM and met with Steve Ryan (Plant Director) and Adam Merrill (Product Availability Manager). I reviewed their onsite Storm Water Pollution Prevention Plan (SWPPP) and analytical results for their completed sampling events. The SWPPP appeared to be complete. Pepsi includes storm water training records for their employees, in their Human Resources department. We asked and received permission to inspect the facility as well as take photographs. Mr. Merrill led us through the facility to conduct the inspection. I observed Good Housekeeping throughout the facility. I was informed by Mr. Merrill, a street cleaner is used in the facility weekly and a thorough cleaning of the facility is completed twice in a quarter. Pepsi allowed storm water exposed to industrial materials comingle with wastewater in the shell storage and loading/unloading dock area, because it flows to their wastewater treatment plant. I observed spill prevention kits near the battery charging station and propane area. Most of the drains were clean and had spill prevention kits nearby. I concluded my inspection, and left the facility at approximately 1:20 PM.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Enforcement Action:

Site ID:	539275

BOTTLING GROUP, LLC (Continued) **1000381941**

Site Name:	Pepsi Bottling Group
Site Address:	1150 E NORTH AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	04-03-2012
Enf Action Type:	Staff Enforcement Letter
Enf Action Description:	Staff Enforcement Letter
Enf Action Notes:	Letter on 3 April 2012 from Fresno Office, RWQCB commenting on exceeding benchmark values for storm water runoff
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Site ID:	539275
Site Name:	Pepsi Bottling Group
Site Address:	1150 E NORTH AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	09-24-2009
Enf Action Type:	Staff Enforcement Letter
Enf Action Description:	Staff Enforcement Letter
Enf Action Notes:	Benchmark exceedance needs BMP review. Response submitted 10/19/2009.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Pepsi Bottling Group
Entity Title:	Operator
Affiliation Address:	1150 E North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported

E25 **FRESNO BRANCH** **CA HIST UST** **U001593060**
ENE **1150 E NORTH AVE** **N/A**
1/8-1/4 **FRESNO, CA 93745**
0.205 mi.
1081 ft. **Site 5 of 9 in cluster E**

Relative:
Higher

Actual:
283 ft.

HIST UST:

Name:	FRESNO BRANCH
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93745
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000068420
Facility Type:	Other
Other Type:	BEVERAGE PRODUCER
Contact Name:	S. L. NELSON
Telephone:	2094855050
Owner Name:	PEPSI-COLA SAN JOAQUIN BOTTLIN

FRESNO BRANCH (Continued) **U001593060**

Owner Address:	1150 EAST NORTH AVENUE
Owner City,St,Zip:	FRESNO, CA 93745
Total Tanks:	0005
Tank Num:	001
Container Num:	905
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	/4 2
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	906
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	907 - METE
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	004
Container Num:	908 - METE
Year Installed:	1982
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	005
Container Num:	909 - METE
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test

E26
ENE
1/8-1/4
0.205 mi.
1081 ft.

PEPSI BEVERAGES COMPANY
1150 E NORTH AVE
FRESNO, CA 93725

Site 6 of 9 in cluster E

CA CERS HAZ WASTE
CA CERS TANKS
CA CUPA Listings
CA CERS

S113006493
N/A

Relative:
Higher

Actual:
283 ft.

CERS HAZ WASTE:

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Hazardous Chemical Management

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Aboveground Petroleum Storage

CUPA FRESNO:

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	UST REMOVAL/CLOSURE W/5 TANKS

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	FORMER CONTAMINATED SITE/NO FURTHER ACTION

Name: PEPSI BEVERAGES COMPANY

PEPSI BEVERAGES COMPANY (Continued) **S113006493**

Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170146
APM Number: 48717006
Program Element: AST STORAGE CAPACITY 1,320 TO 9,999 GAL

Name: PEPSI BEVERAGES COMPANY
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170146
APM Number: 48717006
Program Element: CALARP PROCESS - PROGRAM LEVEL 2

Name: PEPSI BEVERAGES COMPANY
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170146
APM Number: 48717006
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: PEPSI BEVERAGES COMPANY
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170146
APM Number: 48717006
Program Element: HAZARDOUS WASTE GENERATOR (LQG)

CERS:
Name: PEPSI BEVERAGES COMPANY
Address: 1150 E NORTH AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 423917
CERS ID: 10459924
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 423917
Site Name: Pepsi Beverages Company
Violation Date: 09-06-2012
Citation: 07001 - Search Title 8 regulations for 5162 C at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description: Cal/OSHA Violation
Violation Notes: Not reported
Violation Division: Cal/OSHA
Violation Program: OSHA
Violation Source: CERS

Site ID: 423917
Site Name: Pepsi Beverages Company

PEPSI BEVERAGES COMPANY (Continued) **S113006493**

Violation Date:	07-25-2012
Citation:	03001 - Search Title 8 regulations for 4002 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Evaluation:

Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	04-17-2012
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-04-2014

PEPSI BEVERAGES COMPANY (Continued) **S113006493**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-27-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: CalARP
Eval Source: CERS

Coordinates:
Site ID: 423917
Facility Name: Pepsi Beverages Company
Env Int Type Code: CalARP
Program ID: 10459924
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 36.692340
Longitude: -119.769099

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Environmental Contact

PEPSI BEVERAGES COMPANY (Continued) **S113006493**

Entity Name:	Mike Berg
Entity Title:	Not reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Mike Berg
Entity Title:	Not reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93725
Affiliation Phone:	(559) 486-0203
Affiliation Type Desc:	Operator
Entity Name:	Mike Berg
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:	(801) 514-8759
Affiliation Type Desc:	Document Preparer
Entity Name:	Rene Diaz/Fernando Arambula
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	PEPSI BEVERAGES COMPANY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

PEPSI BEVERAGES COMPANY (Continued) **S113006493**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Pepsi Beverages Company
Entity Title:	Not reported
Affiliation Address:	700 Anderson Hill Rd
Affiliation City:	Purchase
Affiliation State:	NY
Affiliation Country:	United States
Affiliation Zip:	10577
Affiliation Phone:	(914) 253-3123
Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Berg
Entity Title:	Plant Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

F27 **CINTAS CORP NO 3** **RCRA NonGen / NLR** **1026056450**
NNE **2920 S EAST AVE** **CAL000452637**
1/8-1/4 **FRESNO, CA 93725**
0.206 mi.
1086 ft. **Site 1 of 4 in cluster F**

Relative: **Higher**
Actual: **282 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200212
Handler Name:	CINTAS CORP NO 3	
Handler Address:		2920 S EAST AVE
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAL000452637
Contact Name:		TONY DAVIS
Contact Address:		2920 S EAST AVE
Contact City,State,Zip:		FRESNO, CA 93725
Contact Telephone:		559-457-0183
Contact Fax:		Not reported
Contact Email:		DAVIST@CINTAS.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:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2920 S EAST AVE
Mailing City,State,Zip:		FRESNO, CA 93725
Owner Name:		CINTAS CORP NO 3
Owner Type:		Other
Operator Name:		TONY DAVIS
Operator Type:		Other
Short-Term Generator Activity:		No

CINTAS CORP NO 3 (Continued) **1026056450**

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:	---
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
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:	20200306
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

CINTAS CORP NO 3 (Continued) **1026056450**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CINTAS CORP NO 3
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S EAST AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-457-0183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TONY DAVIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S EAST AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-457-0183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200212
Handler Name: CINTAS CORP NO 3	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F28 **CINTAS CORP** **RCRA NonGen / NLR** **1026056519**
NNE **2920 S EAST AVE** **CAL000452706**
1/8-1/4 **FRESNO, CA 93725**
0.206 mi.
1086 ft. **Site 2 of 4 in cluster F**

Relative: **Higher**

Actual: **282 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20200214
Handler Name:	CINTAS CORP	
Handler Address:		2920 S EAST AVE
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAL000452706
Contact Name:		BRIAN DELBECQ
Contact Address:		2920 S EAST AVE
Contact City,State,Zip:		FRESNO, CA 93725
Contact Telephone:		559-457-0183
Contact Fax:		559-457-0191
Contact Email:		DELBECQB@CINTAS.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:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2920 S EAST AVE
Mailing City,State,Zip:		FRESNO, CA 93725
Owner Name:		CINTAS CORP
Owner Type:		Other
Operator Name:		BRIAN DELBECQ
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:		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:		---
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

CINTAS CORP (Continued) **1026056519**

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
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:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRIAN DELBECQ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S EAST AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-457-0183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CINTAS CORP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S EAST AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-457-0183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CINTAS CORP (Continued) **1026056519**

Historic Generators:
- Receive Date: 20200214
- Handler Name: CINTAS CORP
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 812331
- NAICS Description: LINEN SUPPLY

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

F29 **CINTAS** **CA DRYCLEANERS** **S121183654**
NNE **2920 SOUTH EAST AVENUE** **CA NPDES** **N/A**
1/8-1/4 **FRESNO, CA CA** **CA CIWQS**
0.206 mi. **CA HWTS**
1086 ft. **Site 3 of 4 in cluster F**

Relative: Higher

Actual: 282 ft.

DRYCLEANERS:
- Name: CINTAS CORP
- Address: 2920 S EAST AVE
- City,State,Zip: FRESNO, CA 93725
- EPA Id: CAL000452706
- NAICS Code: 812331
- NAICS Description: Linen Supply
- SIC Code: 7213
- SIC Description: Linen Supply
- Create Date: 02/14/2020
- Facility Active: No
- Inactive Date: 06/30/2020
- Facility Addr2: Not reported
- Owner Name: CINTAS CORP
- Owner Address: 2920 S EAST AVE
- Owner Address 2: Not reported
- Owner Telephone: 5594570183
- Contact Name: BRIAN DELBECQ
- Contact Address: 2920 S EAST AVE
- Contact Address 2: Not reported
- Contact Telephone: 5594570183
- Contact Fax: 5594570191
- Mailing Name: Not reported
- Mailing Address 1: 2920 S EAST AVE
- Mailing Address 2: Not reported

CINTAS (Continued) **S121183654**

Mailing City:	FRESNO
Mailing State:	CA
Mailing Zip:	93725
Owner Fax:	5594570191
Region Code:	1
Latitude:	0
Longitude:	0

NPDES:

Name:	CINTAS
Address:	2920 SOUTH EAST AVENUE
City,State,Zip:	FRESNO, CA CA
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	5F
Agency Number:	0
Regulatory Measure ID:	490069
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	5F10C380945
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Termination Date Of Regulatory Measure:	11/13/2019
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2920 South East Ave
Discharge Name:	Cintas Corporation
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93721
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	5F
Regulatory Measure ID:	490069
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	5F10C380945
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/31/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Cintas Corporation
Discharge Address:	2920 South East Ave
Discharge City:	Fresno

CINTAS (Continued) **S121183654**

Discharge State:	California
Discharge Zip:	93721
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported

CINTAS (Continued) **S121183654**

Tertiary Sic: Not reported

Name: CINTAS
Address: 2920 SOUTH EAST AVENUE
City,State,Zip: FRESNO, CA CA
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: 5F10C380945
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: Terminated
Status Date: 11/13/2019
Operator Name: Cintas Corporation
Operator Address: 2920 South East Ave
Operator City: Fresno
Operator State: California
Operator Zip: 93721

NPDES as of 03/2018:
NPDES Number: CAS000002
Status: Active
Agency Number: 0
Region: 5F
Regulatory Measure ID: 490069
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 5F10C380945
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 08/31/2017
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Cintas Corporation
Discharge Address: 2920 South East Ave
Discharge City: Fresno
Discharge State: California
Discharge Zip: 93721
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported

CINTAS (Continued) **S121183654**

Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	CINTAS
Address:	2920 SOUTH EAST AVENUE
City,State,Zip:	FRESNO, CA

CINTAS (Continued) **S121183654**

Agency:	Cintas Corporation
Agency Address:	2920 South East Ave, Fresno, CA 93721
Place/Project Type:	Construction - Industrial
SIC/NAICS:	Not reported
Region:	5F
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5F10C380945
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/31/2017
Termination Date:	11/13/2019
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	36.69528
Longitude:	-119.77389

HWTS:

Name:	CINTAS CORP
Address:	2920 S EAST AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000452706
Inactive Date:	06/30/2020
Create Date:	02/14/2020
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	2920 S EAST AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FRESNO, CA 93725
Owner Name:	CINTAS CORP
Owner Address:	2920 S EAST AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	FRESNO, CA 93725
Contact Name:	BRIAN DELBECQ
Contact Address:	2920 S EAST AVE
Contact Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725

NAICS:

EPA ID:	CAL000452706
Create Date:	2020-02-14 15:27:28.517
NAICS Code:	812331
NAICS Description:	Linen Supply
Issued EPA ID Date:	2020-02-14 15:27:28.51700
Inactive Date:	2020-06-30 00:00:00
Facility Name:	CINTAS CORP
Facility Address:	2920 S EAST AVE
Facility Address 2:	Not reported
Facility City:	FRESNO

CINTAS (Continued) **S121183654**

Facility County:	Not reported
Facility State:	CA
Facility Zip:	93725

F30 **CINTAS UNIFORM SERVICE** **RCRA NonGen / NLR** **1025832489**
NNE **2920 S. EAST AVE.** **CAC003012057**
1/8-1/4 **FRESNO, CA 93725**
0.206 mi.
1086 ft. **Site 4 of 4 in cluster F**

Relative: **Higher**
Actual: **282 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190425
Handler Name:	CINTAS UNIFORM SERVICE	
Handler Address:		2920 S. EAST AVE.
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAC003012057
Contact Name:		MIKE LEIDOF
Contact Address:		2920 S. EAST AVE.
Contact City,State,Zip:		FRESNO, CA 93725
Contact Telephone:		559-457-0183
Contact Fax:		Not reported
Contact Email:		DTHOMPSON@PARCENVIRONMENTAL.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:		2920 S. EAST AVE.
Mailing City,State,Zip:		FRESNO, CA 93725
Owner Name:		CINTAS UNIFORM SERVICE
Owner Type:		Other
Operator Name:		MIKE LEIDOF
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

CINTAS UNIFORM SERVICE (Continued) **1025832489**

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
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:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE LEIDOF
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S. EAST AVE.
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-457-0183
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CINTAS UNIFORM SERVICE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2920 S. EAST AVE.

CINTAS UNIFORM SERVICE (Continued) **1025832489**

Owner/Operator City,State,Zip: FRESNO, CA 93725
Owner/Operator Telephone: 559-457-0183
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190425
Handler Name: CINTAS UNIFORM SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

31
SE
1/8-1/4
0.206 mi.
1088 ft.

MISSION FOODS - WAREHOUSE
3210 S EAST AVE
FRESNO, CA 93725

CA CHMIRS **S107257302**
CA CUPA Listings **N/A**

Relative:
Higher

Actual:
283 ft.

CHMIRS:
Name: Not reported
Address: 3210 S. EAST ST
City,State,Zip: FRESNO, CA
OES Incident Number: 13-1614
OES notification: 03/16/2013
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported

MISSION FOODS - WAREHOUSE (Continued) **S107257302**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	617
Year:	2013
Agency:	CHP Fresno
Incident Date:	3/16/2013
Admin Agency:	Fresno County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Quantity Released:	50-60
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that a big rig has caught on fire resulting in the release of 50-60 gallons onto the surrounding dirt. The release is contained and cleanup is underway. No waterways have been impacted.

MISSION FOODS - WAREHOUSE (Continued) **S107257302**

CUPA FRESNO:

Name:	MISSION FOODS - WAREHOUSE
Address:	3210 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0278050
APM Number:	33002144
Program Element:	SMALL HAZARDOUS MATERIALS HANDLER

G32 **CARO NUT** **CA CUPA Listings** **S125544244**
NNW **2904 S ANGUS AVE** **CA EMI** **N/A**
1/8-1/4 **FRESNO, CA 93725** **CA HAZNET**
0.209 mi. **CA CERS**
1101 ft. **Site 1 of 4 in cluster G** **CA HWTS**

Relative: Higher

Actual: 282 ft.

CUPA FRESNO:

Name:	CARO NUT COMPANY
Address:	2904 S ANGUS AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0279651
APM Number:	32803241S
Program Element:	SMALL HAZARDOUS MATERIALS HANDLER

EMI:

Name:	CARO NUT COMPANY, INC
Address:	2904 S ANGUS AVE
City,State,Zip:	FRESNO, CA 93725
Year:	2018
County Code:	10
Air Basin:	SJV
Facility ID:	8490
Air District Name:	SJU
SIC Code:	2068
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:	0.44992554395
Reactive Organic Gases Tons/Yr:	0.314317985
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:	0.994743247
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.53716135338

Name:	CARO NUT COMPANY, INC
Address:	2904 S ANGUS AVE
City,State,Zip:	FRESNO, CA 93725
Year:	2019
County Code:	10
Air Basin:	SJV
Facility ID:	8490
Air District Name:	SJU
SIC Code:	2068
Air District Name:	SAN JOAQUIN VALLEY APCD

CARO NUT (Continued) **S125544244**

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.27725387632
Reactive Organic Gases Tons/Yr: 0.193689558
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: 1.1351151444
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.612962178

HAZNET:
Name: LITTLE RAYMOND'S PRINT SHOP
Address: 2904 SOUTH ANGUS AVENUE
Address 2: Not reported
City,State,Zip: FRESNO, CA 46226
Contact: BRANDON BAIN
Telephone: 3179998177
Mailing Name: Not reported
Mailing Address: 3948 PENDLETON WAY

Year: 2018
Gepaid: CAC002952571
TSD EPA ID: CAD980675276
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.00000

CERS:
Name: CARO NUT
Address: 2904 S ANGUS AVE
City,State,Zip: FRESNO, CA 93725
Site ID: 566670
CERS ID: 10844068
CERS Description: Chemical Storage Facilities

Coordinates:
Site ID: 566670
Facility Name: Caro Nut
Env Int Type Code: HMBP
Program ID: 10844068
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 36.695780
Longitude: -119.777180

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Caro Nut
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

CARO NUT (Continued) **S125544244**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Candor AGS
Entity Title:	Not reported
Affiliation Address:	2885 S. Cherry Avenue
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93706
Affiliation Phone:	(559) 475-5471
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Document Preparer
Entity Name:	Caro Nut Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2904 S Angus Avenue
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Suzi Lal
Entity Title:	Safety 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:	Candor AGS
Entity Title:	Not reported
Affiliation Address:	2885 S. Cherry Avenue
Affiliation City:	Fresno

CARO NUT (Continued) **S125544244**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93706
Affiliation Phone:	(559) 475-5471
Affiliation Type Desc:	Operator
Entity Name:	Todd Croswell
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) 772-2324
Affiliation Type Desc:	Environmental Contact
Entity Name:	SUZI LAL
Entity Title:	Not reported
Affiliation Address:	2885 S. Cherry Avenue
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93706
Affiliation Phone:	Not reported

HWTS:

Name:	CARO NUT COMPANY
Address:	2904 S ANGUS AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000447663
Inactive Date:	08/07/2019
Create Date:	07/23/2019
Last Act Date:	12/23/2020
Mailing Name:	Not reported
Mailing Address:	2885 S CHERRY AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FRESNO, CA 93706
Owner Name:	CARO NUT COMPANY
Owner Address:	2904 S ANGUS AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	FRESNO, CA 93725
Contact Name:	SUZI LAL
Contact Address:	2885 S. CHERRY AVENUE
Contact Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93706

NAICS:

EPA ID:	CAL000447663
Create Date:	2019-07-23 15:55:10.793
NAICS Code:	311119
NAICS Description:	Other Animal Food Manufacturing
Issued EPA ID Date:	2019-07-23 15:55:10.68300
Inactive Date:	2019-08-07 00:00:00
Facility Name:	CARO NUT COMPANY
Facility Address:	2904 S ANGUS AVE

CARO NUT (Continued) **S125544244**

Facility Address 2:	Not reported
Facility City:	FRESNO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93725

G33 **CARO NUT COMPANY** **RCRA NonGen / NLR** **1025874532**
NNW **2904 S ANGUS AVE** **CAL000447663**
1/8-1/4 **FRESNO, CA 93725**
0.209 mi.
1101 ft. **Site 2 of 4 in cluster G**

Relative: **Higher**

Actual: **282 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20190807
Handler Name:	CARO NUT COMPANY	
Handler Address:		2904 S ANGUS AVE
Handler City,State,Zip:		FRESNO, CA 93725
EPA ID:		CAL000447663
Contact Name:		SUZI LAL
Contact Address:		S CHERRY AVE
Contact City,State,Zip:		FRESNO, CA 93706
Contact Telephone:		559-475-5406
Contact Fax:		Not reported
Contact Email:		SUZI.LAL@CARO-NUT.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:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		S CHERRY AVE
Mailing City,State,Zip:		FRESNO, CA 93706
Owner Name:		CARO NUT COMPANY
Owner Type:		Other
Operator Name:		SUZI LAL
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:		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:		---

CARO NUT COMPANY (Continued) **1025874532**

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
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:	20190812
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:	CARO NUT COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2904 S ANGUS AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-475-7296
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUZI LAL
Legal Status:	Other
Date Became Current:	Not reported

CARO NUT COMPANY (Continued) **1025874532**

Date Ended Current:	Not reported
Owner/Operator Address:	2885 S CHERRY AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93706
Owner/Operator Telephone:	559-475-5406
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190807
Handler Name: CARO NUT COMPANY	
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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	311119
NAICS Description:	OTHER ANIMAL FOOD MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G34 **LITTLE RAYMONDS PRINT SHOP** **RCRA NonGen / NLR** **1024866178**
NNW **2904 S ANGUS AVE STE 103** **CAL000434761**
1/8-1/4 **FRESNO, CA 93725**
0.209 mi.
1101 ft. **Site 3 of 4 in cluster G**

Relative: **Higher**

Actual: **282 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20180406
Handler Name:	LITTLE RAYMONDS PRINT SHOP
Handler Address:	2904 S ANGUS AVE STE 103
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAL000434761
Contact Name:	BRANDON BAIN
Contact Address:	3948 PENDLETON WAY
Contact City,State,Zip:	INDIANAPOLIS, IN 46226
Contact Telephone:	317-999-8177
Contact Fax:	Not reported
Contact Email:	BRANDON.BAIN@SCALABILEPRESS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

LITTLE RAYMONDS PRINT SHOP (Continued) **1024866178**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3948 PENDLETON WAY
Mailing City,State,Zip:	INDIANAPOLIS, IN 46226
Owner Name:	THE ABBEY GROUP
Owner Type:	Other
Operator Name:	BRANDON BAIN
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
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

LITTLE RAYMONDS PRINT SHOP (Continued) **1024866178**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
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:	THE ABBEY GROUP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1941 N GATEWAY BLVD STE 104
Owner/Operator City,State,Zip:	FRESNO, CA 93728
Owner/Operator Telephone:	559-251-9415
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRANDON BAIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3948 PENDLETON WAY
Owner/Operator City,State,Zip:	INDIANAPOLIS, IN 46226
Owner/Operator Telephone:	317-999-8177
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180406
Handler Name:	LITTLE RAYMONDS PRINT SHOP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

LITTLE RAYMONDS PRINT SHOP (Continued) **1024866178**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E35 **INTERLINE BRANDS, INC. LOCATION #4883** **CA CERS HAZ WASTE** **S123520722**
ENE **1155 E NORTH AVE STE 104** **CA CERS** **N/A**
1/8-1/4 **FRESNO, CA 93725**
0.219 mi.
1157 ft. **Site 7 of 9 in cluster E**

Relative: Higher
Actual: 284 ft.

CERS HAZ WASTE:
Name: INTERLINE BRANDS, INC. LOCATION #4883
Address: 1155 E NORTH AVE STE 104
City,State,Zip: FRESNO, CA 93725
Site ID: 434255
CERS ID: 10747165
CERS Description: Hazardous Waste Generator

CERS:
Name: INTERLINE BRANDS, INC. LOCATION #4883
Address: 1155 E NORTH AVE STE 104
City,State,Zip: FRESNO, CA 93725
Site ID: 434255
CERS ID: 10747165
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 160 Chapel Road, Suite 201, C/O Compliance Department
Affiliation City: Manchester
Affiliation State: CT
Affiliation Country: Not reported
Affiliation Zip: 06042
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Moriah Bloom, Agent for Interline Brands
Entity Title: Compliance Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

INTERLINE BRANDS, INC. LOCATION #4883 (Continued) **S123520722**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	The Home Depot USA, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not reported
Affiliation Address:	160 Chapel Road, Suite 201, C/O Compliance Department
Affiliation City:	Manchester
Affiliation State:	CT
Affiliation Country:	Not reported
Affiliation Zip:	06042
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	The Home Depot U.S.A., Inc.
Entity Title:	Not reported
Affiliation Address:	2455 Paces Ferry Rd, C-19
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30339
Affiliation Phone:	(770) 433-8211
Affiliation Type Desc:	Operator
Entity Name:	The Home Depot U.S.A., 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:	(770) 433-8211

E36 **LENNOX STORE A518** **CA CUPA Listings** **S125406825**
ENE **1155 E NORTH AVE #102** **N/A**
1/8-1/4 **FRESNO, CA 93725**
0.219 mi.
1157 ft. **Site 8 of 9 in cluster E**

Relative: CUPA FRESNO:
Higher

Actual: Name: LENNOX STORE A518
284 ft. Address: 1155 E NORTH AVE #102
City,State,Zip: FRESNO, CA 93725
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0286423
APM Number: 33002137S
Program Element: SMALL HAZARDOUS MATERIALS HANDLER

E37 **INTERLINE BRANDS DBA CLEARSOURCE DC # 4883** **RCRA NonGen / NLR** **1024833037**
ENE **1155 E NORTH AVE** **CAL000371777**
1/8-1/4 **FRESNO, CA 93725**
0.219 mi.
1157 ft. **Site 9 of 9 in cluster E**

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency: 20120215
284 ft. Handler Name: INTERLINE BRANDS DBA CLEARSOURCE DC # 4883
Handler Address: 1155 E NORTH AVE
Handler City,State,Zip: FRESNO, CA 93725
EPA ID: CAL000371777
Contact Name: MARK NISSEN
Contact Address: 1155 E NORTH AVE
Contact City,State,Zip: FRESNO, CA 93725
Contact Telephone: 661-471-5420
Contact Fax: Not reported
Contact Email: MARK.NISSEN@INTERLINEBRANDS.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: 1155 E NORTH AVE
Mailing City,State,Zip: FRESNO, CA 93725-0000
Owner Name: INTERLINE BRANDS
Owner Type: Other
Operator Name: MARK NISSEN
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

INTERLINE BRANDS DBA CLEARSOURCE DC # 4883 (Continued) **1024833037**

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
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:	20180906
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:	INTERLINE BRANDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2455 PACES FERRY RD, D-16
Owner/Operator City,State,Zip:	ATLANTA, GA 30339-0000
Owner/Operator Telephone:	770-384-2860
Owner/Operator Telephone Ext:	Not reported

INTERLINE BRANDS DBA CLEARSOURCE DC # 4883 (Continued) **1024833037**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK NISSEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1155 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	661-471-5420
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120215
Handler Name:	INTERLINE BRANDS DBA CLEARSOURCE DC # 4883
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	453998
NAICS Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H38 **BEAUTY SYSTEMS GROUP-FRESNO** **RCRA NonGen / NLR** **1024819668**
WNW **480 E NORTH AVE STE 104** **CAL000330440**
1/8-1/4 **FRESNO, CA 93706**
0.236 mi.
1247 ft. **Site 1 of 4 in cluster H**

Relative:
Lower

Actual:
281 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20080307
Handler Name:	BEAUTY SYSTEMS GROUP-FRESNO
Handler Address:	480 E NORTH AVE STE 104
Handler City,State,Zip:	FRESNO, CA 93706-5466
EPA ID:	CAL000330440
Contact Name:	GERALD DESPRES
Contact Address:	480 E NORTH AVE STE 104
Contact City,State,Zip:	FRESNO, CA 93706
Contact Telephone:	559-265-7200

BEAUTY SYSTEMS GROUP-FRESNO (Continued) **1024819668**

Contact Fax:	559-265-7201
Contact Email:	GDESPRES@COSMOPROFBEAUTY.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:	480 E NORTH AVE STE 104
Mailing City,State,Zip:	FRESNO, CA 93706-5466
Owner Name:	BEAUTY SYSTEMS GROUP LLC
Owner Type:	Other
Operator Name:	GERALD DESPRES
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
Human Exposure Controls Indicator:	N/A

BEAUTY SYSTEMS GROUP-FRESNO (Continued) **1024819668**

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:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BEAUTY SYSTEMS GROUP LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3001 COLORADO BLVD
Owner/Operator City,State,Zip:	DENTON, TX 76210-0000
Owner/Operator Telephone:	940-898-7500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GERALD DESPRES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	480 E NORTH AVE STE 104
Owner/Operator City,State,Zip:	FRESNO, CA 93706
Owner/Operator Telephone:	559-265-7200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080307
Handler Name:	BEAUTY SYSTEMS GROUP-FRESNO
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

BEAUTY SYSTEMS GROUP-FRESNO (Continued) **1024819668**

List of NAICS Codes and Descriptions:
NAICS Code: 42269
NAICS Description: OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H39 **BEAUTY SYSTEMS GROUP LLC - STORE REPLENISHMENT CEN** **CA CUPA Listings** **S126298301**
WNW **480 E NORTH AVE #104A** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.236 mi.
1247 ft. **Site 2 of 4 in cluster H**

Relative:
Lower

Actual:
281 ft.

CUPA FRESNO:
Name: BEAUTY SYSTEMS GROUP LLC - STORE REPLENISHMENT CENTER
Address: 480 E NORTH AVE #104A
City,State,Zip: FRESNO, CA 93706
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0286771
APM Number: 32803245S
Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: BEAUTY SYSTEMS GROUP LLC - STORE REPLENISHMENT CENTER
Address: 480 E NORTH AVE #104A
City,State,Zip: FRESNO, CA 93706
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0286771
APM Number: 32803245S
Program Element: HAZARDOUS WASTE GENERATOR (SQG)

H40 **BEAUTY SYSTEMS GROUP, DISTRIBUTION CENTER** **CA CERS HAZ WASTE** **S125742152**
WNW **480 E NORTH AVE STE 104** **CA CERS** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.236 mi.
1247 ft. **Site 3 of 4 in cluster H**

Relative:
Lower

Actual:
281 ft.

CERS HAZ WASTE:
Name: BEAUTY SYSTEMS GROUP, DISTRIBUTION CENTER
Address: 480 E NORTH AVE STE 104
City,State,Zip: FRESNO, CA 93706
Site ID: 519598
CERS ID: 10785772
CERS Description: Hazardous Waste Generator

CERS:
Name: BEAUTY SYSTEMS GROUP, DISTRIBUTION CENTER
Address: 480 E NORTH AVE STE 104
City,State,Zip: FRESNO, CA 93706

BEAUTY SYSTEMS GROUP, DISTRIBUTION CENTER (Continued) **S125742152**

Site ID: 519598
CERS ID: 10785772
CERS Description: Chemical Storage Facilities

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 480 E. North Ave Ste 104
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93706
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Gerard Despres
Entity Title: General 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: Parent Corporation
Entity Name: Beauty Systems Group LLC
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: Gerard Despres
Entity Title: Not reported
Affiliation Address: 480 E. North Ave Ste 104
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93706
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Beauty Systems Group, LLC
Entity Title: Not reported

BEAUTY SYSTEMS GROUP, DISTRIBUTION CENTER (Continued) **S125742152**

Affiliation Address:	3001 COLORADO BLVD
Affiliation City:	Denton
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	76210
Affiliation Phone:	(940) 898-7500
Affiliation Type Desc:	Document Preparer
Entity Name:	JAYME DRYDEN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Beauty Systems Group
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(559) 265-7200

H41 **ACTIVISION/BLIZZARD** **CA CUPA Listings** **S117684714**
WNW **480 E NORTH AVE** **N/A**
1/8-1/4 **FRESNO, CA 93706**
0.236 mi.
1247 ft. **Site 4 of 4 in cluster H**

Relative: CUPA FRESNO:
Lower

Name:	ACTIVISION/BLIZZARD
Address:	480 E NORTH AVE
City,State,Zip:	FRESNO, CA 93706
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0284024
APM Number:	32803245S
Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE

Actual:
281 ft.

G42 **TOTER** **CA CUPA Listings** **S108414807**
NNW **2929 S ANGUS #12** **N/A**
1/8-1/4 **FRESNO, CA 93725**
0.245 mi.
1291 ft. **Site 4 of 4 in cluster G**

Relative: CUPA FRESNO:
Higher

Name:	TOTER
Address:	2929 S ANGUS #12
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not reported

Actual:
282 ft.

TOTER (Continued) **S108414807**

Facility ID: FA0278989
APM Number: 32803229S
Program Element: HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

43
NNE
1/4-1/2
0.335 mi.
1767 ft.

ELECTRONIC RECYCLERS INTERNATIONAL
2860 S. EAST AVENUE
FRESNO, CA 93725

OH SWRCY **S120929672**
N/A

Relative:
Higher

Actual:
283 ft.

SWRCY:

Name:	ELECTRONIC RECYCLERS INTERNATIONAL
Address:	2860 S. EAST AVENUE
City,State,Zip:	FRESNO, CA 93725
Facility Type:	Electronics Recycler
Owner Type:	Published
Contact Name:	Ron Buckhammer
Contact Phone:	8003743473
Address line2:	Not reported
E_mail address:	info@eridirect.com
Web URL:	http://www.electronicrecyclers.com
Description:	Electronics recycler with 10 locations across the country for reuse/resale of electronic assets and lawful end-of-life recycling.
Hours of Operation:	Not reported
Recycling:	Not reported
Soild Waste:	Not reported
Hazardous Waste:	Not reported
Organics:	Not reported
Construction and Demolition:	Not reported
Electronic Scrap:	Not reported
Create:	Oct 1, 2018 at 08:21 PM CDT
Update:	Oct 1, 2018 at 08:21 PM CDT
MRF:	Not reported
License TS:	Not reported
Scrape Yard:	Not reported
Single Material Processor:	Not reported
Single Stream Recyclables:	Not reported
Multi Stream Recyclables:	Not reported
Blue-bags:	Not reported
Material Type:	Not reported

44
NW
1/4-1/2
0.406 mi.
2145 ft.

WESTERN METAL CO
2910 S CHERRY AVE
FRESNO, CA 93706

CA SWRCY **S102812929**
CA HAULERS **N/A**
CA CERS HAZ WASTE
CA CUPA Listings
CA NPDES
CA CIWQS
CA CERS

Relative:
Lower

Actual:
280 ft.

SWRCY:

Name:	WESTERN METAL CO
Address:	2910 S CHERRY AVE
City,State,Zip:	FRESNO, CA 93706
Reg Id:	27264
Cert Id:	RC3180
Mailing Address:	2910 S Cherry Ave

WESTERN METAL CO (Continued) **S102812929**

Mailing City:	Fresno
Mailing State:	CA
Mailing Zip Code:	93706
Website:	Not reported
Email:	westernmetal@aol.com
Phone Number:	(559) 264-6246
Rural:	N
Operation Begin Date:	06/02/1989
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Fri 8:00 am - 4:30 pm, Closed 12:00 pm - 1:00 pm; Sat 8:00 am - 11:30 am; Sun Closed
Organization ID:	18459
Organization Name:	Irwin H Greenberg Inc

HAULERS:

Name:	TSG RECYCLING DISPOSAL, INC.
Address:	2910 S CHERRY AVE
City,State,Zip:	FRESNO, CA 93706-5407
Facility ID:	1562408
Facility Phone:	(559) 264-6246
Business Email Address:	taragrnbrg@aol.com
Contact Person:	Tara Greenberg
Mailing Address:	2910 S Cherry Ave
Mailing City:	Fresno
Mailing State:	CA
Mailing Zip:	93706-5407
Mailing County:	Not reported
Mailing Phone:	(559) 442-0262
Current Status:	Active Business
Current Hauler Status:	Hauler - Registered
Accepting Tires From Public:	Yes
Regulatory Status Last Changed:	1/15/2009
Business Types:	Other: METAL RECYCLER

Name:	TSG RECYCLING DISPOSAL, INC.
Address:	2910 S CHERRY AVE
City,State,Zip:	FRESNO, CA 93706-5407
Facility ID:	1562408
Facility Phone:	(559) 264-6246
Business Email Address:	taragrnbrg@aol.com
Contact Person:	Tara Greenberg
Mailing Address:	2910 S Cherry Ave
Mailing City:	Fresno
Mailing State:	CA
Mailing Zip:	93706-5407
Mailing County:	Not reported
Mailing Phone:	(559) 442-0262
Current Status:	Active Business
Current Hauler Status:	Hauler - Registered
Accepting Tires From Public:	Yes
Regulatory Status Last Changed:	1/15/2009
Business Types:	Other: METAL RECYCLER

WESTERN METAL CO (Continued) **S102812929**

CERS HAZ WASTE:
- Name: WESTERN METAL COMPANY
- Address: 2910 S CHERRY AVE
- City,State,Zip: FRESNO, CA 93706
- Site ID: 520048
- CERS ID: 10704682
- CERS Description: Hazardous Waste Generator

CUPA FRESNO:
- Name: WESTERN METAL COMPANY
- Address: 2910 S CHERRY AVE
- City,State,Zip: FRESNO, CA 93706
- Region: FRESNO
- Cross Street: Not reported
- Facility ID: FA0271619
- APM Number: 32821106S
- Program Element: AUTO REPAIR/MAINTENANCE MODEL PLAN

- Name: WESTERN METAL COMPANY
- Address: 2910 S CHERRY AVE
- City,State,Zip: FRESNO, CA 93706
- Region: FRESNO
- Cross Street: Not reported
- Facility ID: FA0271619
- APM Number: 32821106S
- Program Element: HAZARDOUS WASTE GENERATOR (SQG)

NPDES:
- Name: WESTERN METAL CO
- Address: 2910 S CHERRY AVE
- City,State,Zip: FRESNO, CA 93706
- Facility Status: Not reported
- NPDES Number: Not reported
- Region: Not reported
- Agency Number: Not reported
- Regulatory Measure ID: Not reported
- Place ID: Not reported
- Order Number: Not reported
- WDID: 5F10NNA000127
- 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: 01/29/2016
- Operator Name: Western Metal Co
- Operator Address: 2910 S Cherry Ave
- Operator City: Fresno
- Operator State: California

WESTERN METAL CO (Continued) **S102812929**

Operator Zip: 93706

CIWQS:
Name: WESTERN METAL CO
Address: 2910 S CHERRY AVE
City,State,Zip: FRESNO, CA 93706
Agency: Western Metal Co
Agency Address: 2910 S Cherry Ave, Fresno, CA 93706
Place/Project Type: Industrial - Scrap and Waste Materials
SIC/NAICS: 5093
Region: 5F
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 5F10I009793
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 02/17/1993
Termination Date: 01/29/2016
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 36.69619
Longitude: -119.78174

CERS:
Name: WESTERN METAL COMPANY
Address: 2910 S CHERRY AVE
City,State,Zip: FRESNO, CA 93706
Site ID: 520048
CERS ID: 10704682
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 520048
Site Name: WESTERN METAL COMPANY
Violation Date: 09-28-2015
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 10/28/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

Site ID: 520048
Site Name: WESTERN METAL COMPANY
Violation Date: 09-28-2015

WESTERN METAL CO (Continued) **S102812929**

Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 10/28/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 520048
Site Name: WESTERN METAL COMPANY
Violation Date: 09-28-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 10/28/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 520048
Site Name: WESTERN METAL COMPANY
Violation Date: 09-28-2015
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 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: Returned to compliance on 10/28/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-15-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HMBP inspection.
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

WESTERN METAL CO (Continued) **S102812929**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 520048
Facility Name: WESTERN METAL COMPANY
Env Int Type Code: HMBP
Program ID: 10704682
Coord Name: Not reported
Ref Point Type Desc: Entrance point of a facility or station
Latitude: 36.695500
Longitude: -119.783640

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: TARA GREENBERG
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: Legal Owner
Entity Name: IH GREENBURG INC
Entity Title: Not reported
Affiliation Address: 2910 CHERRY
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93706
Affiliation Phone: (559) 264-6246

Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271

Affiliation Type Desc: Operator
Entity Name: STAN GREENBERG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

WESTERN METAL CO (Continued) **S102812929**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (559) 264-6246

Affiliation Type Desc: Environmental Contact
Entity Name: STANLEY GREENBERG
Entity Title: Not reported
Affiliation Address: 2910 S CHERRY
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93706
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2910 S CHERRY AVE
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93706
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: STAN GREENBERG
Entity Title: PRESIDENT
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: WESTERN METAL COMPANY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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45 **DOLE DRIED FRUIT & NUT** **CA LUST** **S102428863**
SW **568 MUSCAT E** **CA HIST CORTESE** **N/A**
1/4-1/2 **FRESNO, CA 93727**
0.450 mi.
2375 ft.

Relative:
Lower

Actual:
281 ft.

LUST REG 5:
Name: DOLE DRIED FRUIT & NUT
Address: 568 MUSCAT E
City: FRESNO
Region: 5
Status: Pollution Characterization
Case Number: 5T10000597

DOLE DRIED FRUIT & NUT (Continued) **S102428863**

Case Type: Undefined
Substance: DIESEL
Staff Initials: RWW
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

HIST CORTESE:
edr_fname: DOLE DRIED FRUIT & NUT
edr_fadd1: 568 MUSCAT
City,State,Zip: FRESNO, CA 93727
Region: CORTESE
Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000597

I46 **NISSHINBO FACILITY** **CA CPS-SLIC S104867994**
NW **2885 S. CHERRY AVENUE** **CA CERS N/A**
1/4-1/2 **FRESNO, CA 93706**
0.476 mi.
2514 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
281 ft.

CPS-SLIC:
Name: NISSHINBO FACILITY
Address: 2885 S. CHERRY AVENUE
City,State,Zip: FRESNO, CA 93706-5406
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 01/01/1965
Global Id: SLT5FS105429
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)
Lead Agency Case Number: Not reported
Latitude: 36.698033
Longitude: -119.7817232
Case Type: Cleanup Program Site
Case Worker: GJI
Local Agency: Not reported
RB Case Number: SLT5FS104
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

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

CERS:
Name: NISSHINBO FACILITY
Address: 2885 S. CHERRY AVENUE
City,State,Zip: FRESNO, CA 93706-5406
Site ID: 230722
CERS ID: SLT5FS105429
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: GREG ISSINGHOFF - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title: Not reported

NISSHINBO FACILITY (Continued) **S104867994**

Affiliation Address:	1685 E STREET
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5594884390

I47 **SUBURBAN PROPANE** **RCRA-SQG** **1000593198**
NW **2874 S CHERRY** **CA LUST** **CAD982397127**
1/4-1/2 **FRESNO, CA 93706** **CA SWEEPS UST**
0.487 mi. **CA HIST UST**
2570 ft. **Site 2 of 2 in cluster I** **CA FID UST**
FINDS
Relative: Lower **ECHO**
CA Cortese
Actual: 281 ft. **CA CUPA Listings**
CA EMI
CA HAZNET
CA HIST CORTESE
CA CERS
CA HWTS

RCRA-SQG:

Date Form Received by Agency:		19910624
Handler Name:	SUBURBAN PROPANE	
Handler Address:		2874 S CHERRY
Handler City,State,Zip:		FRESNO, CA 93706
EPA ID:		CAD982397127
Contact Name:		MARTIN FRANK
Contact Address:		2874 S CHERRY
Contact City,State,Zip:		FRESNO, CA 93706
Contact Telephone:		209-485-9721
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		5
Mailing Address:		S CHERRY
Mailing City,State,Zip:		FRESNO, CA 93706
Owner Name:		SUBURBAN PROPANE
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

SUBURBAN PROPANE (Continued) **1000593198**

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:	---
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-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
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:	20000915
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

SUBURBAN PROPANE (Continued) **1000593198**

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: SUBURBAN PROPANE
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

Historic Generators:
Receive Date: 19910624
Handler Name: SUBURBAN PROPANE
Federal Waste Generator Description: Small 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: 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

LUST:
Name: SUBURBAN PROPANE
Address: 2874 CHERRY AVE S
City,State,Zip: FRESNO, CA 93706
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900665
Global Id: T0601900665
Latitude: 36.696845
Longitude: -119.783155
Status: Completed - Case Closed
Status Date: 11/29/2001
Case Worker: Not reported

SUBURBAN PROPANE (Continued) **1000593198**

RB Case Number: 5T10000686
Local Agency: FRESNO COUNTY
File Location: Not reported
Local Case Number: FA0169177
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0601900665
Contact Type: Local Agency Caseworker
Contact Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name: FRESNO COUNTY
Address: 1221 Fulton Street
City: Fresno
Email: environmentalhealth@fresnocountyca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900665
Action Type: Other
Date: 01/05/1999
Action: Leak Discovery

Global Id: T0601900665
Action Type: Other
Date: 01/15/1999
Action: Leak Reported

LUST:
Global Id: T0601900665
Status: Open - Case Begin Date
Status Date: 01/05/1999

Global Id: T0601900665
Status: Open - Site Assessment
Status Date: 01/15/1999

Global Id: T0601900665
Status: Completed - Case Closed
Status Date: 11/29/2001

LUST REG 5:
Name: SUBURBAN PROPANE
Address: 2874 CHERRY AVE S
City: FRESNO
Region: 5
Status: Case Closed
Case Number: 5T10000686
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: DAM
Lead Agency: Regional
Program: LUST
MTBE Code: 0

SUBURBAN PROPANE (Continued) **1000593198**

SWEEPS UST:

Name:	GRAPE GROWER
Address:	2874 S CHERRY AVE
City:	FRESNO
Status:	Active
Comp Number:	24468
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-024468-000001
Tank Status:	A
Capacity:	225
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	1

HIST UST:

Name:	GRAPE GROWER
Address:	2874 SO CHERRY AVE
City,State,Zip:	FRESNO, CA 93706
File Number:	000245DE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000245DE.pdf
Region:	STATE
Facility ID:	00000044397
Facility Type:	Other
Other Type:	FARM
Contact Name:	Not reported
Telephone:	2092667350
Owner Name:	MARTINOIL,ARCO
Owner Address:	2874 S.CHERRY
Owner City,St,Zip:	FRESNO, CA 93706
Total Tanks:	0001
Tank Num:	001
Container Num:	01
Year Installed:	1951
Tank Capacity:	00000100
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	10
Leak Detection:	Visual

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	10002592
Regulated By:	UTNKA
Regulated ID:	00024468
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2092752695

SUBURBAN PROPANE (Continued) **1000593198**

Mail To: Not reported
Mailing Address: 2874 S CHERRY AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 10002592
Regulated By: UTNKA
Regulated ID: 00044397
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2092667350
Mail To: Not reported
Mailing Address: 2874 S CHERRY
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002803887

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
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.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000593198
Registry ID: 110002803887
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002803887
Name: WESTERN MFG CORP
Address: 2874 S CHERRY
City,State,Zip: FRESNO, CA 93706

CORTESE:

SUBURBAN PROPANE (Continued) **1000593198**

Name:	SUBURBAN PROPANE
Address:	2874 CHERRY AVE S
City,State,Zip:	FRESNO, CA 93706
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0601900665
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

CUPA FRESNO:

Name:	A&J AUTO TRUCK
Address:	2874 S CHERRY #A
City,State,Zip:	FRESNO, CA 93706
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0276172
APM Number:	32829026
Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE

Name:	A&J AUTO TRUCK
Address:	2874 S CHERRY #A
City,State,Zip:	FRESNO, CA 93706
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0276172
APM Number:	32829026
Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)

EMI:

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA
Year:	2003
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported

SUBURBAN PROPANE (Continued) **1000593198**

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
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUBURBAN PROPANE, L P
Address: 2874 S CHERRY
City,State,Zip: FRESNO, CA
Year: 2005
County Code: 10
Air Basin: SJV
Facility ID: 1194
Air District Name: SJU
SIC Code: 5172
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: .000038325000571087
NOX - Oxides of Nitrogen Tons/Yr: .000280000004172325
SOX - Oxides of Sulphur Tons/Yr: .0000182500002719462
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUBURBAN PROPANE, L P
Address: 2874 S CHERRY
City,State,Zip: FRESNO, CA
Year: 2006
County Code: 10
Air Basin: SJV
Facility ID: 1194
Air District Name: SJU
SIC Code: 5172
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: .000038325000571087
NOX - Oxides of Nitrogen Tons/Yr: .000280000004172325
SOX - Oxides of Sulphur Tons/Yr: .0000182500002719462
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SUBURBAN PROPANE, L P
Address: 2874 S CHERRY
City,State,Zip: FRESNO, CA 95691
Year: 2007
County Code: 10
Air Basin: SJV
Facility ID: 1194
Air District Name: SJU

SUBURBAN PROPANE (Continued) **1000593198**

SIC Code:	5172
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:	.000038325000571087
NOX - Oxides of Nitrogen Tons/Yr:	.000280000004172325
SOX - Oxides of Sulphur Tons/Yr:	.0000182500002719462
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA 0
Year:	2008
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
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:	.000038325000571087
NOX - Oxides of Nitrogen Tons/Yr:	.000280000004172325
SOX - Oxides of Sulphur Tons/Yr:	.0000182500002719462
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA 0
Year:	2009
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
Air District Name:	SAN JOAQUIN VALLEY UNIFIED APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.30753140023687E-5
Reactive Organic Gases Tons/Yr:	6.2500000931322596E-6
Carbon Monoxide Emissions Tons/Yr:	2.3750000353902601E-5
NOX - Oxides of Nitrogen Tons/Yr:	5.0000000745058096E-6
SOX - Oxides of Sulphur Tons/Yr:	1.2500000186264501E-5
Particulate Matter Tons/Yr:	5.0000000745058096E-6
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5.0000000745058096E-6

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA 0
Year:	2010
County Code:	10

SUBURBAN PROPANE (Continued) **1000593198**

Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
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:	2.61506276150627E-4
Reactive Organic Gases Tons/Yr:	0.000125
Carbon Monoxide Emissions Tons/Yr:	0.000475
NOX - Oxides of Nitrogen Tons/Yr:	0.0001
SOX - Oxides of Sulphur Tons/Yr:	2.5000000000000001E-4
Particulate Matter Tons/Yr:	0.0001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0001

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA 0
Year:	2011
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
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:	0.00026150627615
Reactive Organic Gases Tons/Yr:	0.000125
Carbon Monoxide Emissions Tons/Yr:	0.000475
NOX - Oxides of Nitrogen Tons/Yr:	0.0001
SOX - Oxides of Sulphur Tons/Yr:	0.00025
Particulate Matter Tons/Yr:	0.0001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0001

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY
City,State,Zip:	FRESNO, CA 0
Year:	2012
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
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:	0.00026150627615
Reactive Organic Gases Tons/Yr:	0.000125
Carbon Monoxide Emissions Tons/Yr:	0.000475
NOX - Oxides of Nitrogen Tons/Yr:	0.0001
SOX - Oxides of Sulphur Tons/Yr:	0.00025
Particulate Matter Tons/Yr:	0.0001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0001

Name:	SUBURBAN PROPANE, L P
Address:	2874 S CHERRY

SUBURBAN PROPANE (Continued) **1000593198**

City,State,Zip:	FRESNO, CA 0
Year:	2013
County Code:	10
Air Basin:	SJV
Facility ID:	1194
Air District Name:	SJU
SIC Code:	5172
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:	0.00025
Reactive Organic Gases Tons/Yr:	0.000125
Carbon Monoxide Emissions Tons/Yr:	0.000475
NOX - Oxides of Nitrogen Tons/Yr:	0.0001
SOX - Oxides of Sulphur Tons/Yr:	0.00025
Particulate Matter Tons/Yr:	0.0001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0001

HAZNET:

Name:	SUBURBAN PROPANE
Address:	2874 S CHERRY
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 937060000
Contact:	FRANK MARTIN
Telephone:	2092378495
Mailing Name:	Not reported
Mailing Address:	2874 S CHERRY AVE
Year:	2003
Gepaid:	CAD982397127
TSD EPA ID:	NVD980895338
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.45
Year:	2003
Gepaid:	CAD982397127
TSD EPA ID:	CAD982446882
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	4.275
Year:	1999
Gepaid:	CAD982397127
TSD EPA ID:	CAD099452708
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	19.304
Year:	1998
Gepaid:	CAD982397127
TSD EPA ID:	CAD099452708
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	5.0274
Year:	1994

SUBURBAN PROPANE (Continued) **1000593198**

Gepaid: CAD982397127
TSD EPA ID: CAD980887418
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 1.52

Year: 1993
Gepaid: CAD982397127
TSD EPA ID: CAD083166728
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 1.251

Additional Info:
Year: 1993
Gen EPA ID: CAD982397127

Shipment Date: 19930412
Creation Date: 9/6/1995 0:00:00
Receipt Date: 19930413
Manifest ID: 90325437
Trans EPA ID: CAD982361610
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD083166728
Trans Name: Not reported
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: R01 - Recycler
Quantity Tons: 1.251
Waste Quantity: 300
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: 2003
Gen EPA ID: CAD982397127

Shipment Date: 20030627
Creation Date: 7/23/2004 13:23:35
Receipt Date: 20030728
Manifest ID: 22680757
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: CAD063547996
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: Not reported

SUBURBAN PROPANE (Continued) **1000593198**

TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030627
Creation Date:	7/23/2004 13:23:35
Receipt Date:	20030728
Manifest ID:	22680757
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
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:	20030624
Creation Date:	7/22/2004 7:51:02
Receipt Date:	20030624
Manifest ID:	21763878
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446882
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982446882
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:	2.85
Waste Quantity:	750
Quantity Unit:	G
Additional Code 1:	Not reported

SUBURBAN PROPANE (Continued) **1000593198**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030613
Creation Date:	7/20/2004 12:51:42
Receipt Date:	20030613
Manifest ID:	21763974
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982446882
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982446882
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:	1.425
Waste Quantity:	375
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:	1998
Gen EPA ID:	CAD982397127
Shipment Date:	19981203
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981205
Manifest ID:	98023695
Trans EPA ID:	CAL000160729
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.0274
Waste Quantity:	1323
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

SUBURBAN PROPANE (Continued) **1000593198**

Additional Info:

Year:	1994
Gen EPA ID:	CAD982397127
Shipment Date:	19941012
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941012
Manifest ID:	93122822
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.52
Waste Quantity:	400
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:	1999
Gen EPA ID:	CAD982397127
Shipment Date:	19990219
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990222
Manifest ID:	98093036
Trans EPA ID:	CAD981435621
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	19.304
Waste Quantity:	5080
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

SUBURBAN PROPANE (Continued) **1000593198**

HIST CORTESE:
- edr_fname: SUBURBAN PROPANE LP
- edr_fadd1: 2874 CHERRY
- City,State,Zip: FRESNO, CA 93706
- Region: CORTESE
- Facility County Code: 10
- Reg By: LTNKA
- Reg Id: 5T10000686

CERS:
- Name: SUBURBAN PROPANE
- Address: 2874 CHERRY AVE S
- City,State,Zip: FRESNO, CA 93706
- Site ID: 257329
- CERS ID: T0601900665
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
- Entity Title: Not reported
- Affiliation Address: 1221 Fulton Street
- Affiliation City: Fresno
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

HWTS:
- Name: SUBURBAN PROPANE
- Address: 2874 S CHERRY
- Address 2: Not reported
- City,State,Zip: FRESNO, CA 937060000
- EPA ID: CAD982397127
- Inactive Date: 06/30/1999
- Create Date: 06/24/1991
- Last Act Date: 03/02/2005
- Mailing Name: Not reported
- Mailing Address: 2874 S CHERRY AVE
- Mailing Address 2: Not reported
- Mailing City,State,Zip: FRESNO, CA 937065405
- Owner Name: SUBURBAN PROPANE
- Owner Address: 2874 S CHERRY AVE
- Owner Address 2: Not reported
- Owner City,State,Zip: FRESNO, CA 937065405
- Contact Name: FRANK MARTIN
- Contact Address: INACTIVE PER VQ99 - BMI
- Contact Address 2: Not reported
- City,State,Zip: FRESNO, CA 937065405

48
NNW
1/2-1
0.506 mi.
2672 ft.

CHEVRON CHEMICAL COMPANY
2882 EAST ANNADALE AVE
FRESNO, CA 92028

CA ENVIROSTOR **U000049667**
CA Notify 65 **N/A**

Relative:
Higher

Actual:
282 ft.

ENVIROSTOR:

Name:	CHEVRON CHEMICAL, FRESNO
Address:	2882 EAST ANNADALE AVENUE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	10280175
Status:	Refer: RWQCB
Status Date:	08/19/1993
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Sacramento
Assembly:	31
Senate:	14
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	36.69869
Longitude:	-119.7770
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CHEVRON CHEMICAL, FRESNO-RA
Alias Type:	Alternate Name
Alias Name:	CAD000625582
Alias Type:	EPA Identification Number
Alias Name:	110002626793
Alias Type:	EPA (FRS #)
Alias Name:	CAD000625582
Alias Type:	HWTS Identification Code
Alias Name:	10280175
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	De-Certification
Completed Date:	08/19/1993
Comments:	Site referred to RWQCB. Based on this referral, the site is "decertified" and the previous certification is a removal action.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	01/01/1984
Comments:	In 1982, an unspecified amount of contaminated soil was removed.

CHEVRON CHEMICAL COMPANY (Continued) **U000049667**

Activity was approved by the Surveillance and Enforcement Program. The Certification year was 1984 (Month and day information was not available. January 1 is used because it represents the earliest statute of limitations date). The surrounding area is under the oversight of the RWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/05/1982
Comments: FACILITY IDENTIFIED FROM PHONE BOOK.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/26/1990
Comments: Site Sreeening done; RWQCB is overseeing the cleanup and investigation including contaminated soils. They are lead agency and are not in need of DTSC assistance.

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

NOTIFY 65:
Name: CHEVRON CHEMICAL COMPANY
Address: 2882 EAST ANNADALE AVE
City,State,Zip: FRESNO, CA 92028
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

J49 **ORANGE AVE DSPL SITE** **SEMS** **1000315168**
ESE **3280 S ORANGE AVE** **CA WMUDS/SWAT** **CAD050379213**
1/2-1 **FRESNO, CA 93725** **CA SWEEPS UST**
0.533 mi. **CA HIST UST**
2816 ft. **Site 1 of 2 in cluster J** **CA FID UST**
US AIRS
Relative: **CA Notify 65**
Higher **CA WDS**

Actual:
285 ft.

SEMS:
Site ID: 0901407
EPA ID: CAD050379213
Name: ORANGE AVE DSPL SITE

ORANGE AVE DSPL SITE (Continued) **1000315168**

Address:	3280 S ORANGE AVE
Address 2:	Not reported
City,State,Zip:	FRESNO, CA 93725
Cong District:	17
FIPS Code:	06019
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	09
Site ID:	0901407
EPA ID:	CAD050379213
Site Name:	ORANGE AVE DSPL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	4/1/1980 5:00:00 AM
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901407
EPA ID:	CAD050379213
Site Name:	ORANGE AVE DSPL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 05:00:00
Finish Date:	11/1/1979 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901407
EPA ID:	CAD050379213
Site Name:	ORANGE AVE DSPL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	9/27/1991 4:00:00 AM
Qual:	L
Current Action Lead:	EPA Perf

Region:	09

ORANGE AVE DSPL SITE (Continued) **1000315168**

Site ID:	0901407
EPA ID:	CAD050379213
Site Name:	ORANGE AVE DSPL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	Not reported
Finish Date:	9/25/1989 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0901407
EPA ID:	CAD050379213
Site Name:	ORANGE AVE DSPL SITE
NPL:	N
FF:	N
OU:	00
Action Code:	VA
Action Name:	OTHR CLEANUP
SEQ:	1
Start Date:	2006-06-21 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	St Perf

WMUDS/SWAT:

Edit Date:	19930812
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	SLDWST
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	MD
NPID:	Not reported
Tonnage:	400
Regional Board ID:	Not reported
Municipal Solid Waste:	True
Superorder:	True
Open To Public:	True
Waste List:	True
Agency Type:	Private
Agency Name:	ORANGE AVENUE DISP, INC
Agency Department:	Not reported
Agency Address:	PO BOX 446

ORANGE AVE DSPL SITE (Continued) **1000315168**

Agency City,St,Zip: FRESNO CA 93709
Agency Contact: DICK CAGLIA
Agency Telephone: 5592331158
Land Owner Name: ORANGE AVE DISPOSAL INC.
Land Owner Address: 3280 S. ORANGE AVE.
Land Owner City,St,Zip: FRESNO, CA 93725
Land Owner Contact: MR. FRANK CAGLIA
Land Owner Phone: 2092331158
Region: 5F
Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Description: Not reported
Facility Telephone: Not reported
SWAT Facility Name: ORANGE AVE DISPOSAL, INC.
Primary SIC: 4953
Secondary SIC: Not reported
Comments: Not reported
Last Facility Editors: SVMSVMSVM
Waste Discharge System: True
Solid Waste Assessment Test Program: True
Toxic Pits Cleanup Act Program: False
Resource Conservation Recovery Act: False
Department of Defence: False
Solid Waste Assessment Test Program: ORANGE AVE. DISPOSAL, INC.
Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Sub Chapter 15: True
Regional Board Project Officer: DEE
Number of WMUDS at Facility: 1
Section Range: 14S20E26
RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 5D100319001
Solid Waste Information ID: 10-AA-0013

SWEEPS UST:
Name: ORANGE AVENUE DISPOSAL
Address: 3280 S ORANGE AVE
City: FRESNO
Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-006111-000001
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

ORANGE AVE DSPL SITE (Continued) **1000315168**

Content: REG UNLEADED
Number Of Tanks: 4

Name: ORANGE AVENUE DISPOSAL
Address: 3280 S ORANGE AVE
City: FRESNO
Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-006111-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: REGULAR UNLE
Number Of Tanks: Not reported

Name: ORANGE AVENUE DISPOSAL
Address: 3280 S ORANGE AVE
City: FRESNO
Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-006111-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: ORANGE AVENUE DISPOSAL
Address: 3280 S ORANGE AVE
City: FRESNO
Status: Not reported
Comp Number: 6111
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-006111-000004
Tank Status: Not reported
Capacity: 10000

ORANGE AVE DSPL SITE (Continued) **1000315168**

Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: ORANGE AVE DISPOSAL INC
Address: 3280 SO ORANGE
City,State,Zip: FRESNO, CA 93725
File Number: 00024E63
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00024E63.pdf
Region: STATE
Facility ID: 00000061635
Facility Type: Other
Other Type: DISPOSAL CO.
Contact Name: FRANKLIN J. CAGLIA
Telephone: 2092331158
Owner Name: ORANGE AVE. DISPOSAL, INC.
Owner Address: P.O. BOX 446
Owner City,St,Zip: FRESNO, CA 93709
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported

ORANGE AVE DSPL SITE (Continued) **1000315168**

Leak Detection: None

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 10003062
Regulated By: UTNKA
Regulated ID: 00061635
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2092331158
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: FRESNO 93725
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

US AIRS (AFS):
Envid: 1000315168
Region Code: 09
County Code: CA019
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
D and B Number: Not reported
Facility Site Name: ORANGE AVE DISPOSAL
Primary SIC Code: 4953
NAICS Code: 562212
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

ORANGE AVE DSPL SITE (Continued) **1000315168**

Activity Date: 1999-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-09-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-09-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASJV00006019C2425
Facility Registry ID: 110012695119

ORANGE AVE DSPL SITE (Continued) **1000315168**

Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-09-15 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	09
Programmatic ID:	AIR CASJV00006019C2425
Facility Registry ID:	110012695119
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2005-08-22 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

NOTIFY 65:

Name:	ORANGE AVENUE LANDFILL
Address:	3280 SOUTH ORANGE AVE.
City,State,Zip:	FRESNO, CA 92028
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

WDS:

Name:	ORANGE AVE LANDFILL
Address:	3280 S ORAGNE AVE
City:	FRESNO
Facility ID:	Tulare Lake 100319001
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	Not reported
Facility Contact:	DICK CAGLIA
Agency Name:	ORANGE AVENUE DISP INC
Agency Address:	PO BOX 446
Agency City,St,Zip:	FRESNO 93709
Agency Contact:	DICK CAGLIA
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	4953
SIC Code 2:	Not reported

ORANGE AVE DSPL SITE (Continued) **1000315168**

Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	Not reported
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

J50 **ORANGE AVE DISPOSAL SITE** **CA ENVIROSTOR** **S104404152**
ESE **3280 ORANGE AVE S** **CA LUST** **N/A**
1/2-1 **FRESNO, CA 93725** **CA Cortese**
0.533 mi. **CA ENF**
2816 ft. **Site 2 of 2 in cluster J** **CA Financial Assurance**
CA HIST CORTESE
Relative: Higher **CA CIWQS**
CA CERS

Actual: 285 ft.

ENVIROSTOR:

Name:	ORANGE AVENUE DISPOSAL SITE
Address:	3280 SOUTH ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Facility ID:	10490006
Status:	Refer: RWQCB
Status Date:	06/06/1996
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	39
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Sacramento
Assembly:	31

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Senate: 14
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 36.68695
Longitude: -119.7613
APN: 330-220-04
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 330-220-04
Alias Type: APN
Alias Name: CAD050379213
Alias Type: EPA Identification Number
Alias Name: 10490006
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/24/1981
Comments: FACILITY IDENTIFIED FROM EPA SUPERFUND LIST. SITE USED BY FMC, FRESNO.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/10/1987
Comments: SITE SCREENING DONE.EPA LEAD SITE, PRELIMINARY ASSESSMENT COMPLETED, SITE ON CERCLIS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/09/2006
Comments: DTSC completed a reassessment for USEPA under the PA/SI grant.

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

LUST:
Name: ORANGE AVE DISPOSAL SITE
Address: 3280 ORANGE AVE S
City,State,Zip: FRESNO, CA 93725
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900446

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Global Id:	T0601900446
Latitude:	36.6850617
Longitude:	-119.7635141
Status:	Completed - Case Closed
Status Date:	11/14/2011
Case Worker:	MLE
RB Case Number:	5T10000456
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	FA0269541
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0601900446
Contact Type:	Regional Board Caseworker
Contact Name:	MICHEALE EASLEY
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5F)
Address:	1685 E Street
City:	FRESNO
Email:	micheale.easley@waterboards.ca.gov
Phone Number:	5594884391

LUST:

Global Id:	T0601900446
Action Type:	Other
Date:	11/17/1993
Action:	Leak Discovery
Global Id:	T0601900446
Action Type:	Other
Date:	10/14/1993
Action:	Leak Stopped
Global Id:	T0601900446
Action Type:	RESPONSE
Date:	07/11/2011
Action:	Soil and Water Investigation Report
Global Id:	T0601900446
Action Type:	ENFORCEMENT
Date:	07/14/2008
Action:	File review
Global Id:	T0601900446
Action Type:	ENFORCEMENT
Date:	06/25/2008
Action:	Referral to Regional Board

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 07/19/2011
Action: Staff Letter

Global Id: T0601900446
Action Type: Other
Date: 11/22/1993
Action: Leak Reported

Global Id: T0601900446
Action Type: RESPONSE
Date: 08/02/2010
Action: Preliminary Site Assessment Workplan

Global Id: T0601900446
Action Type: RESPONSE
Date: 08/02/2010
Action: Other Report / Document

Global Id: T0601900446
Action Type: RESPONSE
Date: 09/01/2011
Action: Other Report / Document

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 02/02/2011
Action: Staff Letter

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 09/12/2011
Action: Notification - Preclosure

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 08/18/2008
Action: Staff Letter

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 11/14/2011
Action: Closure/No Further Action Letter

Global Id: T0601900446
Action Type: ENFORCEMENT
Date: 06/07/2010
Action: Staff Letter

LUST:
Global Id: T0601900446
Status: Open - Case Begin Date
Status Date: 10/14/1993

Global Id: T0601900446
Status: Open - Site Assessment

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Status Date: 11/22/1993

Global Id: T0601900446
Status: Completed - Case Closed
Status Date: 11/14/2011

LUST REG 5:
Name: ORANGE AVE DISPOSAL SITE
Address: 3280 ORANGE AVE S
City: FRESNO
Region: 5
Status: Pollution Characterization
Case Number: 5T10000456
Case Type: Undefined
Substance: DIESEL
Staff Initials: RWW
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CORTESE:
Name: ORANGE AVE DISPOSAL SITE
Address: 3280 ORANGE AVE S
City,State,Zip: FRESNO, CA 93725
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601900446
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

ENF:
Name: ORANGE AVENUE LANDFILL
Address: 3280 ORANGE AVENUE
City,State,Zip: FRESNO, CA 93725
Region: Not reported
Facility Id: 246108
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Direction/Voice:	Not reported
Enforcement Id(EID):	243328
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	03/13/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 5D100319001
Description:	Submit information that completes the second semi-annual monitoring report for 2002.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	255631
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/24/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 5D100319001
Description:	NOV issued for discharge's failure to submit annual reviews of financial assurance for initiating and completing corrective action and closure/postclousre maintenance.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	239355
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	12/18/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 5D100319001
Description:	Failure to submit Phase 2 Evaluation Monitoring Program work plan.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	366369
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	02/05/2009
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/08/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Status:	Historical
Title:	NOV 02/05/2009 for Orange Avenue Landfill
Description:	Incomplete Monitoring Report
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	359371
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	11/26/2008
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 11/26/2008 for Orange Avenue Landfill
Description:	NOV dated 11/26/08 for failure to submit corrective actions
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	317694

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	10/26/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 10/26/2006 for Orange Ave Landfill
Description:	Failure to submit a complete Second Semi-Annual 2005Self-Monitoring Report and First Semi-Annual 2006 Self-Monitoring Report.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	317691
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	10/27/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 10/27/2006 for Orange Ave Landfill
Description:	Failure to conduct an annual review of the financial assurance for initiating and completing corrective action and closure/post-closure maintenance. Reports not submitted by April 1 due date.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	309773
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/31/2006
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 08/31/2006 for Orange Avenue Landfill
Description:	Not reported
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	309679
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	12/19/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Title:	NOV 12/19/2005 for Orange Avenue Landfill
Description:	Not reported
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	309544
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	05/24/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	NOV 05/24/2005 for Orange Avenue Landfill
Description:	Not reported
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	228735
Region:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	05/24/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/24/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	Notice of Violation regarding WDRs Order No. 93-200.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	228665
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	07/28/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	8/25/1999
Termination Date:	07/28/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	Report submitted 25 August 1999.
Program:	LNDISP
Latest Milestone Completion Date:	8/25/1999
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	228664
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/21/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	10/21/1999
Termination Date:	10/21/1998
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	Report submitted 21 October 1999.
Program:	LNDISP
Latest Milestone Completion Date:	10/21/1999
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	228663
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	07/22/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	7/22/1999
Termination Date:	07/22/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	Report submitted 22 July 1999.
Program:	LNDISP
Latest Milestone Completion Date:	7/22/1999
# Of Programs1:	1
Total Assessment Amount:	0

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Orange Avenue Disposal Company, Inc
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	5D100319001
Reg Measure Id:	142622
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-234
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	11/17/2010
Effective Date:	10/27/2000
Expiration/Review Date:	10/27/2005
Termination Date:	09/21/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	223580
Region:	Not reported
Order / Resolution Number:	95-709
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	09/20/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/02/2010
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	CONDUCT EMP & CAP, COMPLIANCE DATES PHASED. R5-2010-0110 WDR includes remaining requirements of CAO 95-709. EO rescinded the CAO 95-709 on 11/2/2010
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Region:	Not reported
Facility Id:	246108
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	237780
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	08/27/2001
Adoption/Issuance Date:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Achieve Date:	Not reported
Termination Date:	08/27/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 5D100319001
Description:	Not reported
Program:	LNDISP
Latest Milestone Completion Date:	8/31/2001
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CA Financial Assurance 2:

Name:	ORANGE AVENUE DISPOSAL INC
Address:	3280 S ORANGE AVE
City,State,Zip:	FRESNO, CA 93725
Region:	2
SWIS_NO:	10-AA-0013
Closure Approved:	No
Closure Inf Coverage Date:	Not reported
Closure Plan Coverage:	0
Closure Plan Date:	01/01/2018
PostClose Approved:	Yes
PostClose Adequacy Date:	01/01/2018
PostClose Inf Coverage:	1692350
PostClose Inf Coverage Date:	06/01/2018
CorActCoverage:	622327
CorActApproved:	Yes
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	622327
CorActPlanCoverage:	484640
CorAct Plan Date:	01/10/2018
Lia Coverage:	0
Lia Approved:	No
Review:	08/21/2018
Closure Mechanism A:	Not reported
Closure Mechanism B:	Not reported
Closure Coverage:	0
Closure Adequacy:	Not reported
Closure Inflation Estimate:	0
Post Closure Mechanism A:	LETTER OF CREDIT
Post Closure Established A:	03/01/1994
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	1393967
Post Closure Adequacy:	Not reported
Corrective Action Extablished A:	07/06/2016
Corrective Actiont Coverage:	622327
Corrective Action Approved:	Yes
Corrective Action Inflation Estimate:	622327
Corrective Action Inflationdate:	06/01/2018
Corrective Action Plan Estimate:	484640

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Liability Mechanism A:	Not reported
Liability Established A:	Not reported
Liability Mechanism B:	Not reported
CostAnniversary:	02/28/2008
ClosureEstablishedA:	Not reported
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	LETTER OF CREDIT
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstabllishedB:	Not reported
LiabilityAdequacy:	Not reported
Responsible Party:	U. S. Bank
Provider:	Orange Avenue Disposal Service, Inc.
Contact:	Not reported

HIST CORTESE:

edr_fname:	ORANGE AVE LANDFILL
edr_fadd1:	3280 ORANGE
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Facility County Code:	10
Reg By:	WBC&D
Reg Id:	5D100319001

edr_fname:	ORANGE AVE DISPOSAL SITE
edr_fadd1:	3280 ORANGE
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Facility County Code:	10
Reg By:	LTNKA
Reg Id:	5T10000456

edr_fname:	ORANGE AVENUE LANDFILL
edr_fadd1:	3280 ORANGE
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Facility County Code:	10
Reg By:	WB-LF
Reg Id:	10-AA-0013

CIWQS:

Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE AVENUE
City,State,Zip:	FRESNO, CA 93725
Agency:	Orange Avenue Disposal Company, Inc
Agency Address:	Po Box 446, Fresno, CA 93709
Place/Project Type:	Land fill
SIC/NAICS:	4953
Region:	5F
Program:	LFNONOPER, LNDISP
Regulatory Measure Status:	Active
Regulatory Measure Type:	WDR

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Order Number:	R5-2014-0088
WDID:	5D100319001
NPDES Number:	Not reported
Adoption Date:	06/06/2014
Effective Date:	06/06/2014
Termination Date:	Not reported
Expiration/Review Date:	06/06/2024
Design Flow:	0
Major/Minor:	Not reported
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	1
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	ORANGE AVE DISPOSAL SITE
Address:	3280 ORANGE AVE S
City,State,Zip:	FRESNO, CA 93725
Site ID:	200018
CERS ID:	T0601900446
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MICHEALE EASLEY - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title:	Not reported
Affiliation Address:	1685 E Street
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5594884391

Name:	ORANGE AVENUE DISPOSAL INC
Address:	3280 SOUTH ORANGE AVE
City,State,Zip:	FRESNO, CA
Site ID:	510684
CERS ID:	10-AA-0013
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Operator
Entity Name:	Orange Avenue Disposal Service, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	5592331159

Affiliation Type Desc:	Legal Owner
Entity Name:	Orange Avenue Disposal Service, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93725
Affiliation Phone:	5592331159
Name:	ORANGE AVENUE LANDFILL
Address:	3280 ORANGE
City,State,Zip:	FRESNO, CA 93725
Site ID:	140180
CERS ID:	246108
CERS Description:	Land Disposal

Violations:

Site ID:	140180
Site Name:	Orange Avenue Landfill
Violation Date:	05-12-2005
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Failure to submit annual financial assurance update reports for corrective action and closure/postclosure maintenance pursuant to Provisions F.10, F.11, F.12.A.1, and F.12.A.2 of WDR Order No. 5-00-234.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	140180
Site Name:	Orange Avenue Landfill
Violation Date:	11-01-1993
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	VIOL OF SEVERAL SPECIFICATIONS (B.13, B.17, B.18) AND PROVISIONS (C.11, C.13) OF WDR ORDER #90-221, NONCOMPLIANCE W/MRP #90-221.
Violation Division:	Water Boards
Violation Program:	LNDISP
Violation Source:	CIWQS
Site ID:	140180
Site Name:	Orange Avenue Landfill
Violation Date:	11-22-2016
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	During routine compliance inspection on 21 November 2016, Staff observed waste water (stormwater contaminated with leachate from CARTs operations (verified through sampling report)) being transferred from the CARTS lined MRF storm water pond being transported thru the OAD Landfills drainage ditches along the landfill side slopes to the OAD Landfill
Violation Division:	Water Boards
Violation Program:	LFNONOPER
Violation Source:	CIWQS
Site ID:	140180
Site Name:	Orange Avenue Landfill
Violation Date:	10-21-1998
Citation:	California Water Code

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Violation Description: Not reported
Violation Notes: Volatile organic compounds detected in downgradient groundwater monitoring wells.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 07-28-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit Phase 2 Evaluation Monitoring Program Work Plan in accordance with Cleanup and Abatement Order No. 95-709.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 07-22-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit second semiannual 1998 groundwater monitoring report by 15 January 1999 as per MRP 90-221.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 12-18-2001
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit Phase 2 Evaluation Monitoring Program work plan.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 05-24-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to provide complete laboratory analysis information (no MDLs reported).
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 11-26-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit 2007 corrective action cost estimate and financial assurance report.

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 03-27-1996
Citation: California Water Code
Violation Description: Not reported
Violation Notes: NONCOMPLIANCE W/DISCHARGE SPEC B.12 OF ORDER #90-221 REGARDING DESIGN & CONSTRUCTION OF A PRECIPITATION & DRAINAGE CONTROL SYSTEM.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 02-14-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FAILURE TO SUBMIT PHASE 1 EVALUATION, MONITORING PROGRAM REPORT, AND PHASE 2 WORK PLAN. VIOLATION OF CAO ORDER NO. 95-709.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 03-28-1997
Citation: California Water Code
Violation Description: Not reported
Violation Notes: N/C W/ DISCHARGE SPEC. B.12 OF ORDER NO. 90-221 REQ. DESIGN & CONST. OF A PRECIPITATION & DRAINAGE CONTROL SYSTEM.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 08-27-2001
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Lab results do not report MDLs. No quarterly gw elevation monitoring data for first quarter 2001.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 10-21-1998
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Inorganic constituents of concern detected in downgradient groundwater monitoring wells at concentrations above background using ANOVA.
Violation Division: Water Boards
Violation Program: LNDISP

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 10-21-1998
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit second semiannual 1998 groundwater monitoring report by 15 January 1999, as per MRP 90-221.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Violation Date: 03-13-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failure to submit complete Second-Semiannual 2002 report.
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Sampling Inspection
Eval Date: 03-28-1997
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 05-12-2005
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-28-2015
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 05-29-2002
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2006
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2006
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-1993
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2007
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 02-26-1999
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Eval General Type: Compliance Sampling Inspection
Eval Date: 02-28-1995
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 03-07-2000
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 04-27-2001
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 05-20-1998
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2017
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2012
Violations Found: No

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2005
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 02-10-2004
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 03-27-1996
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2014
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-09-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2004
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-09-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-25-2014
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2019
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-01-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 04-18-2003
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2007
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2013
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-21-2016
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-24-2015
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFNONOPER
Eval Source: CIWQS

Enforcement Action:
Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 02-05-2009
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 03-13-2003
Enf Action Type: Notice of Violation (Water)

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 05-24-2000
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 05-24-2005
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 07-22-1999
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 07-28-1999
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 08-27-2001
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 08-31-2006
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 09-20-1995
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 10-21-1998
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Enf Action Date: 10-26-2006
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 10-27-2006
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 11-26-2008
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 12-18-2001
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

Site ID: 140180
Site Name: Orange Avenue Landfill
Site Address: 3280 ORANGE
Site City: FRESNO
Site Zip: 93725
Enf Action Date: 12-19-2005
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards

ORANGE AVE DISPOSAL SITE (Continued) **S104404152**

Enf Action Program: LFNONOPER
Enf Action Source: CIWQS

K51 **COMMERCIAL ELECTROPLATERS** **CA RESPONSE** **S100833189**
WNW **2940 SOUTH ELM AVENUE** **CA ENVIROSTOR** **N/A**
1/2-1 **FRESNO, CA 93706** **CA BOND EXP. PLAN**
0.900 mi. **CA Cortese**
4750 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**
Actual: **278 ft.**

RESPONSE:

Name:	COMMERCIAL ELECTROPLATERS
Address:	2940 SOUTH ELM AVENUE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	10340074
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	2.28
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Melessia Downham
Supervisor:	Lora Jameson
Division Branch:	Northern California Schools & Santa Susana
Site Code:	102259
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	31
Senate:	14
Special Program Status:	Not reported
Status:	Active
Status Date:	04/28/1993
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	36.69436
Longitude:	-119.7920
APN:	328-150-028
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC :	Cadmium and compounds Chromium VI Cyanide (free
Confirmed COC:	Cadmium and compounds Chromium VI Cyanide (free
Potential Description:	AQUI, SOIL
Alias Name:	COMMERCIAL ELECTROPLATING
Alias Type:	Alternate Name
Alias Name:	328-150-028
Alias Type:	APN
Alias Name:	CAN000905729
Alias Type:	EPA Identification Number
Alias Name:	110033613524
Alias Type:	EPA (FRS #)
Alias Name:	SLT5FR074362
Alias Type:	GeoTracker Global ID
Alias Name:	100044
Alias Type:	PCode
Alias Name:	100044
Alias Type:	Project Code (Site Code)
Alias Name:	102259
Alias Type:	Project Code (Site Code)
Alias Name:	10340074
Alias Type:	Envirostor ID Number

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	10/17/2001
Comments:	Imminent and Substantial Endangerment Order issued to require RP to perform a Preliminary Endangerment Assessment for the site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/14/2016
Comments:	complete

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/26/2017
Comments:	complete

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/18/2018
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/02/2019
Comments:	completed

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/15/2020
Comments:	completed

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/27/2016
Comments:	PM CHANGE LETTER

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/30/2017
Comments:	complete

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	01/16/1990
Comments:	SITE SCREENING DONE. SITE REQUIRES PRELIMINARY ENDANGERMENT ASSESSMENT.

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/26/1987
Comments: SITE SCREENING DONE. PA REQUIRED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/02/2006
Comments: Workplan for collection of additonal soil samples and for installation and sampling of two additional monitoring wells was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/05/1982
Comments: FACILITY IDENTIFIED FROM RWQCB FILES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 04/02/2020
Comments: Letter completed and sent to RP and RP's attorney

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 08/17/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/12/2004
Comments: PEA indicated presence of cadmium and hexavalent chromium contamination in surface soils in the former sump area, and also cadmium, hexavalent chromium and cyanide in groundwater. Additional

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

work was requested by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/28/2006
Comments: Field work for characterization work completed in November 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/11/2009
Comments: Groundwater Monitoring Report 3rd. Quarter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/10/2012
Comments: Attempt to collect a deeper discrete groundwater sample was completed on 8/10/2012. This was last last a activity scheduled for this phase of field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/22/2017
Comments: update - incomplete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/09/2016
Comments: Final Site Screen and GIS package will be available from US EPA after US EPA enters it into their database.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 02/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/19/2018

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Comments: review complete but additional revisions required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/15/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/25/2012
Comments: Order modification was sent on 1/25/2012 to Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 12/16/2009
Comments: Oversight cost estimate letter is dated 12/16/2009.

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

ENVIROSTOR:
Name: COMMERCIAL ELECTROPLATERS
Address: 2940 SOUTH ELM AVENUE
City,State,Zip: FRESNO, CA 93706
Facility ID: 10340074
Status: Active
Status Date: 04/28/1993
Site Code: 102259
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 2.28
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Melessia Downham
Supervisor: Lora Jameson
Division Branch: Northern California Schools & Santa Susana
Assembly: 31
Senate: 14
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 36.69436
Longitude: -119.7920
APN: 328-150-028
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Potential COC: Cadmium and compounds Chromium VI Cyanide (free
Confirmed COC: Cadmium and compounds Chromium VI Cyanide (free
Potential Description: AQUI, SOIL
Alias Name: COMMERCIAL ELECTROPLATING
Alias Type: Alternate Name
Alias Name: 328-150-028
Alias Type: APN
Alias Name: CAN000905729
Alias Type: EPA Identification Number
Alias Name: 110033613524
Alias Type: EPA (FRS #)
Alias Name: SLT5FR074362
Alias Type: GeoTracker Global ID
Alias Name: 100044
Alias Type: PCode
Alias Name: 100044
Alias Type: Project Code (Site Code)
Alias Name: 102259
Alias Type: Project Code (Site Code)
Alias Name: 10340074
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/17/2001
Comments: Imminent and Substantial Endangerment Order issued to require RP to perform a Preliminary Endangerment Assessment for the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/14/2016
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2017
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/18/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2019
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2020

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2016
Comments: PM CHANGE LETTER

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/30/2017
Comments: complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/16/1990
Comments: SITE SCREENING DONE. SITE REQUIRES PRELIMINARY ENDANGERMENT ASSESSMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/26/1987
Comments: SITE SCREENING DONE. PA REQUIRED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/02/2006
Comments: Workplan for collection of additonal soil samples and for installation and sampling of two additional monitoring wells was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/05/1982
Comments: FACILITY IDENTIFIED FROM RWQCB FILES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 04/02/2020
Comments: Letter completed and sent to RP and RP’s attorney

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2020

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 08/17/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/12/2004
Comments: PEA indicated presence of cadmium and hexavalent chromium contamination in surface soils in the former sump area, and also cadmium, hexavalent chromium and cyanide in groundwater. Additional work was requested by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/28/2006
Comments: Field work for characterization work completed in November 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/11/2009
Comments: Groundwater Monitoring Report 3rd. Quarter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/10/2012
Comments: Attempt to collect a deeper discrete groundwater sample was completed on 8/10/2012. This was last last a activity scheduled for this phase of field work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

Completed Document Type: Site Characterization Report
Completed Date: 02/22/2017
Comments: update - incomplete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/09/2016
Comments: Final Site Screen and GIS package will be available from US EPA after US EPA enters it into their database.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 02/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/19/2018
Comments: review complete but additional revisions required

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 08/15/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/25/2012
Comments: Order modification was sent on 1/25/2012 to Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 12/16/2009
Comments: Oversight cost estimate letter is dated 12/16/2009.

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

CA BOND EXP. PLAN:
Reponsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: DHS will be issuing a remedial action order or entering into an enforceable

COMMERCIAL ELECTROPLATERS (Continued) **S100833189**

agreement with the responsible parties. DHS has budgeted $50,000 for oversight/monitoring of cleanup efforts. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The responsible parties will pay all costs associated with remedial investigations and cleanup activities.

Site Description: This site was used by an electroplating company. Liquid waste stored in a concrete-walled containment tank and an informal surface impoundment were landfarmed onsite. Seven municipal water wells serving the City of Fresno draw water from the aquiferbelow the facility.

Hazardous Waste Desc: Cadmium cyanide and zinc cyanide have been found onsite.

Threat To Public Health & Env: Drinking water supplies are threatened by contamination from this site. Ground water contamination is suspected but not confirmed.

Site Activity Status: Interim remedial measures have been implemented. The site is pending a preliminary assessment.

CORTESE:

Name:	COMMERCIAL ELECTROPLATERS
Address:	2940 SOUTH ELM AVENUE
City,State,Zip:	FRESNO, CA 93706
Region:	CORTESE
Envirostor Id:	10340074
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	04/28/1993
Site Code:	100044, 102259
Latitude:	36.694369
Longitude:	-119.79200
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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:	Haz Waste & Substances Sites

K52 **COMMERCIAL ELECTROPLATERS** **CA HIST Cal-Sites** **S102860839**
WNW **2940 SOUTH ELM AVENUE** **N/A**
1/2-1 **FRESNO, CA 93706**
0.900 mi.
4750 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**

Actual: **278 ft.**

Calsite:

Name:	COMMERCIAL ELECTROPLATERS
Address:	2940 SOUTH ELM AVENUE
City:	FRESNO
Region:	SACRAMENTO
Facility ID:	10340074
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	CC
Branch Name:	CENTRAL CALIFORNIA

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

File Name: Not reported
State Senate District: 04281993
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 34
SIC Name: MANU - FABRICATED METAL PRODUCTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: MPFISTER
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 31
State Senate District Code: 16
Facility ID: 10340074
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03051982
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: 10340074
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01261987
Est Person-Yrs to complete: 0
Estimated Size: Not reported

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

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:	10340074
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01161990
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:	10340074
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02232000
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

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	10340074
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	IS&E
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10172001
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:	10340074
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05122004
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:	10340074
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

Proposed Budget:	0
AWP Completion Date:	07312006
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
Alternate Address:	2940 SOUTH ELM AVENUE
Alternate City,St,Zip:	FRESNO, CA 93706
Alternate Address:	1937 S CHERRY AVENUE
Alternate City,St,Zip:	FRESNO, CA 93721
Background Info:	This is the site of a former electroplating operation. It operated from approximately 1956-1971. Waste water was periodically piped to an unlined pit on the property and sludge was spread over the ground. Surface soil samples collected from site in 1985 contained elevated concentrations of cadmium and lead. An Imminent and Substantial Endangerment Order was issued in October 2001, and requires that a Preliminary Endangerment Assessment be conducted.
Comments Date:	01011984
Comments:	This is the date the site was first listed AWP pursuant to
Comments Date:	01011984
Comments:	Section 25356.
Comments Date:	01161990
Comments:	SITE SCREENING DONE. SITE REQUIRES PRELIMINARY ENDANGERMENT
Comments Date:	01161990
Comments:	ASSESSMENT.
Comments Date:	01191983
Comments:	FINAL STRATEGY IDENTIFIED AS AN ABANDONED SITE.
Comments Date:	01261987
Comments:	SITE SCREENING DONE. PA REQUIRED.
Comments Date:	02161996
Comments:	A Voluntary Cleanup Program information letter was sent by
Comments Date:	02161996
Comments:	DTSC on December 29,1995.
Comments Date:	02232000
Comments:	PRP - DTSC conducted a review of the Choice Point database to
Comments Date:	02232000
Comments:	determine site ownership (current and historical) and evaluate
Comments Date:	02232000
Comments:	the data for use in establishing liability for site cleanup as
Comments Date:	02232000
Comments:	a Potentially Responsible Party.
Comments Date:	03051982

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

Comments:	FACILITY IDENTIFIED FROM RWQCB FILES.
Comments Date:	04261982
Comments:	FACILITY DRIVE BY. FORMER ACID SUMP ON SITE. MOVED TO
Comments Date:	04261982
Comments:	1937 SOUTH CHERRY ABOUT 1971.
Comments Date:	04281993
Comments:	A site screening was completed January 16, 1990,
Comments Date:	04281993
Comments:	by DTSC staff. A recommendation of PEA required
Comments Date:	04281993
Comments:	high priority was given. Neither DTSC nor RWQCB
Comments Date:	04281993
Comments:	were working on the site. Cadmium was detected
Comments Date:	04281993
Comments:	at 438 ug/g and chromium at 435 ug/g in soil
Comments Date:	04281993
Comments:	samples taken.
Comments Date:	05151991
Comments:	NOT ON 90/91 AWP. STATUS NEEDS TO BE DETERMINED.
Comments Date:	05231969
Comments:	SAMPLE RESULTS RWQCB: ZINC 65 MG/L, CADMIUM 7.2 MG/L
Comments Date:	05231969
Comments:	CYANIDE 7.0 MG/L
Comments Date:	06131989
Comments:	SITE IS ON 1989 BOND EXPENDITURE PLAN.
Comments Date:	06131989
Comments:	APN 328-150-28
Comments Date:	06151982
Comments:	MAP OF ABANDONED SUMP IN RWQCB FILES
Comments Date:	06151982
Comments:	DUMPED PLATING WASTE ON SITE 1956-1969
Comments Date:	07022004
Comments:	PEA (PRELIMINARY ENDANGERMENT ASSESSMENT) -- APPROVAL OF THE
Comments Date:	07022004
Comments:	PEA REPORT FOR THE FORMER COMMERCIAL ELECTRO PLATERS FACILITY
Comments Date:	07022004
Comments:	AT 2940 SOUTH ELM AVENUE, FRESNO, CALIFORNIA. GROUNDWATER
Comments Date:	07022004
Comments:	CONTAMINATION WAS IDENTIFIED AND THE APPROVED REPORT NOTES THAT
Comments Date:	07022004
Comments:	ADDITIONAL GROUNDWATER ASSESSMENT WORK IS NEEDED.
Comments Date:	07181985
Comments:	HAZARDOUS RANKING SCORE 21.30.
Comments Date:	10182001
Comments:	An Imminent & Substantial Endangerment Order was issued to
Comments Date:	10182001
Comments:	Commercial Electro Platers to conduct a Preliminary Endangerment
Comments Date:	10182001
Comments:	Assessment. The facility is now located at 1937 South Cherry
Comments Date:	10182001
Comments:	Avenue, Fresno. The order is for the previous location at
Comments Date:	10182001
Comments:	2940 S. Elm Avenue, Fresno.
Comments Date:	12051985
Comments:	SAMPLE RESULTS CADMIUM 438 UG/G IN SOIL
ID Name:	CALSTARS CODE
ID Value:	100044

COMMERCIAL ELECTROPLATERS (Continued) **S102860839**

Alternate Name: COMMERCIAL ELECTROPLATERS
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

53
ESE
1/2-1
0.911 mi.
4812 ft.

NEW IDRIA MINING AND CHEMICAL **CA ENVIROSTOR** **S107449828**
3457 SOUTH CEDAR AVENUE **CA CHMIRS** **N/A**
FRESNO, CA 93725

Relative:
Higher

Actual:
288 ft.

ENVIROSTOR:
Name: NEW IDRIA MINING AND CHEMICAL
Address: 3457 SOUTH CEDAR AVENUE
City,State,Zip: FRESNO, CA 93725
Facility ID: 10100001
Status: Inactive - Needs Evaluation
Status Date: 10/31/1995
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 15
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Kevin Shaddy
Division Branch: Cleanup San Joaquin
Assembly: 31
Senate: 14
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 36.68598
Longitude: -119.7573
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LAND PARCEL SITE
Alias Type: Alternate Name
Alias Name: TUNGSTEN PROCESSOR STORING REFRIG EQUIP
Alias Type: Alternate Name
Alias Name: CAD983577792
Alias Type: EPA Identification Number
Alias Name: 110009268372
Alias Type: EPA (FRS #)
Alias Name: 10100001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/05/1982
Comments: Facility identified from phone book.

NEW IDRIA MINING AND CHEMICAL (Continued) **S107449828**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/29/1992
Comments: This 15 acre site was owned by New Idria Mining and Chemical and sold to Frank and Florence Caglia. The site is composed of one building and a salvage yard. The yard contains approximately 850 empty drums, tires, metal scraps, unused autos and trucks, batteries, machinery and air chambers. Sample from onsite monitoring well indicate concentrations of cadmium, manganese and carbon tetrachloride above the Federal and State MCLs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/09/2006
Comments: DTSC completed a reassessment for USEPA under the PA/SI grant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/20/2011
Comments: Site Reassessment form was completed by DTSC pursuant to US EPA grant and in accordance with worrk associated with the Blackstone Avenue Discovery project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 06/30/2014
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

CHMIRS:
Name: Not reported
Address: 3457 SOUTH CEDAR AVE
City,State,Zip: FRESNO, CA
OES Incident Number: 4-3136
OES notification: 06/16/2004
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported

NEW IDRIA MINING AND CHEMICAL (Continued) **S107449828**

Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2004
Agency:	Fresno Co Env Health
Incident Date:	6/15/200412:00:00 AM
Admin Agency:	Fresno County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	radiological contaminated trash
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	At the recycling/transfer station, radiological material was found in a residential refuge truck. Diapers, chewed up food, and other misc material

NEW IDRIA MINING AND CHEMICAL (Continued) **S107449828**

was found to be contaminated with radiological material. They believe it may possibly be from someone wwho is going thru chemo therapy.

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54 **K B K OILS** **CA ENVIROSTOR** **S100187339**
ENE **2874 S HWY 99** **N/A**
1/2-1 **FRESNO, CA 93725**
0.929 mi.
4905 ft.

Relative:
Higher

Actual:
288 ft.

ENVIROSTOR:

Name:	K B K OILS
Address:	2874 S HWY 99
City,State,Zip:	FRESNO, CA 93725
Facility ID:	10290032
Status:	Refer: Other Agency
Status Date:	11/16/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
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:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* UNSPECIFIED OIL CONTAINING WASTE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	10290032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/05/1982
Comments:	FACILITY IDENTIFIED FROM PHONE BOOK.
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

K B K OILS (Continued) **S100187339**

Schedule Revised Date: Not reported

55
North
1/2-1
0.983 mi.
5188 ft.

MOHAWK PETROLEUM CORP
2619 SOUTH EAST AVENUE
FRESNO, CA 93706

CA ENVIROSTOR **S101480159**
N/A

Relative:
Higher

Actual:
288 ft.

ENVIROSTOR:

Name:	MOHAWK PETROLEUM CORP
Address:	2619 SOUTH EAST AVENUE
City,State,Zip:	FRESNO, CA 93706
Facility ID:	10290139
Status:	Refer: Other Agency
Status Date:	10/03/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Sacramento
Assembly:	31
Senate:	14
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	36.70583
Longitude:	-119.7755
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	10290139
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/05/1982
Comments:	FACILITY IDENTIFIED FROM PHONE BOOK.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 12 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DEL REY	S107539601		NW CORNER LOCAN RD, @ NORTH AV	93725	CA CDL
FRESNO	S107537515		ALONG ROADSIDE OF KEARNEY BLVD		CA CDL
FRESNO	S107539565		NORTH AVE (1/2 MI W OF CORNELI	93706	CA CDL
FRESNO	S112138471		NORTH AVE, 1/8TH MILE WEST OF	93706	CA CDL
FRESNO	S105960401	PACIFIC GAS AND ELECTRIC - FRESNO	CALIFORNIA AND ORANGE AVENUES	93725	CA BOND EXP. PLAN
FRESNO	S107540624		SE CORNER OF NORTH & BRAWLEY A	93706	CA CDL
FRESNO	S107539084		KEARNEY BLVD, EAST OF CORNELIA	93706	CA CDL
FRESNO	S112138454		S. MINNEWAWA AVE, JUST SOUTH O	93725	CA CDL
FRESNO	S114728015	FRESNO MATERIALS RECOVERY & TRANSF	S OF NORTH AVE, EAST OF MAPLE		CA RGA LF
FRESNO	S107538409		EAST SHAW AVE 9TH STREET	93706	CA CDL
FRESNO	S107526637		1/4 MI WEST OF CORNELIA ON NOR		CA CDL
FRESNO	S108407383		ON WEST AVE, 150 YDS S OF NORT	93706	CA CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/24/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/05/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
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: 05/17/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/23/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
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: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

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

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST 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 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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
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: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
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 R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
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 LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
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

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/20/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/30/2021
Number of Days to Update: 87
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6137
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: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

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

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: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
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: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

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 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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78
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 Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/17/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/13/2021
Number of Days to Update: 88
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/27/2021
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.

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: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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: 08/17/2021
Next Scheduled EDR Contact: 11/22/2021
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: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 07/22/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 78

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

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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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: 07/26/2021
Next Scheduled EDR Contact: 11/14/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/13/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/15/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
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: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
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: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
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
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
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
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
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: 07/19/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 85
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27
Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 12/13/2021
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: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 11/15/2021
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
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/03/2021
Next Scheduled EDR Contact: 12/13/2021
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/27/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
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.

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: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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: 09/15/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
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: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
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: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/13/2021
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: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
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: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 12/20/2021
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: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/26/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
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: 06/17/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/21/2021
Next Scheduled EDR Contact: 01/03/2022
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: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/18/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/05/2021
Number of Days to Update: 78
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 05/25/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/17/2021
Next Scheduled EDR Contact: 12/27/2021
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 Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/13/2021
Next Scheduled EDR Contact: 01/31/2022
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: 10/05/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
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.

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: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
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 [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
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: 07/01/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/04/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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: 08/26/2021
Next Scheduled EDR Contact: 12/27/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
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: 06/07/2021
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/15/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
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: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/24/2021
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/03/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/07/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Varies

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

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55
Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
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: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/22/2021
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 42

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/30/2021
Next Scheduled EDR Contact: 01/17/2022
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: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
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: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
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: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/11/2021
Number of Days to Update: 83

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: 06/29/2021
Date Data Arrived at EDR: 07/23/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 77

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.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

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: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
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: 09/07/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/08/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/17/2022
Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/09/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
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: 10/05/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/08/2021
Next Scheduled EDR Contact: 01/24/2022
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
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 11

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
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: 04/19/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 09/14/2021
Number of Days to Update: 89

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/24/2021
Next Scheduled EDR Contact: 01/03/2022
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: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

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

Date of Government Version: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 04/07/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2021
Next Scheduled EDR Contact: 11/28/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/06/3021
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: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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.

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: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
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: 11/15/2021
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: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
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: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
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: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Quarterly

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: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
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: 09/28/2021
Next Scheduled EDR Contact: 01/10/2022
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: 10/01/2021
Next Scheduled EDR Contact: 01/10/2022
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: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
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: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
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: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
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: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
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: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 09/10/2021
Next Scheduled EDR Contact: 12/20/2021
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: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
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: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/22/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/12/2021
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: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/14/2021
Next Scheduled EDR Contact: 01/03/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/06/2021
Next Scheduled EDR Contact: 01/24/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/13/2021
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: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/15/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/15/2021
Next Scheduled EDR Contact: 01/31/2022
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: 08/24/2021
Next Scheduled EDR Contact: 11/15/2021
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: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/14/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
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: 05/26/2021
Date Data Arrived at EDR: 07/19/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 80

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/18/2021
Next Scheduled EDR Contact: 01/31/2022
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 06/04/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 84

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/08/2021
Next Scheduled EDR Contact: 12/20/2021
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: 06/22/2021
Date Data Arrived at EDR: 06/28/2021
Date Made Active in Reports: 09/21/2021
Number of Days to Update: 85

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/23/2021
Next Scheduled EDR Contact: 01/10/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/20/2021
Date Data Arrived at EDR: 07/20/2021
Date Made Active in Reports: 10/08/2021
Number of Days to Update: 80

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: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
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: 10/05/2021
Next Scheduled EDR Contact: 01/17/2022
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: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
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: 10/07/2021
Next Scheduled EDR Contact: 01/24/2022
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: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FRESNO
SWC NORTH AVENUE & EAST AVENUE
FRESNO, CA 93725

TARGET PROPERTY COORDINATES

Latitude (North):	36.691158 - 36° 41' 28.17''
Longitude (West):	119.774397 - 119° 46' 27.83''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	252116.3
UTM Y (Meters):	4063997.5
Elevation:	282 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5603172 FRESNO SOUTH, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

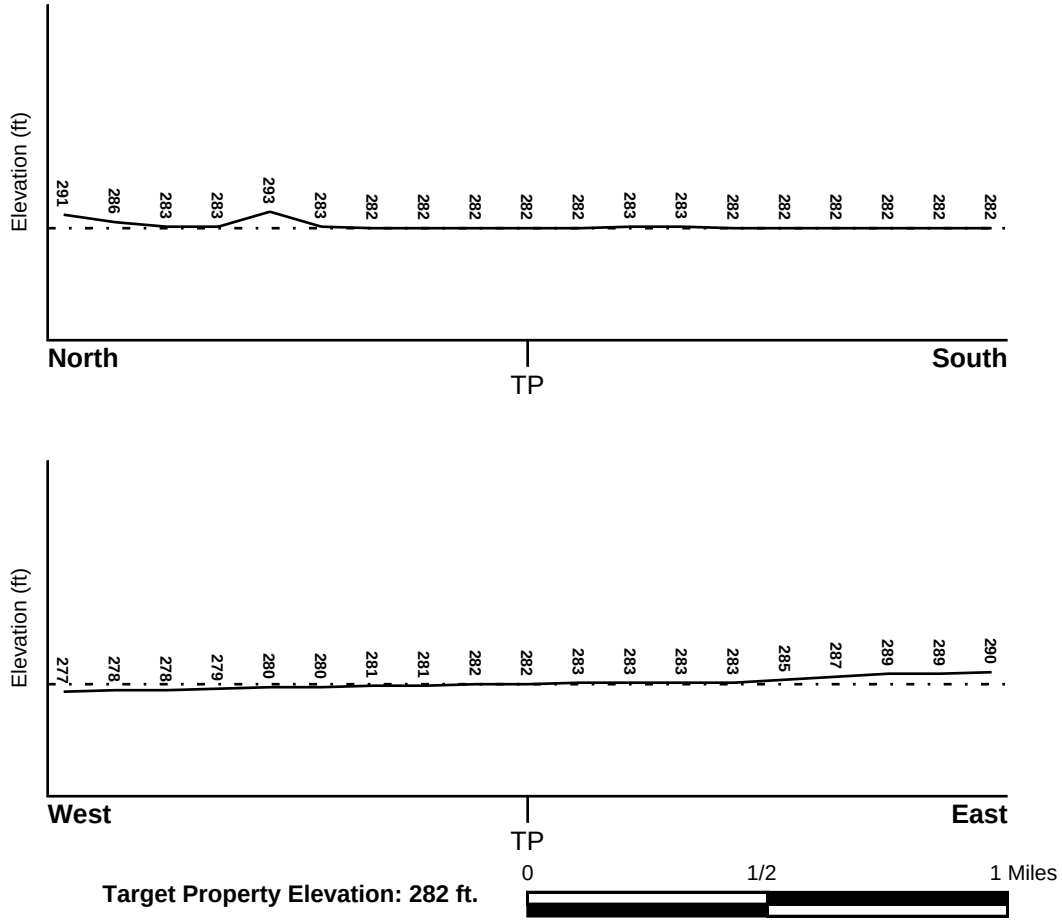
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06019C2110H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06019C2125H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
FRESNO SOUTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

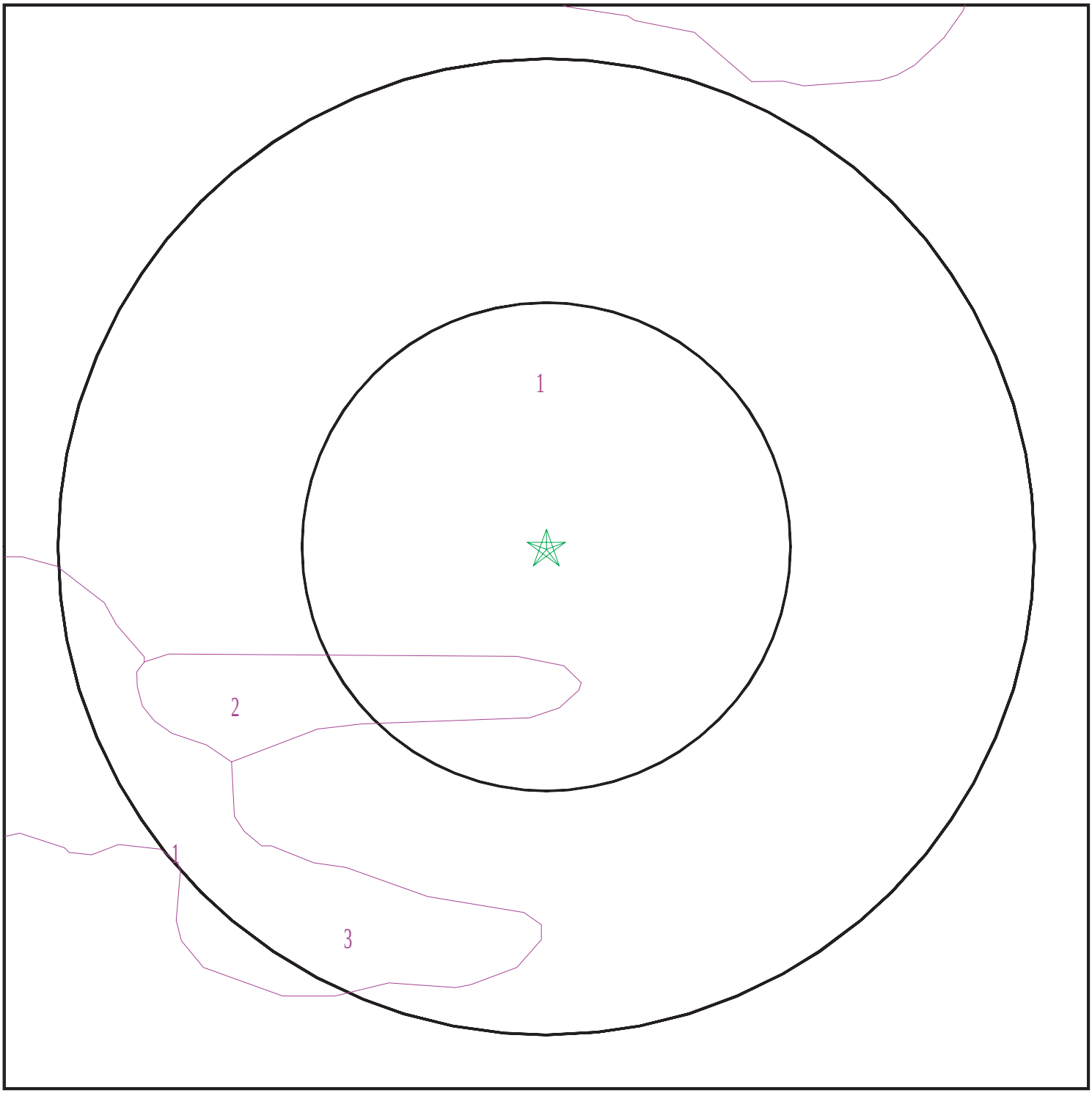
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6709412.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Fresno	CLIENT:	ATC Group Services LLC
ADDRESS:	SWC North Avenue & East Avenue Fresno CA 93725	CONTACT:	John Sellman
		INQUIRY #:	6709412.2s
LAT/LONG:	36.691158 / 119.774397	DATE:	October 19, 2021 8:57 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: HESPERIA

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	11 inches	31 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	31 inches	42 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
4	42 inches	59 inches	silt	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: HESPERIA

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
2	11 inches	31 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	31 inches	42 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
4	42 inches	59 inches	silt	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: HANFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	16 inches	72 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000176451	1/4 - 1/2 Mile SW
5	USGS40000176508	1/4 - 1/2 Mile West
12	USGS40000176551	1/2 - 1 Mile ENE
33	USGS40000176400	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

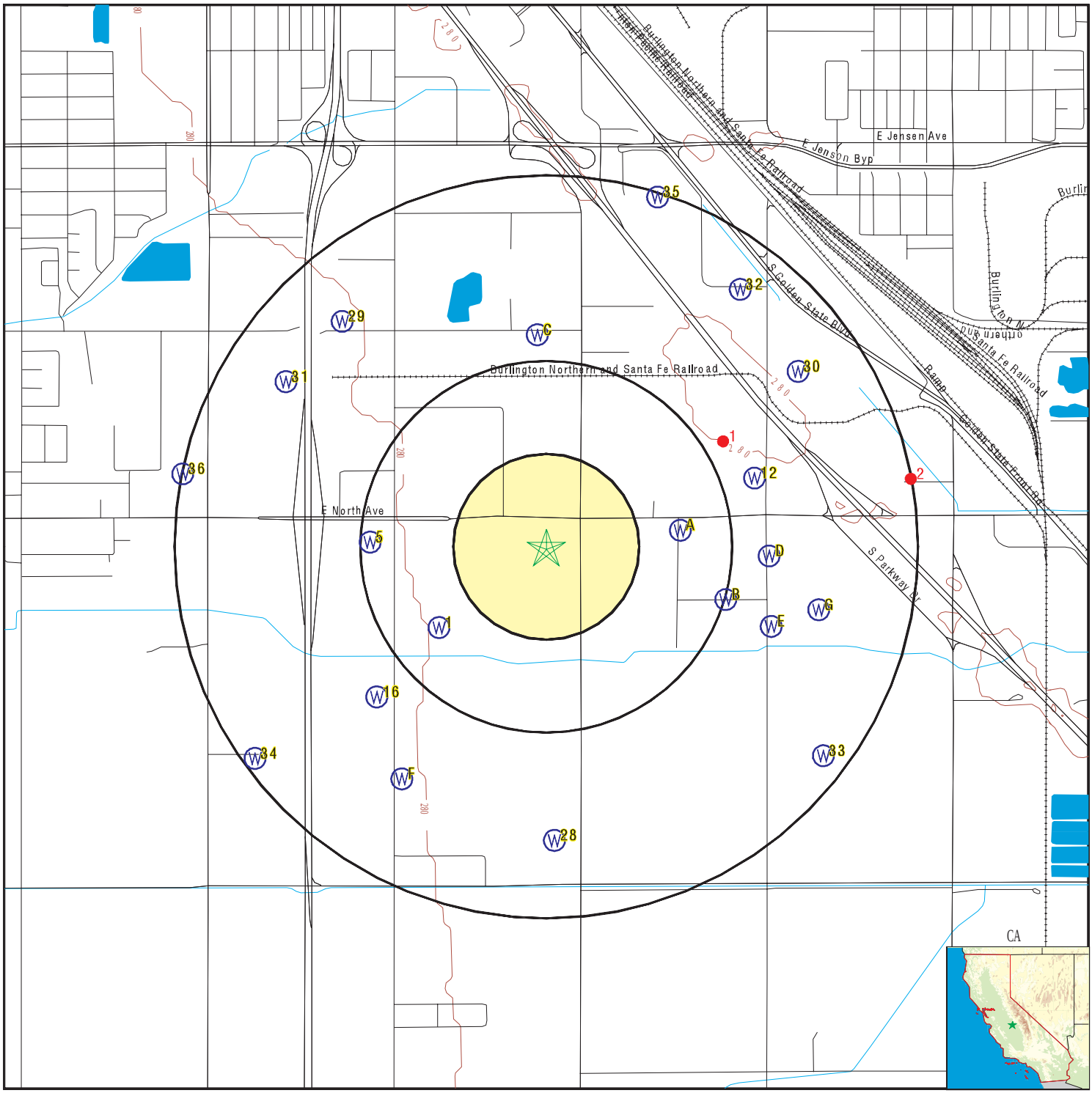
MAP ID	WELL ID	LOCATION FROM TP
A2	CAEDF0000044153	1/4 - 1/2 Mile East
A3	CAEDF0000119514	1/4 - 1/2 Mile East
A4	CAEDF0000134964	1/4 - 1/2 Mile East
B6	CAEDF0000054314	1/2 - 1 Mile ESE
B7	CAEDF0000058878	1/2 - 1 Mile ESE
B8	CAEDF0000072134	1/2 - 1 Mile ESE
C9	12178	1/2 - 1 Mile North
C10	CADDW0000016636	1/2 - 1 Mile North
C11	CADWR9000029529	1/2 - 1 Mile North
D13	CAEDF0000055789	1/2 - 1 Mile East
D14	CAEDF0000017913	1/2 - 1 Mile East
D15	CAEDF0000055785	1/2 - 1 Mile East
16	CAEDF0000025214	1/2 - 1 Mile SW
E17	CAEDF0000052791	1/2 - 1 Mile ESE
E18	CAEDF0000109828	1/2 - 1 Mile ESE
E19	CAEDF0000116693	1/2 - 1 Mile ESE
E20	CAEDF0000063376	1/2 - 1 Mile ESE
E21	CAEDF0000076064	1/2 - 1 Mile ESE
E22	CAEDF0000062339	1/2 - 1 Mile ESE
F23	CADDW0000006844	1/2 - 1 Mile SSW
G24	CAEDF0000004480	1/2 - 1 Mile ESE
G25	CAEDF0000039151	1/2 - 1 Mile ESE
G26	CAEDF0000138280	1/2 - 1 Mile ESE
F27	12187	1/2 - 1 Mile SSW
28	CADWR0000015383	1/2 - 1 Mile South
29	11718	1/2 - 1 Mile NW
30	CADDW0000018584	1/2 - 1 Mile NE
31	CADWR0000023801	1/2 - 1 Mile WNW
32	CADWR0000011956	1/2 - 1 Mile NE
34	CADDW0000001477	1/2 - 1 Mile SW
35	CADWR0000030902	1/2 - 1 Mile NNE
36	CADWR0000010583	1/2 - 1 Mile WNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000012546	1/2 - 1 Mile ENE
2	CAOG14000013505	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 6709412.2s



- 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:	Fresno	CLIENT:	ATC Group Services LLC
ADDRESS:	SWC North Avenue & East Avenue Fresno CA 93725	CONTACT:	John Sellman
		INQUIRY #:	6709412.2s
LAT/LONG:	36.691158 / 119.774397	DATE:	October 19, 2021 8:57 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000176451**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E27F001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510130	Well Depth:	90
Well Depth Units:	ft	Well Hole Depth:	93
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-22
Feet below surface:	45.15	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000044153**

A3
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000119514**

A4
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000134964**

5
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000176508**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E27C001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510816	Well Depth:	79
Well Depth Units:	ft	Well Hole Depth:	93
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-04-23

Feet below surface:	49.00	Feet to sea level:	Not Reported
Note:	Not Reported		

B6
ESE **CA WELLS** **CAEDF0000054314**
1/2 - 1 Mile
Higher

B7
ESE **CA WELLS** **CAEDF0000058878**
1/2 - 1 Mile
Higher

B8
ESE **CA WELLS** **CAEDF0000072134**
1/2 - 1 Mile
Higher

C9
North **CA WELLS** **12178**
1/2 - 1 Mile
Higher

Seq:	12178	Prim sta c:	14S/20E-22J02 M
Frds no:	1010007173	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 040A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364158.0	Longitude:	1194625.0
Precision:	2	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		

Sample date:	09-OCT-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	09-OCT-17	Finding:	7.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-OCT-17	Finding:	0.38
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	09-OCT-17	Finding:	380.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	09-OCT-17	Finding:	0.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-OCT-17	Finding:	430.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-OCT-17	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-OCT-17	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-OCT-17	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	5.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	48.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-OCT-17	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-OCT-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS

Dlr:	0.		
Sample date:	09-OCT-17	Finding:	1.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-OCT-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-15	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUN-14	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUN-14	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	4.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	28.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	210.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	09-JUN-14	Finding:	520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	0.53
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUN-14	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUN-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-OCT-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-MAY-13	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

C10
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016636**

C11
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000029529**

State Well #:	Not Reported	Station ID:	54384
Well Name:	14S20E22J001MX	Basin Name:	Kings
Well Use:	Public Supply	Well Type:	Single Well
Well Depth:	0	Well Completion Rpt #:	Not Reported

12
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000176551**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E23P001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported

Well Hole Depth Units: Not Reported

Ground water levels,Number of Measurements: 1 Level reading date: 1963-10-22
Feet below surface: 50.36 Feet to sea level: Not Reported
Note: Not Reported

D13
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055789**

D14
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000017913**

D15
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055785**

16
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000025214**

E17
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052791**

E18
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000109828**

E19
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116693**

E20
ESE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063376**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
E21 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000076064**
E22 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000062339**
F23 **SSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000006844**
G24 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000004480**
G25 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000039151**
G26 **ESE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000138280**
F27 **SSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**12187**

Seq:	12187	Prim sta c:	14S/20E-27K01 M
Frds no:	1000276001	County:	10
District:	40	User id:	10C
System no:	1000276	Water type:	G
Source nam:	SCHOOL WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	364055.0	Longitude:	1194650.0
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:	1000276	System nam:	Orange Center School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Sample date:	17-JAN-18	Finding:	3.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-17	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-16	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUL-16	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-APR-16	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JAN-16	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	0.25
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-JAN-16	Finding:	0.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	290.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	3.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-JAN-16	Finding:	8.2
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	21-JAN-16	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	3.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	40.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JAN-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-JAN-16	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAY-15	Finding:	0.348
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-MAY-15	Finding:	1.07
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-MAY-15	Finding:	4.6
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-DEC-14	Finding:	3.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-JAN-14	Finding:	26.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	17-JAN-13	Finding:	5.5
Chemical:	LEAD	Report units:	UG/L
Dlr:	5.		

Sample date:	11-JAN-12	Finding:	20.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

28
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000015383**

29
NW
1/2 - 1 Mile
Lower

CA WELLS **11718**

Seq:	11718	Prim sta c:	13S/20E-22L01 M
Frds no:	1010007185	County:	10
District:	11	User id:	AGE
System no:	1010007	Water type:	G
Source nam:	WELL 051	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	364200.0	Longitude:	1194700.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1010007	System nam:	Fresno, City Of
Hqname:	Not Reported	Address:	2326 FRESNO STREET
City:	FRESNO	State:	CA
Zip:	93721	Zip ext:	2988
Pop serv:	390350	Connection:	99005
Area serve:	CITY OF FRESNO		

Sample date:	26-FEB-18	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-JAN-18	Finding:	3.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-FEB-17	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	14-FEB-17	Finding:	3.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-FEB-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-FEB-17	Finding:	0.24
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	14-FEB-17	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.8
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	2.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	9.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	5.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	26.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	3.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-FEB-17	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-MAR-16	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-14	Finding:	2.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	17-APR-14	Finding:	7.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-14	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-14	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	0.12
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-14	Finding:	15.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	15.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	15.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	23.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	120.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
30 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADDW0000018584**
31 **WNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000023801**
32 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR0000011956**
33 **SE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000176400**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	014S020E26L001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1942	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-22
Feet below surface:	44.05	Feet to sea level:	Not Reported
Note:	Not Reported		

34 **SW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000001477**
35 **NNE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR0000030902**
36 **WNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000010583**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ENE
1/2 - 1 Mile

OIL_GAS **CAOG14000012546**

API #:	0401906063	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Mid-Cal-Suglian	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	01/15/1951		

2
East
1/2 - 1 Mile

OIL_GAS **CAOG14000013505**

API #:	0401906061	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Lease by Fresno Associated Oil & Gas Co.		
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	12/31/1922

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93725	21	1

Federal EPA Radon Zone for FRESNO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93725

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX F

AERIAL PHOTOGRAPHS

Fresno

SWC North Avenue & East Avenue

Fresno, CA 93725

Inquiry Number: 6709412.11

October 19, 2021

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

10/19/21

Site Name:

Fresno
SWC North Avenue & East Ave
Fresno, CA 93725
EDR Inquiry # 6709412.11

Client Name:

ATC Group Services LLC
1117 Lone Palm Ave-Suite B
Modesto, CA 95351
Contact: John Sellman

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=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
1998	1"=500'	Acquisition Date: January 01, 1998	USGS/DOQQ
1987	1"=500'	Flight Date: June 17, 1987	USDA
1984	1"=500'	Flight Date: June 09, 1984	USDA
1979	1"=500'	Flight Date: September 04, 1979	USDA
1973	1"=500'	Flight Date: May 08, 1973	USDA
1967	1"=500'	Flight Date: May 02, 1967	USDA
1962	1"=500'	Flight Date: August 09, 1962	USGS
1957	1"=500'	Flight Date: August 09, 1957	USDA
1950	1"=500'	Flight Date: January 30, 1950	USDA
1946	1"=500'	Flight Date: April 23, 1946	USGS
1937	1"=500'	Flight Date: November 04, 1937	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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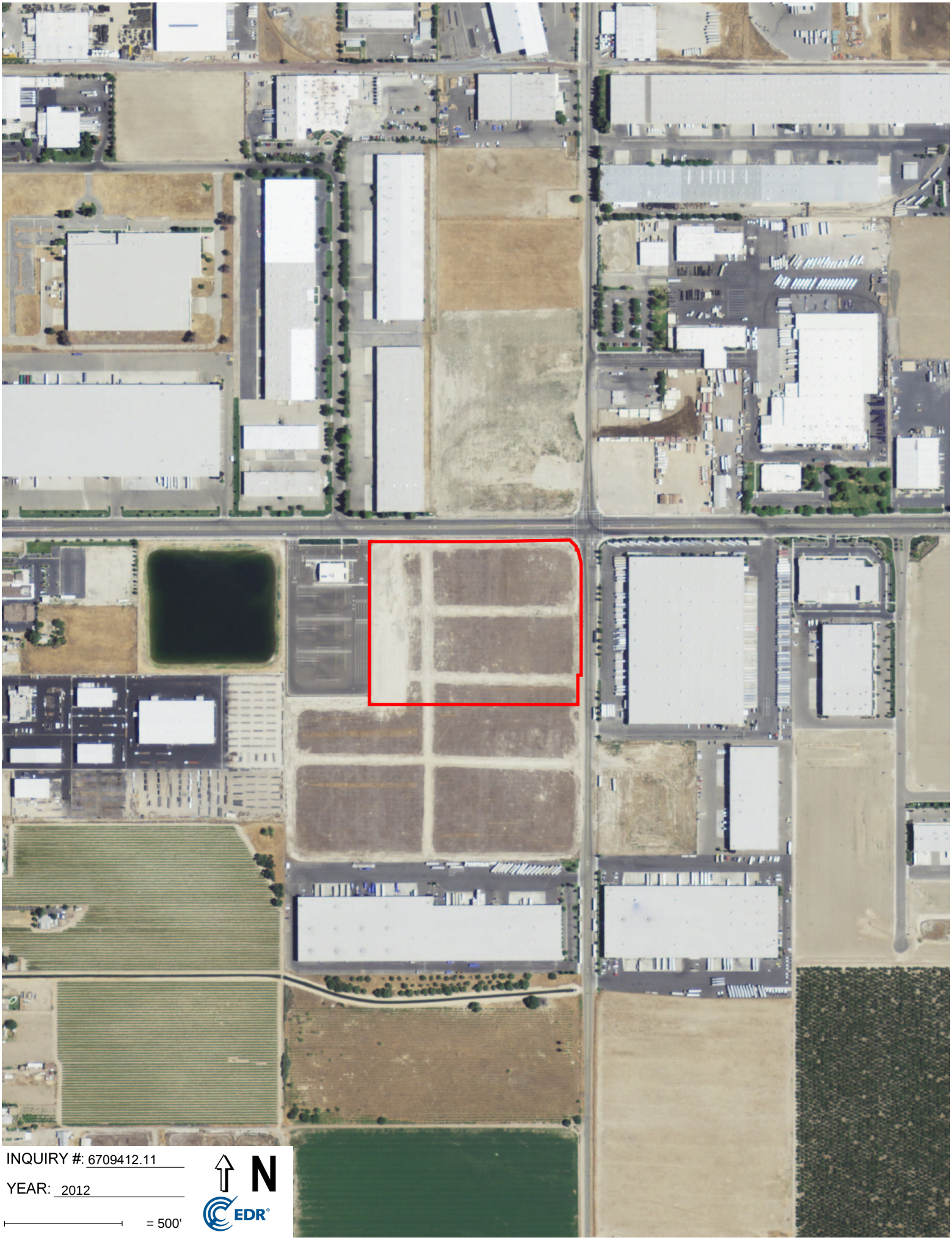
INQUIRY #: 6709412.11

YEAR: 2016

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 2012

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 2009

= 500'

N

EDR


INQUIRY #: 6709412.11
YEAR: 2006
= 500'
N
EDR



INQUIRY #: 6709412.11

YEAR: 1998

= 500'

N

EDR


INQUIRY #: 6709412.11
YEAR: 1987
= 500'
N
EDR



INQUIRY #: 6709412.11

YEAR: 1984

= 500'

N

EDR



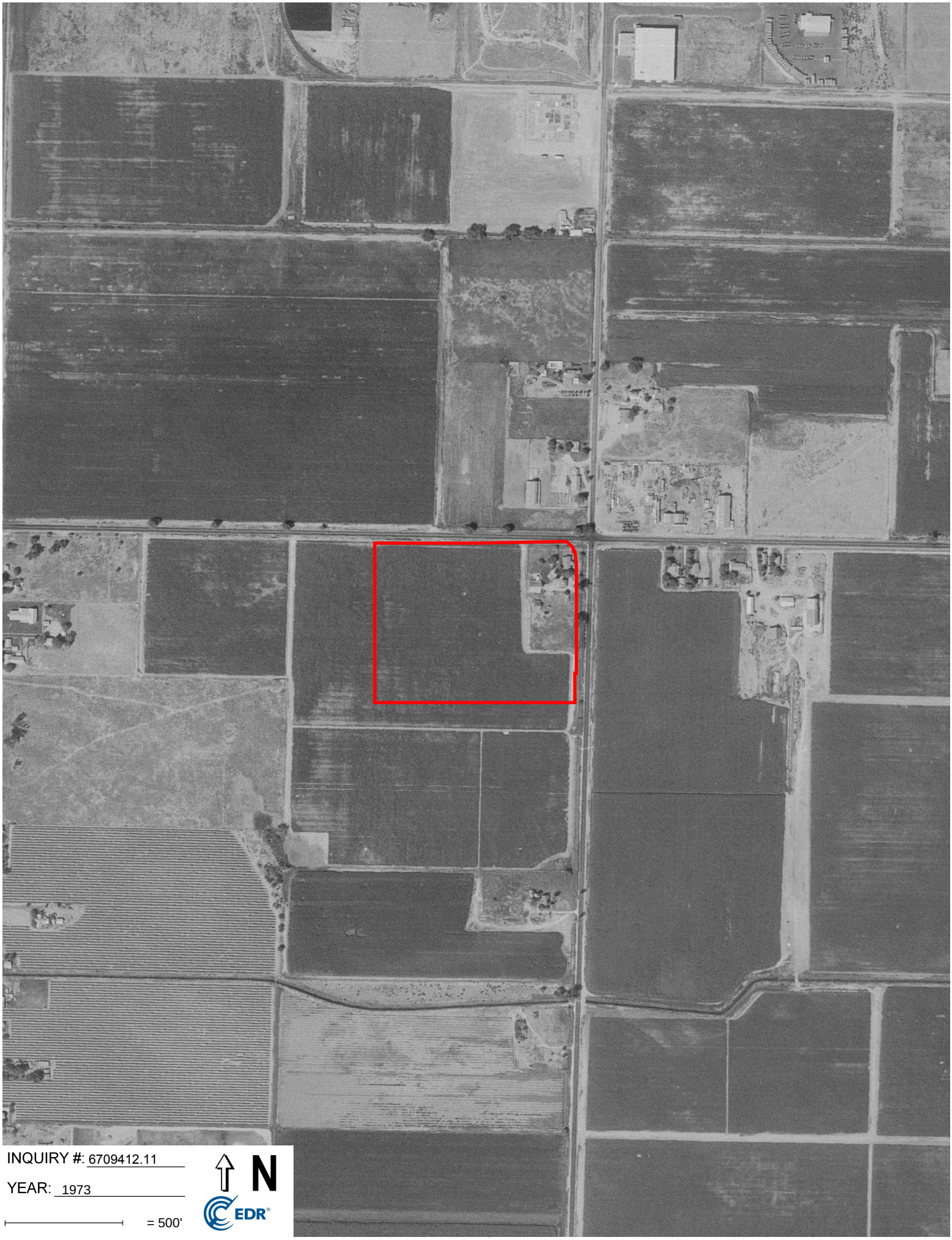
INQUIRY #: 6709412.11

YEAR: 1979

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 1973

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 1967

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 1962

= 500'

N

EDR



INQUIRY #: 6709412.11

YEAR: 1957

= 500'

N

EDR


INQUIRY #: 6709412.11
YEAR: 1950
= 500'
N
EDR


INQUIRY #: 6709412.11
YEAR: 1946
= 500'
N
EDR


INQUIRY #: 6709412.11
YEAR: 1937
= 500'
N
EDR

APPENDIX G

HISTORICAL RESEARCH DOCUMENTATION

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.6
October 19, 2021

The EDR Property Tax Map Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

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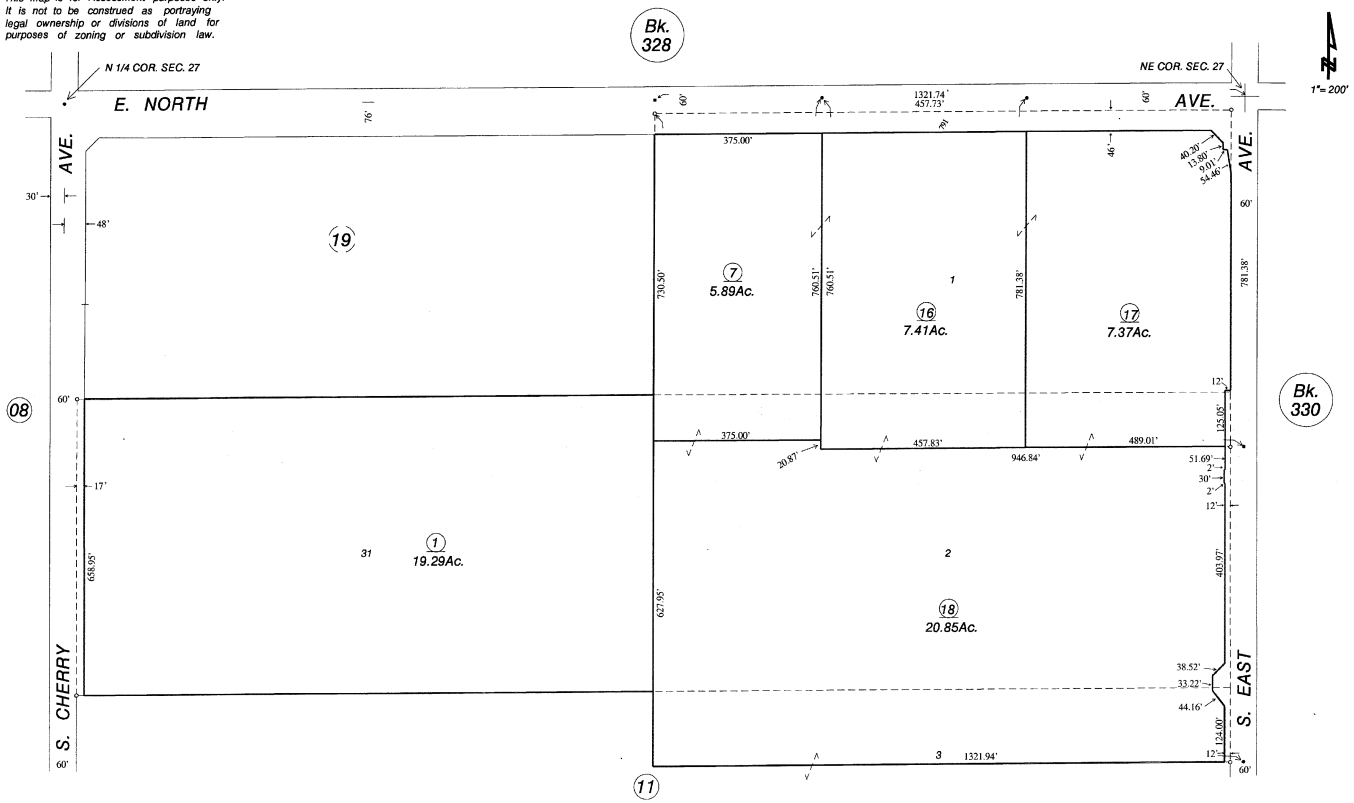
--- NOTE ---

This map is for Assessment purposes only. It is not to be construed as portraying legal ownership or divisions of land for purposes of zoning or subdivision law.

SUBDIVIDED LAND IN POR. SEC. 27, T. 14 S., R. 20 E., M.D.B. & M.

Tax Rate Area 5-067

329-09



Central California Colony - Plat Bk. 2, Pg. 1

Assessor's Map Bk. 329 - Pg. 09
County of Fresno, Calif.

NOTE - Assessor's Block Numbers Shown in Ellipses.
Assessor's Parcel Numbers Shown in Circles.

03-11-2015 SH

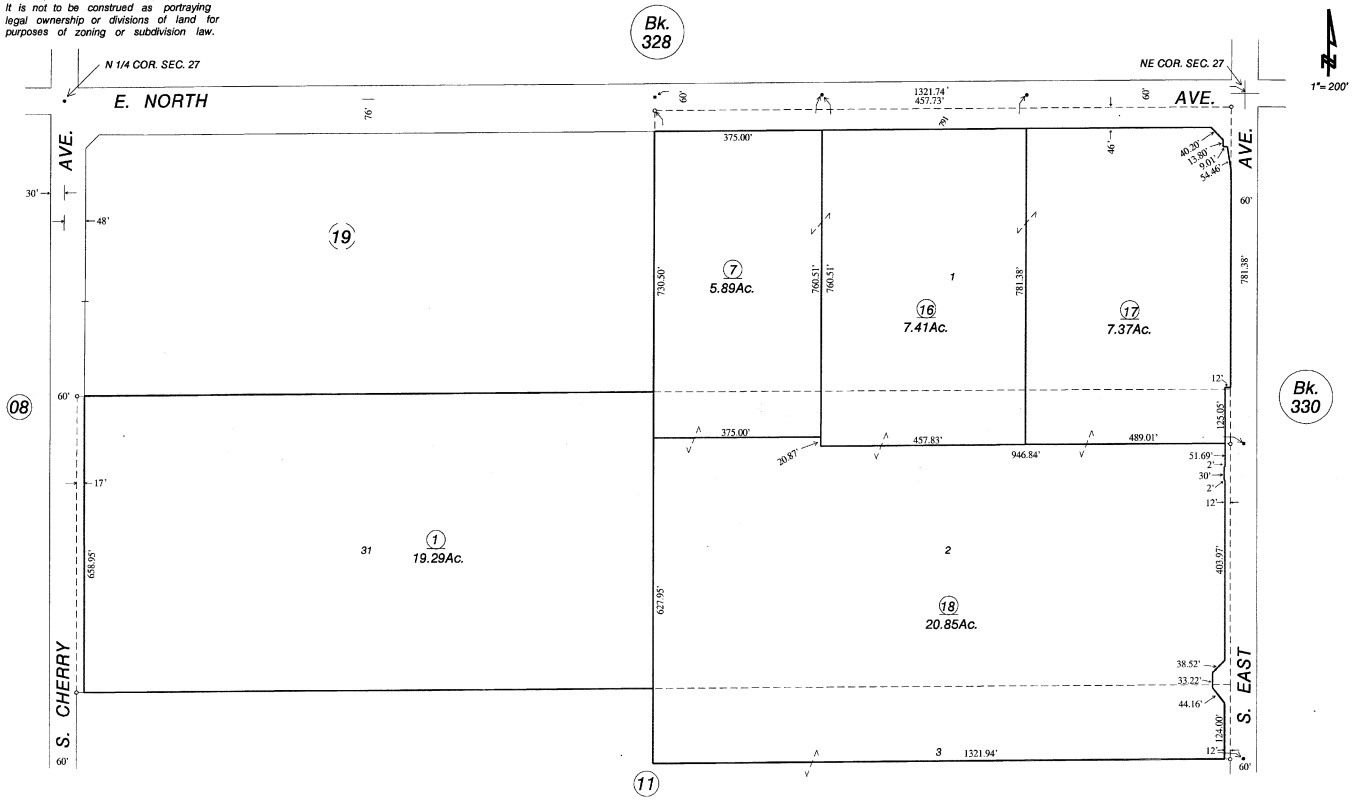
--- NOTE ---

This map is for Assessment purposes only. It is not to be construed as portraying legal ownership or divisions of land for purposes of zoning or subdivision law.

SUBDIVIDED LAND IN POR. SEC. 27, T. 14 S., R. 20 E., M.D.B. & M.

Tax Rate Area 5-067

329-09



Central California Colony - Plat Bk. 2, Pg. 1

Assessor's Map Bk. 329 - Pg. 09
County of Fresno, Calif.

NOTE - Assessor's Block Numbers Shown in Ellipses.
Assessor's Parcel Numbers Shown in Circles.

03-11-2015 SH

Fresno

SWC North Avenue & East Avenue

Fresno, CA 93725

Inquiry Number: 6709412.3

October 19, 2021

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

10/19/21

Site Name:

Fresno
SWC North Avenue & East Ave
Fresno, CA 93725
EDR Inquiry # 6709412.3

Client Name:

ATC Group Services LLC
1117 Lone Palm Ave-Suite B
Modesto, CA 95351
Contact: John Sellman

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

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

Certified Sanborn Results:

Certification # 1252-4CBF-9938

PO # NA

Project Reyes Holdings, LLC

UNMAPPED PROPERTY

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

Sanborn® Library search results

Certification #: 1252-4CBF-9938

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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Fresno

SWC North Avenue & East Avenue

Fresno, CA 93725

Inquiry Number: 6709412.4

October 19, 2021

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

10/19/21

Site Name:

Fresno
SWC North Avenue & East Ave
Fresno, CA 93725
EDR Inquiry # 6709412.4

Client Name:

ATC Group Services LLC
1117 Lone Palm Ave-Suite B
Modesto, CA 95351
Contact: John Sellman

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

Search Results:

P.O.# NA

Project: Reyes Holdings, LLC

Coordinates:

Latitude:	36.691158 36° 41' 28" North
Longitude:	-119.774397 -119° 46' 28" West
UTM Zone:	Zone 11 North
UTM X Meters:	252122.32
UTM Y Meters:	4064199.88
Elevation:	282.00' above sea level

Maps Provided:

2012
1981
1972
1963, 1964
1947
1946
1942
1923

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Topo Sheet Key

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

2012 Source Sheets

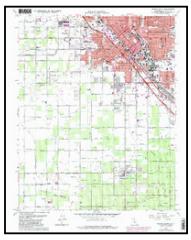


Fresno South
2012
7.5-minute, 24000



Malaga
2012
7.5-minute, 24000

1981 Source Sheets



Fresno South
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Malaga
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

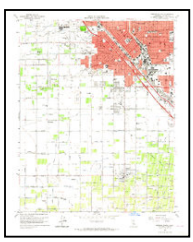


Fresno South
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Malaga
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1963, 1964 Source Sheets



Fresno South
1963
7.5-minute, 24000
Aerial Photo Revised 1962



Malaga
1964
7.5-minute, 24000
Aerial Photo Revised 1962

Topo Sheet Key

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

1947 Source Sheets

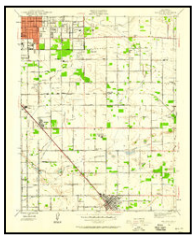


Malaga
1947
7.5-minute, 24000



Fresno South
1947
7.5-minute, 24000

1946 Source Sheets

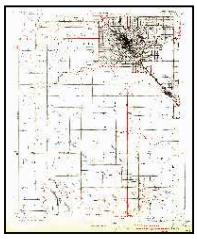


Malaga
1946
7.5-minute, 24000



Fresno South
1946
7.5-minute, 24000

1942 Source Sheets



FRESNO
1942
7.5-minute, 31680

1923 Source Sheets



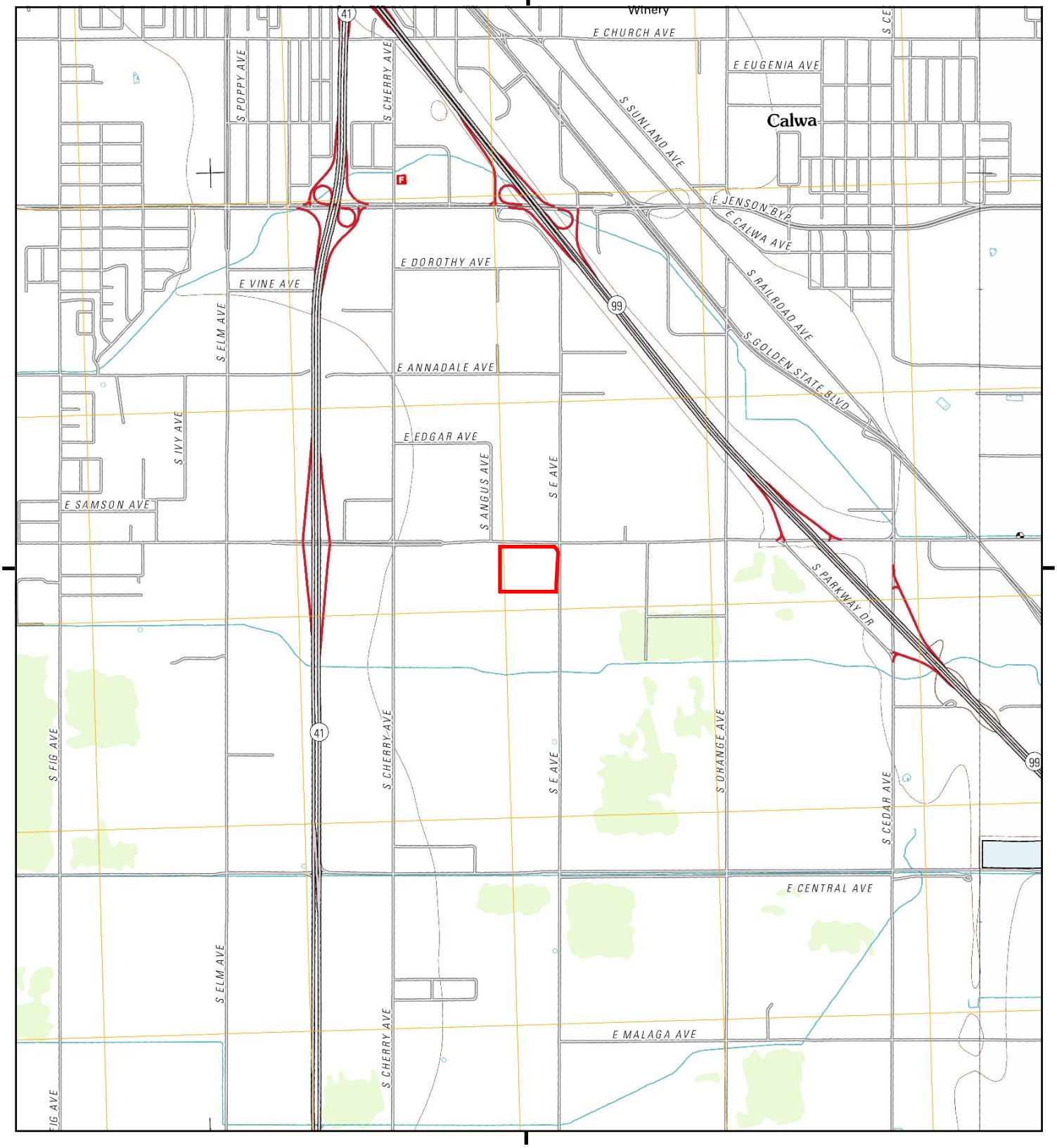
Fresno
1923
7.5-minute, 31680



Malaga
1923
7.5-minute, 31680

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

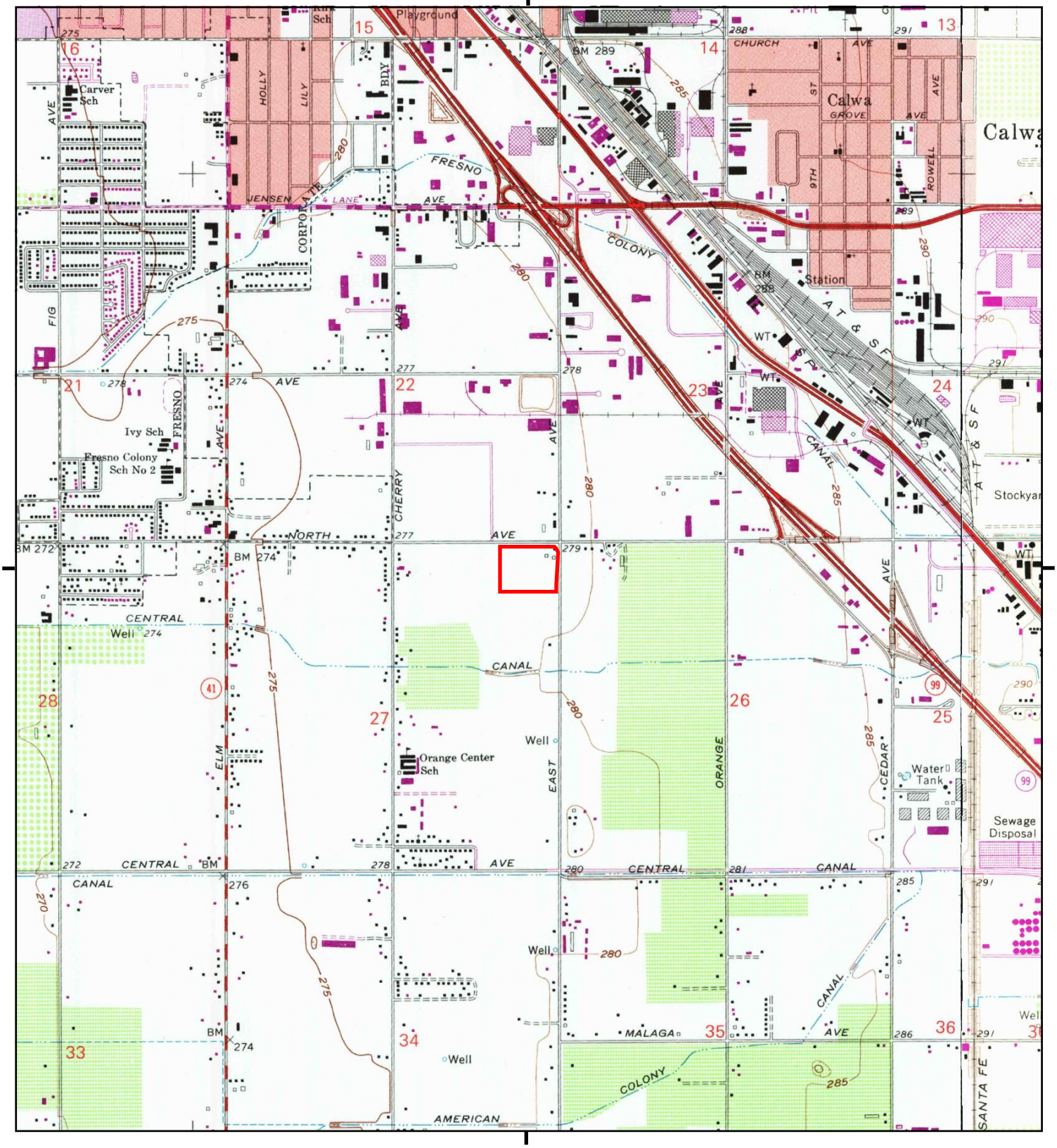
TP, Fresno South, 2012, 7.5-minute
E, Malaga, 2012, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

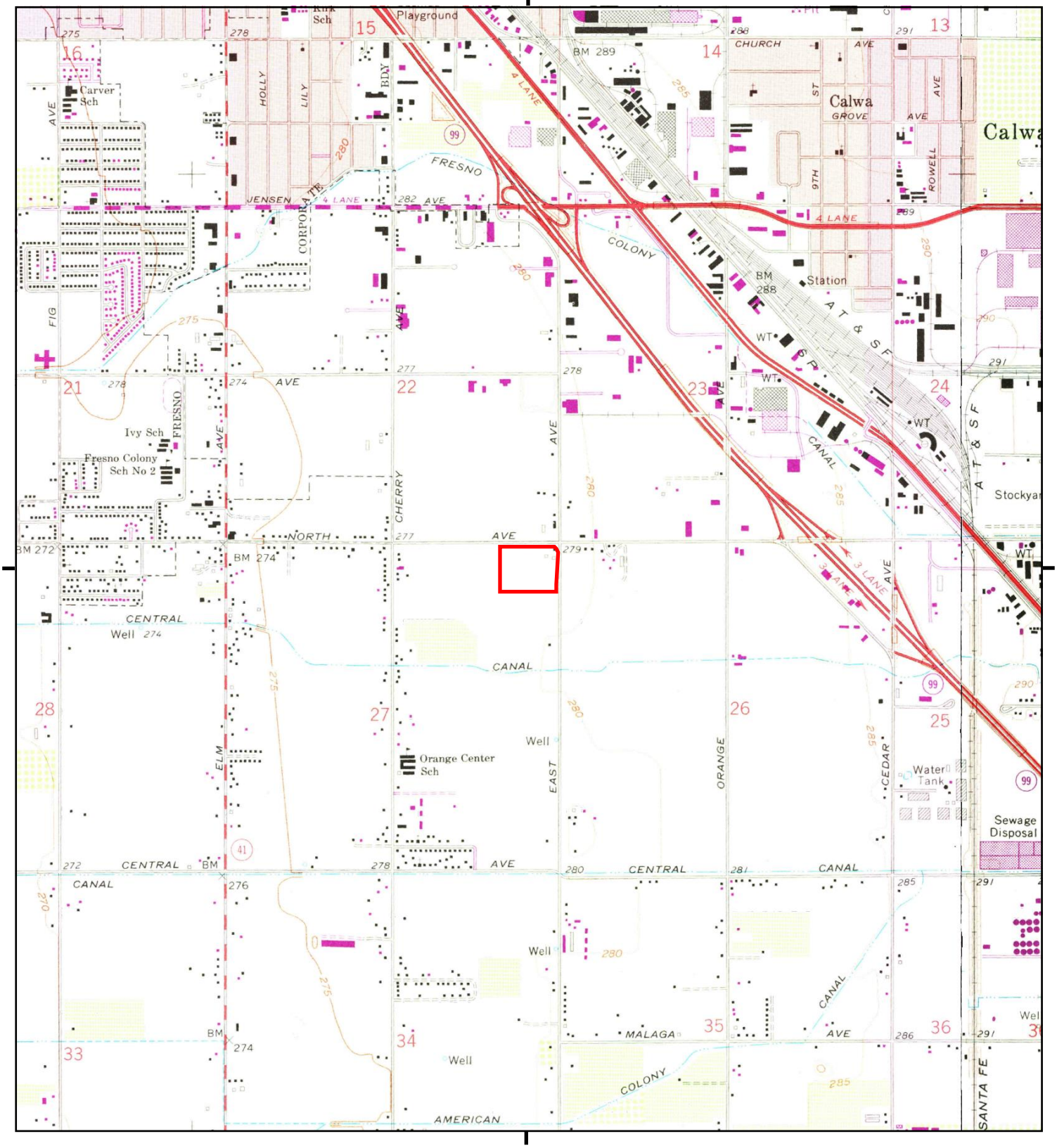
TP, Fresno South, 1981, 7.5-minute
E, Malaga, 1981, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

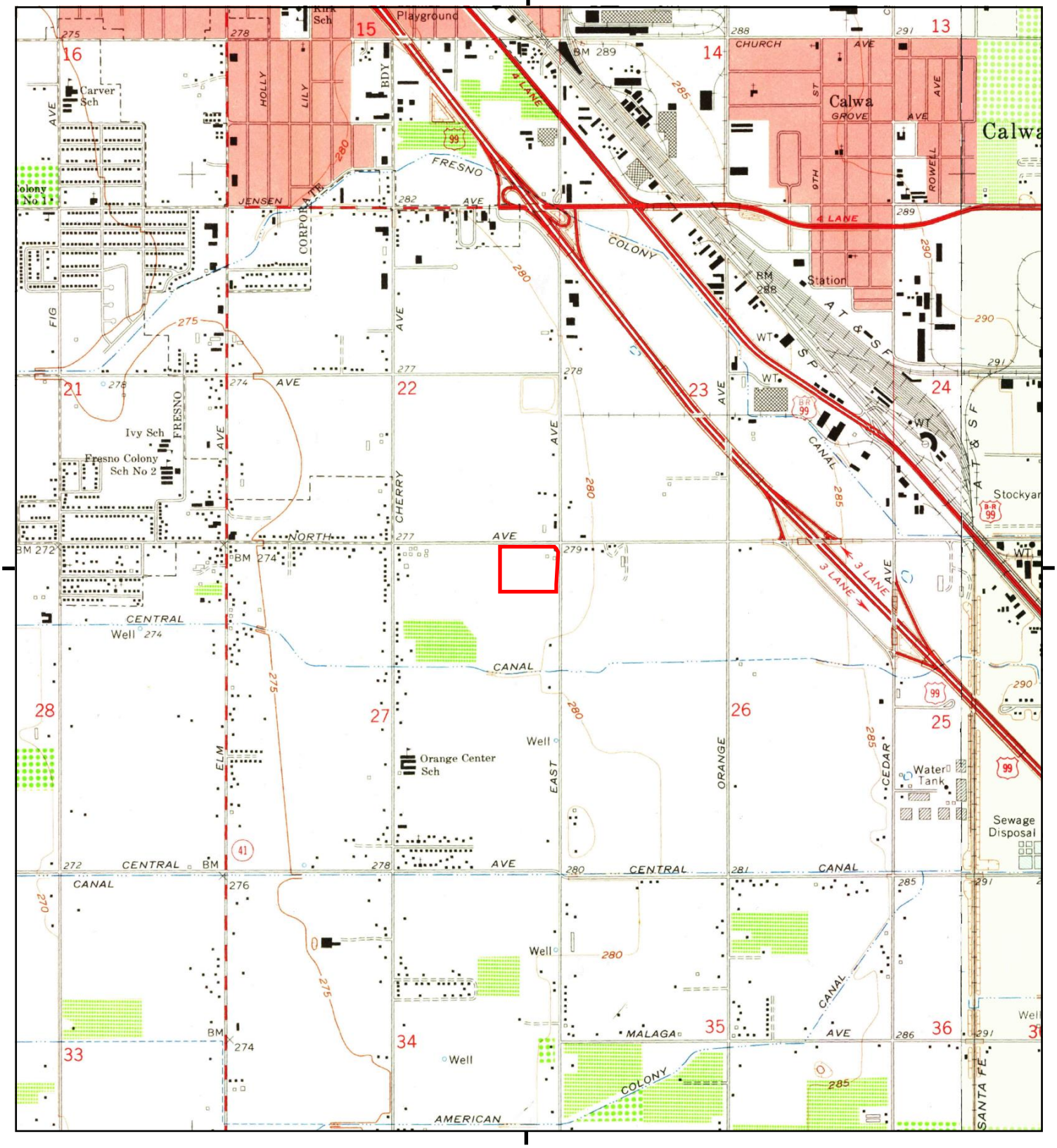
TP, Fresno South, 1972, 7.5-minute
E, Malaga, 1972, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1963, 1964



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

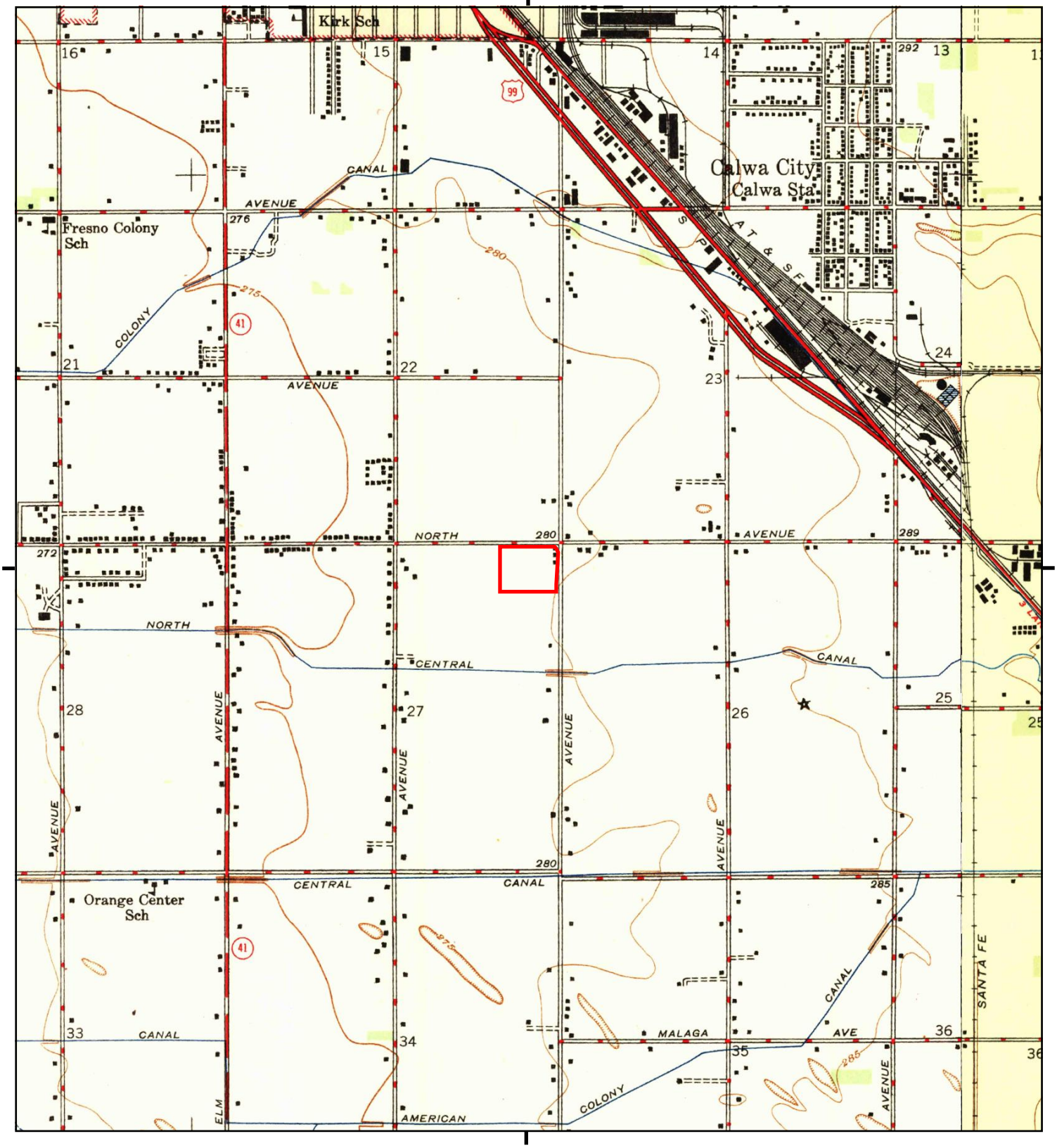
TP, Fresno South, 1963, 7.5-minute
E, Malaga, 1964, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

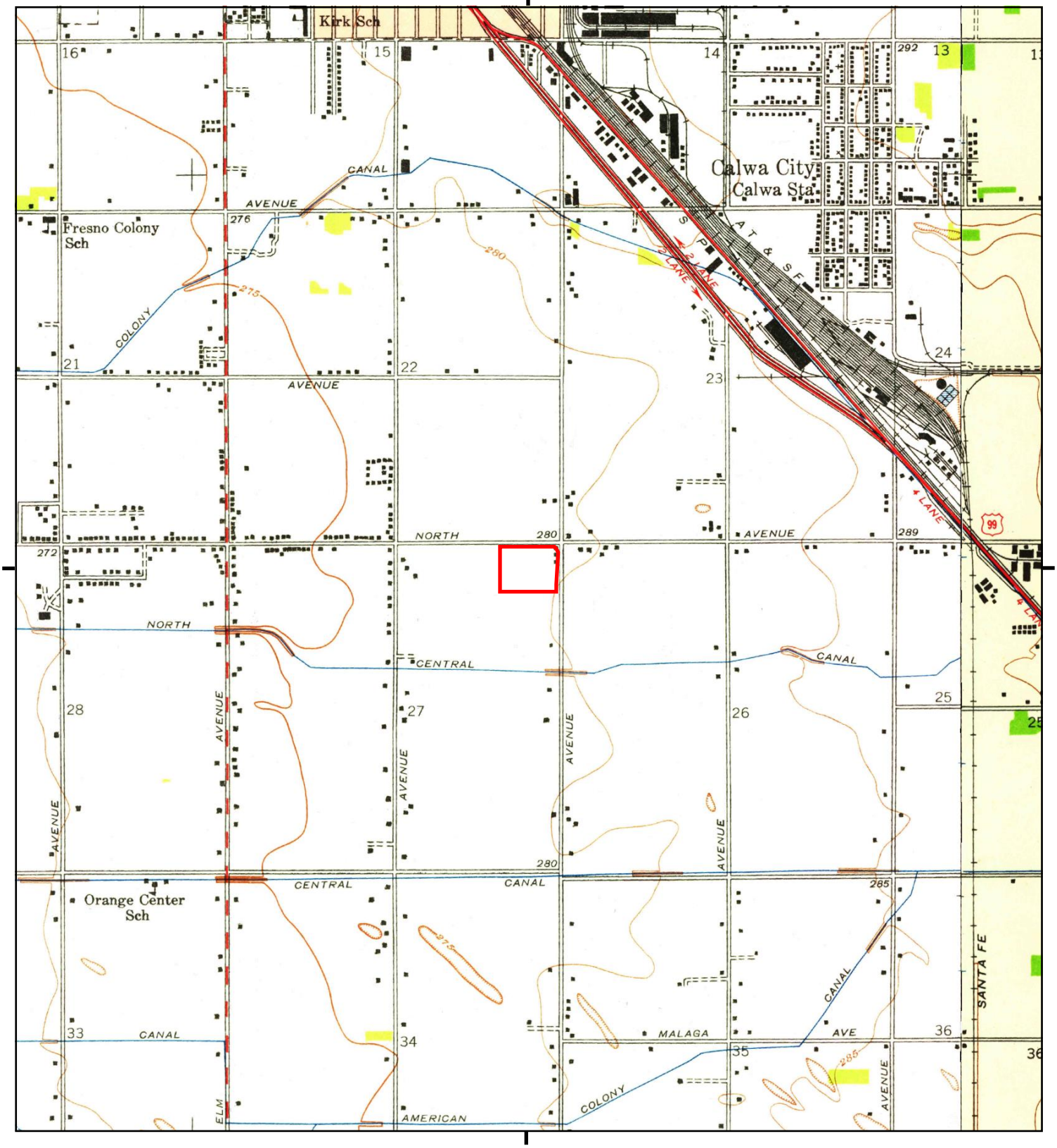
TP, Fresno South, 1947, 7.5-minute
E, Malaga, 1947, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1946



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

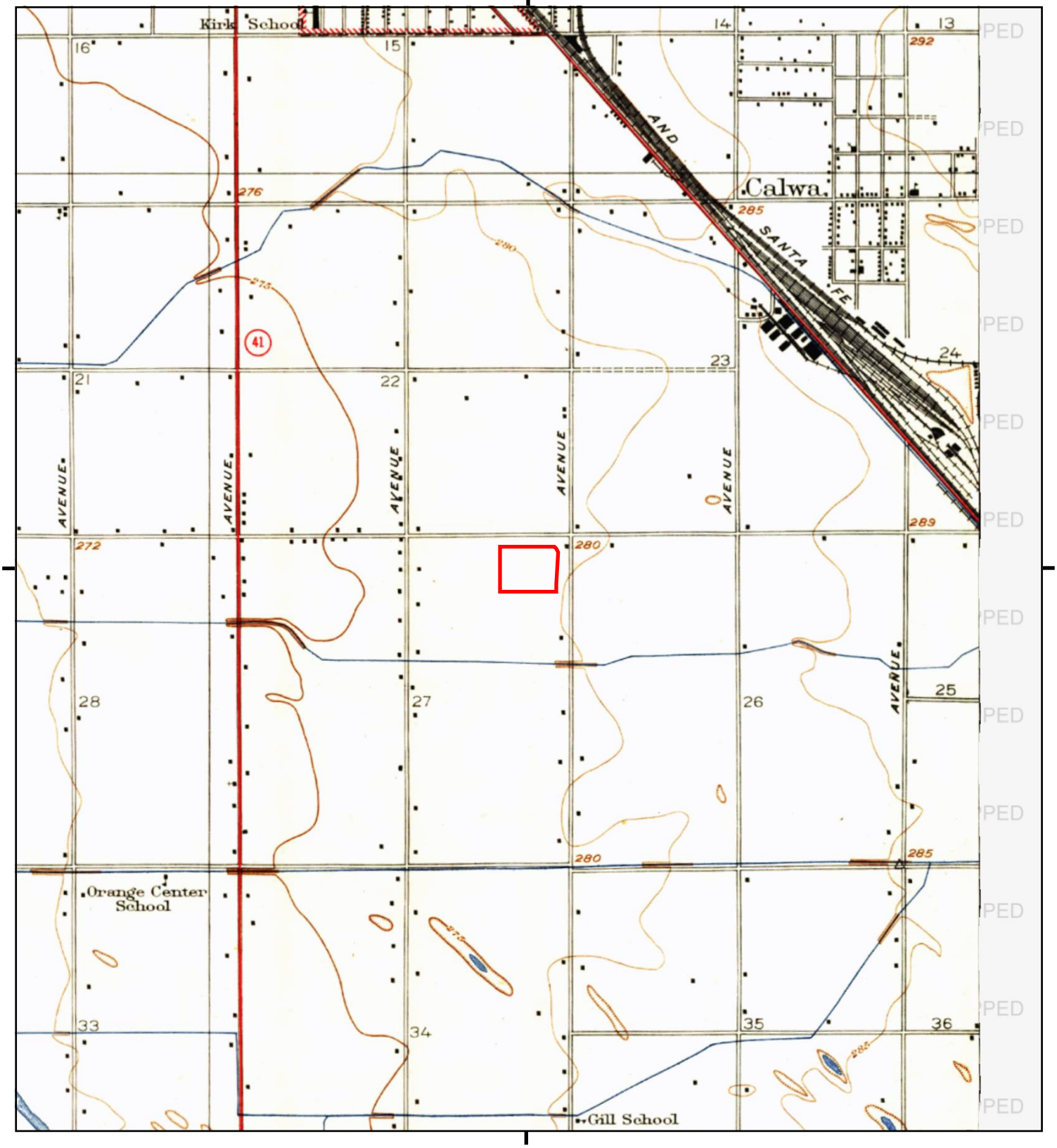
TP, Fresno South, 1946, 7.5-minute
E, Malaga, 1946, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

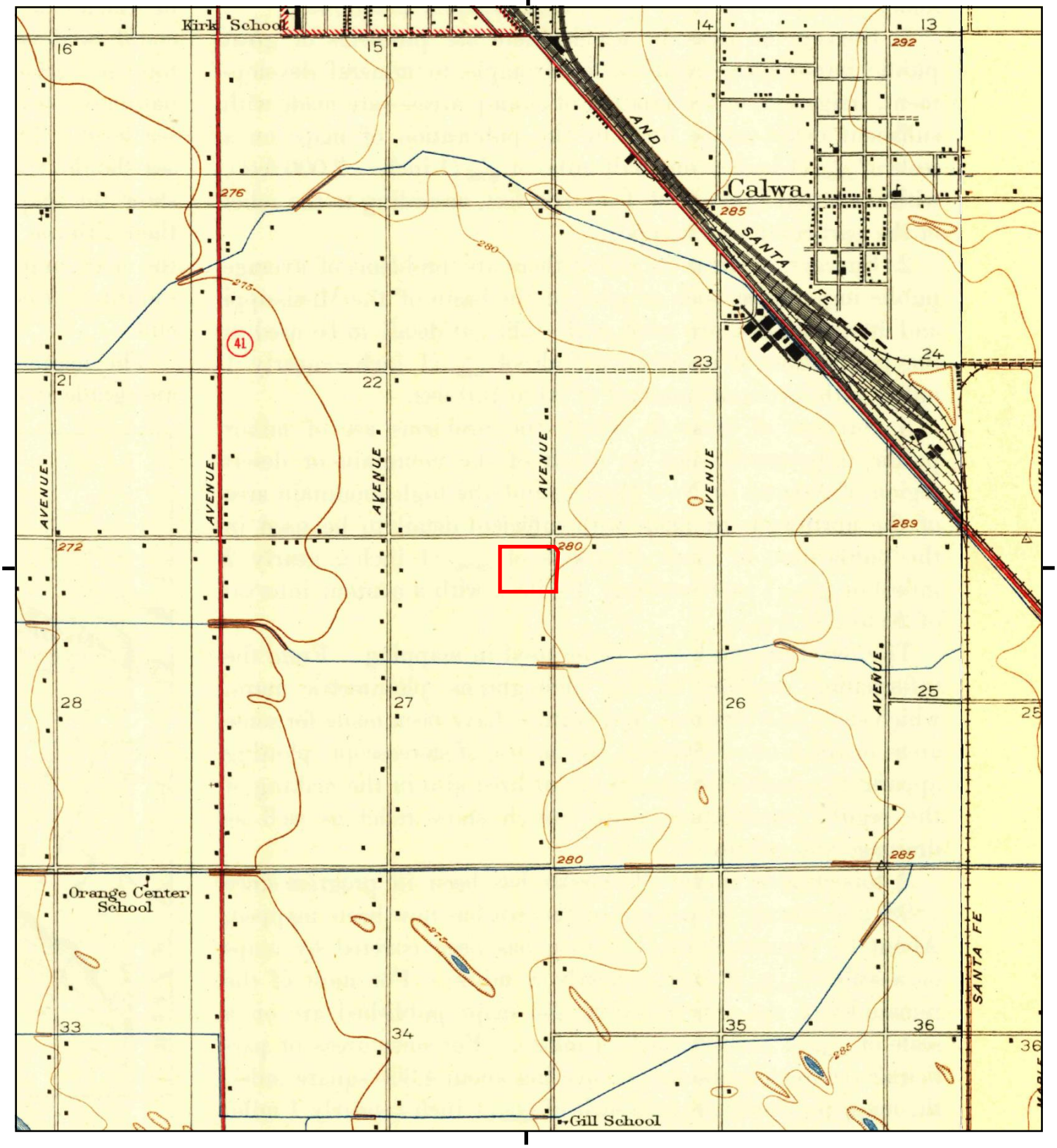
TP, FRESNO, 1942, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Historical Topo Map

1923



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Fresno, 1923, 7.5-minute
E, Malaga, 1923, 7.5-minute

SITE NAME: Fresno
ADDRESS: SWC North Avenue & East Avenue
Fresno, CA 93725
CLIENT: ATC Group Services LLC

N

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.8
October 19, 2021

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

About This Report

Executive Summary

Findings

Glossary

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with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of ATC Group Services LLC on Oct 19, 2021.

TARGET PROPERTY

SWC North Avenue & East Avenue
Fresno, CA 93725

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **NO PERMITS IDENTIFIED**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Fresno
Years: 1967-2021
Source: City of Fresno, Building and Safety Services, Fresno, CA
Phone: (559) 621-8082

Name: Fresno County Unincorporated Area
Years: 1967-2020
Source: Fresno County, Public Works and Planning, HURON, CA
Phone: (559) 600-4078

Name: Hanford
Years: 1995-2021
Source: City of Hanford, Building Division, HANFORD, CA
Phone: (559) 585-2581

Name: Livermore
Years: 1988-2021
Source: City of Livermore, Community Devlopment, Building Department, LIVERMORE, CA
Phone: (925) 960-4410

Name: Redding
Years: 1926-2021
Source: City of Redding, Development Services, Building Division, Redding, CA
Phone: 530-225-4014

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

SWC North Avenue & East Avenue
Fresno, CA 93725

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Permits Found

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.7
October 19, 2021

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
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with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

SWC North Avenue & East Avenue
Fresno
Fresno, CA 93725

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Fresno Recorder
Fresno, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Span Development
Title received from:	Timothy Mitchell Firoz King Husein
Deed Dated	5/28/2014
Deed Recorded:	6/4/2014
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Span Development
Parcel # / Property Identifier:	329-090-16, 329-090-17
Comments:	See Exhibit

Deed Exhibit 1

3

RECORDING REQUESTED BY:
Stewart Title of California, Inc

AND WHEN RECORDED MAIL TO:

Span Development, LLC
1841 Howard Road
Madera, Ca. 93637

FRESNO County Recorder
Paul Dictos, C.P.A.
DOC- 2014-0062399
Check Number 1475
Wednesday, JUN 04, 2014 16:19:10
Ttl Pd $25.00 Rcpt # 0004117942
APR/R7/1-3

23044982-JV

THIS SPACE FOR RECORDER'S USE ONLY:

Title Order No.: 01180-102367 Escrow No.: CM-15014477-SW

GRANT DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S)
DOCUMENTARY TRANSFER TAX is None RT 11925 Grantor and Grantee are comprised of the same parties and their proportional interest remains the same immediately following transfer.
[ ] computed on full value of property conveyed, or
[ ] computed on full value less value of liens or encumbrances remaining at time of sale.
[X] Unincorporated area [ ] City of **AND**

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Timothy Mitchell, a Married Man, as his sole and separate property and Firoz King Husein, a Married Man, as his sole and separate property

hereby GRANT(s) to:

SPAN Development, LLC, a Wyoming limited liability company

the real property in the County of Fresno, State of California, described as:
LEGAL DESCRIPTION ATTACHED HERETO AS EXHIBIT "A" AND MADE A PART HEREOF
Also Known as: APN: 329-090-16 and 329-090-17, Fresno, CA
APN: 329-090-16 and 329-090-17

DATED May 28, 2014

Timothy Mitchell

Firoz King Husein

MAIL TAX STATEMENTS TO PARTY SHOWN BELOW; IF NO PARTY SHOWN, MAIL AS DIRECTED ABOVE:

STATE OF CALIFORNIA

COUNTY OF Madera

On May 28, 2014

before me, JULIA PENA, a Notary Public personally appeared

TIMOTHY MITCHELL AND FIROZ KING HUSEIN

who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in ~~his/her/~~their authorized capacity(ies), and that by ~~his/her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

JULIA PENA
Commission # 2048739
Notary Public - California
Madera County
My Comm. Expires Dec 8, 2017

Signature _____

Exp: Dec. 8, 2017

(This area for official notarial seal)

LEGAL DESCRIPTION

The land referred to herein is situated in the State of California, County of Fresno, City of Fresno and described as follows:

Parcel 1

Parcel "A" of Lot Line Adjustment No. 2012-13, as Document No. 2012-0176373 of Official Records of Fresno County, and more particularly described as follows:

That portion of Lots 1 and 2 of Central California Colony, according to the Map thereof filed in Volume 2 of Plats at Page 1, Fresno County Records, lying within the Northeast quarter of Section 27, Township 14 South, Range 20 East, Mount Diablo Base and Meridian.

Excepting therefrom the Westerly 375.00 feet and the Easterly 459.00 feet thereof.

Also excepting therefrom that portion of Lot 2 lying South of a line parallel with and 705.00 feet (as measured along the East line of Lots 2 and 3 of said Central California Colony) North of the South line of the North 5.00 acres of said Lot 3.

For the purpose of this description the Northerly line of Lot 1 is taken to be 30.00 feet South of and parallel with the North line of said Section 27 and the Easterly line of Lots 1 & 2 is taken to be 30.00 feet West of and parallel with the East line of said Section 27.

Apn: 329-090-16

Parcel 2

Parcel "B" of Lot Line Adjustment No. 2012-13, as Document No. 2012-0176373, of Official Records of Fresno County, and more particularly described as follows:

The Easterly 459.00 feet of that portion of Lots 1 and 2 of Central California Colony, according to the Map thereof filed in Volume 2 of Plats at Page 1, Fresno County Records, lying within the Northeast quarter of Section 27, Township 14 South, Range 20 East, Mount Diablo Base and Meridian.

Excepting therefrom that portion of Lot 2 lying South of a line parallel with and 705.00 feet (measured along the East line of Lots 2 and 3 of said Central California Colony) North of the South line of the North 5.00 acres of said Lot 3.

For the purpose of this description the Northerly line of Lot 1 is taken to be 30.00 feet South of and parallel with the North line of said Section 27 and the Easterly line of Lots 1 & 2 is taken to be 30.00 feet West of and parallel with the East line of said Section 27.

Apn: 329-090-17

(End of Legal Description)

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.5
October 19, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2004	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2002	R.L. Polk & Co Publishers	-	X	X	-
1999	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1996	R.L. Polk & Co Publishers	-	X	X	-
1994	Cole Information Services	-	X	X	-
1990	R.L. Polk & Co Publishers	-	X	X	-
1986	R.L. Polk & Co Publishers	-	X	X	-
1980	R.L. Polk & Co Publishers	-	X	X	-
1975	R.L. Polk & Co Publishers	-	X	X	-
1970	R.L. Polk & Co Publisher	-	X	X	-
1965	R.L. Polk & Co Publisher	-	X	X	-
1962	Pacific Telephone	-	X	X	-
1958	R.L. Polk & Co Publishers	-	-	-	-
1952	R.L. Polk & Co Publishers	-	-	-	-
1947	R.L. Polk & Co Publishers	-	-	-	-
1942	R.L. Polk & Co Publishers	-	X	X	-
1937	R.L. Polk & Co Publishers	-	X	X	-
1932	R.L. Polk & Co Publishers	-	X	X	-
1927	R.L. Polk & Co Publishers	-	X	X	-
1922	Polk: Husted Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
735 E. North Avenue	Client Entered	
3151 S. East Avenue	Client Entered	
791 E. North Avenue	Client Entered	X
1055 E. North Avenue	Client Entered	X
2974 S. East Avenue	Client Entered	X
2965 S. Angus Avenue	Client Entered	X
2953 S. East Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

SWC North Avenue & East Avenue
Fresno, CA 93725

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E NORTH AVE

791 E NORTH AVE

Year	Uses	Source
1996	Oneal N W	R.L. Polk & Co Publishers
1994	ONEAL, N W	Cole Information Services
	ONEAL, N W	Cole Information Services

930 E NORTH AVE

Year	Uses	Source
2014	JECOLIAH CHURCH	Cole Information Services

1055 E NORTH AVE

Year	Uses	Source
2017	KRAFT FOODS	Cole Information Services
2014	KRAFT FOODS	Cole Information Services
2009	KRAFT GENERAL FOODS	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

E. North Avenue

791 E. North Avenue

Year	Uses	Source
1996	Oneal N W	R.L. Polk & Co Publishers

1055 E. North Avenue

Year	Uses	Source
2002	KRAFT GENERAL FOODS food products	R.L. Polk & Co Publishers
1990	No Return	R.L. Polk & Co Publishers
1986	Shirey Carmen	R.L. Polk & Co Publishers
1980	Cederquist Eric	R.L. Polk & Co Publishers
1965	COELHO MELVIN L	R.L. Polk & Co Publisher

FINDINGS

EAST

3004 EAST

Year	Uses	Source
1942	Mosesian Moses G Martha F h	R.L. Polk & Co Publishers
	Mosesia n Genevieve r	R.L. Polk & Co Publishers
1937	Mosesian Moses Martha gas sta atdt	R.L. Polk & Co Publishers
1932	Jensen Avesen Peter L Oma cond Santa Fe h	R.L. Polk & Co Publishers

3005 EAST

Year	Uses	Source
1942	Bordw ell Karl F Bertha mech h	R.L. Polk & Co Publishers

3009 EAST

Year	Uses	Source
1942	Reyes Juan C Gilda lab h	R.L. Polk & Co Publishers

3018 EAST

Year	Uses	Source
1942	OTocle Florence w id Edmond h	R.L. Polk & Co Publishers

3019 EAST

Year	Uses	Source
1942	Griffin Paul S Juanita lab h	R.L. Polk & Co Publishers

3024 EAST

Year	Uses	Source
1942	Norell John carp r	R.L. Polk & Co Publishers

3029 EAST

Year	Uses	Source
1942	Groves Carl E Helen ranch w kr h	R.L. Polk & Co Publishers

3033 EAST

Year	Uses	Source
1942	Olson Julius M Marian S cbtmkr h	R.L. Polk & Co Publishers
1937	Olson Julius Marian	R.L. Polk & Co Publishers

FINDINGS

Year	Uses	Source
1932	Frame Arch W r	R.L. Polk & Co Publishers
	Frame Inga w id G S h	R.L. Polk & Co Publishers
	Frame Jos F firemn r	R.L. Polk & Co Publishers
	Frame Louis T chauf r	R.L. Polk & Co Publishers

3037 EAST

Year	Uses	Source
1942	Nevis Ernest Lovelle firemn S FRy h	R.L. Polk & Co Publishers

3040 EAST

Year	Uses	Source
1937	Byrd Chester C Magdalene	R.L. Polk & Co Publishers
1932	Fender Raymond V Athena R brkmn Santa Fe h	R.L. Polk & Co Publishers

3041 EAST

Year	Uses	Source
1942	Jordan Robt Violet brkmn h	R.L. Polk & Co Publishers

3042 EAST

Year	Uses	Source
1942	Sutherland Norma r	R.L. Polk & Co Publishers
	Carothers Seigal A Carol brkmn h	R.L. Polk & Co Publishers

3045 EAST

Year	Uses	Source
1942	Jones Alma clk r	R.L. Polk & Co Publishers
	Jones Chas E Harriett chf clk h	R.L. Polk & Co Publishers

3053 EAST

Year	Uses	Source
1937	Jones Chas E chf clk Santa Fe	R.L. Polk & Co Publishers

3054 EAST

Year	Uses	Source
1932	Burton Vernon G Eunice N bkpr h	R.L. Polk & Co Publishers

FINDINGS

3056 EAST

Year	Uses	Source
1942	Follett Chas L Mattie clk h	R.L. Polk & Co Publishers
1937	Bowen John R Effie E brkmn Santa Fe	R.L. Polk & Co Publishers
1932	Bowen John R Efrie brkmn Santa Fe h	R.L. Polk & Co Publishers

3057 EAST

Year	Uses	Source
1942	Hawkins Rcbt G Roberta J brkmn h	R.L. Polk & Co Publishers
1937	Jones Chas E Hazel E firemn Santa Fe	R.L. Polk & Co Publishers
1932	Knechtel Allen S r	R.L. Polk & Co Publishers
	Knechtel Jensen Avenie Mrs h	R.L. Polk & Co Publishers

3065 EAST

Year	Uses	Source
1942	Bon Carroll B USA r	R.L. Polk & Co Publishers
	Converse Arth J Ollie M cond h	R.L. Polk & Co Publishers
1937	Converse Arth J con Santa Fe	R.L. Polk & Co Publishers
1932	Converse Arth J Cora A cond Santa Fe h	R.L. Polk & Co Publishers

3112 EAST

Year	Uses	Source
1932	Holmes John A cond Santa Fe r	R.L. Polk & Co Publishers

3133 EAST

Year	Uses	Source
1942	Ragland Forrest R Josephine l eng SF Ry h	R.L. Polk & Co Publishers
1937	Regland Forrest R Josephine eng Santa Fe	R.L. Polk & Co Publishers
1932	Ragland Forrest R Josephine l eng h	R.L. Polk & Co Publishers

3137 EAST

Year	Uses	Source
1942	Searway Victor H Myrtle formn h	R.L. Polk & Co Publishers
1937	Mc Carthy Florence L eng	R.L. Polk & Co Publishers
	Adams Chas E	R.L. Polk & Co Publishers
1932	OBrien Thos G Karen ydmn h	R.L. Polk & Co Publishers

FINDINGS

3141 EAST

Year	Uses	Source
1942	Bell Law rence E Lena cattle buyer h	R.L. Polk & Co Publishers
1937	Vincent Dani S Pauline cond Santa Fe	R.L. Polk & Co Publishers
1932	Vincent Dani S Pauline cond Santa Fe h	R.L. Polk & Co Publishers

EAST AVE

3081 EAST AVE

Year	Uses	Source
1927	League J F	R.L. Polk & Co Publishers

S ANGUS AVE

2965 S ANGUS AVE

Year	Uses	Source
2009	NEW STAR PACKAGING & WAREHOUSING	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ALL STAR WAREHOUSE & DISTRIBUTION INCORPORATED	Cole Information Services

S EAST AVE

2953 S EAST AVE

Year	Uses	Source
2017	ADVANCED CAREER INSTITUTE	Cole Information Services
2009	ADVANCED TRUCK DRIVING SCHOOL	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

S. Angus Avenue

2965 S. Angus Avenue

Year	Uses	Source
2002	ALL STAR WAREHOUSE INC	R.L. Polk & Co Publishers
	business records & documents	R.L. Polk & Co Publishers
1996	ALL STAR	R.L. Polk & Co Publishers
	WAREHOUSE INC	R.L. Polk & Co Publishers

FINDINGS

S. East Avenue

2953 S. East Avenue

Year	Uses	Source
1990	Vacant	R.L. Polk & Co Publishers
1986	Mendes Trucking	R.L. Polk & Co Publishers
1980	East Avenue Grocery	R.L. Polk & Co Publishers
	Davis James C	R.L. Polk & Co Publishers
1975	East Avenue Grocery	R.L. Polk & Co Publishers
	Davis James C	R.L. Polk & Co Publishers
1970	East Avenue Grocery	R.L. Polk & Co Publisher
	Davis James C	R.L. Polk & Co Publisher
1965	EAST AVENUE GROCERY	R.L. Polk & Co Publisher
	DAVIS JAMES C	R.L. Polk & Co Publisher
1962	East Avenue Gro	Pacific Telephone
	Davis Jas C	Pacific Telephone

2974 S. East Avenue

Year	Uses	Source
1975	Lola Joe	R.L. Polk & Co Publishers
1970	Sanchez Andres	R.L. Polk & Co Publisher
1965	SANCHEZ ANDRES	R.L. Polk & Co Publisher

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1055 E NORTH AVE	2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
1055 E. North Avenue	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1975, 1970, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2953 S EAST AVE	2014, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2953 S. East Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2965 S ANGUS AVE	2017, 2014, 2002, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2965 S. Angus Avenue	2017, 2014, 2009, 2004, 1999, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
2974 S. East Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
3004 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3005 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3009 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3018 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3019 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3024 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3029 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3033 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3037 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3040 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1927, 1922
3041 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3042 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
3045 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1937, 1932, 1927, 1922
3053 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1932, 1927, 1922
3054 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1927, 1922
3056 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3057 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3065 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3081 EAST AVE	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1922
3112 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1927, 1922
3133 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3137 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3141 EAST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1927, 1922
3151 S. East Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
735 E. North Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
791 E NORTH AVE	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
791 E NORTH AVE	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
791 E NORTH AVE	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
791 E. North Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922
930 E NORTH AVE	2017, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
SWC North Avenue & East Avenue	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1980, 1975, 1970, 1965, 1962, 1958, 1952, 1947, 1942, 1937, 1932, 1927, 1922

APPENDIX H

PRIOR ASSESSMENTS

No documents have been associated with this appendix.

APPENDIX I

RESUMES

JOHN SELLMAN

SENIOR STAFF GEOLOGIST

OFFICE LOCATION
Modesto, CA

EDUCATION
BS, Geology, California State University, Stanislaus, CA, 1994

SPECIALIZED TRAINING
OSHA 40-Hour Hazardous Waste Operations Training (CFR 1910.120/GISO 5192)

OSHA 8-Hour 29CFR1910.120/GISO 5192 Hazardous Waste Site Supervisor Training

16-Hour Microbial Investigations, Assessments, and Remediation in the Indoor Environment Training Course

HIRE DATE
02/2001

EXPERIENCE & RESPONSIBILITIES

John Sellman is responsible for the all phases of investigation and remediation of leaking underground storage tank (LUST) sites. He has performed environmental site assessments and written site assessment reports with recommendations; written quarterly status reports for LUST sites with remediation systems; and, has conducted assessments of various remediation options. Mr. Sellman has experience planning and directing drilling and sampling for both environmental and geotechnical projects. He has planned and conducted remediation system pilot testing; prepared for and directed the installation of remediation systems at LUST sites; and, prepared site conceptual models conducted human health risk assessments. Mr. Sellman is Atlas's Modesto Branch Safety Officer (BSO). His BSO responsibilities include conducting monthly branch safety meetings, preparing and maintaining the branch emergency action plan, and interacting regularly with the company's Regional Safety Coordinator concerning implementation of the company's health and safety policies.

PROJECT EXPERIENCE

Stanford University Football Stadium, Stanford

Project Manager for this high-paced $100 million stadium renovation project which was completed in a total construction time of 42 weeks. Demolition commenced on this project immediately after the last Stanford football game in December of 2006. Several operations went around the clock over the course of the 42 weeks. Atlas performed off-site inspection activities of all the structural steel bleachers at a plant in central Texas for several months and also performed off-site steel inspections at Herrick Steel plant in Stockton for the press box and bleachers. Over 40 thousand yards of reinforced concrete and shotcrete were placed over the 42-week period.

Environmental Due Diligence– Panattoni Development Company

Performed and managed numerous Phase I and Phase II Environmental Site Assessments In northern and central California of commercial and agricultural properties. Recommendations for Phase IIs were made based on the findings from the investigations.

Environmental Due Diligence– Yolo County, California Housing Authority

Atlas/ATC partnered with 2RW Consultants to complete a three-phase RAD due diligence project. Atlas/ATC conducted the Environmental Site Assessment portion of the project. Conducted Environmental Site Assessments at several Yolo County, California Housing Authority multi-family residential properties in West Sacramento, Woodland, and Winters, California.

Environmental Site Assessments – Embarcadero Group

Performed numerous Phase I and Phase II Environmental Site Assessments In northern and central California for various rural and agricultural properties

Environmental Site Assessments – FCB Homes

Performed numerous Phase I and Phase II Environmental Site Assessments In northern and central California for commercial and agricultural properties.

Environmental Site Assessments – FedEx Ground

Performed numerous Phase I Environmental Site Assessments In northern and central California for industrial and agricultural properties in several central California locations.

Telecommunications, Environmental Site Assessments, Site Assessor - Various Locations, California

Project Role: Performed more than 20 modified Phase I ESAs, NEPA checklists and historical reports required for construction of cell phone towers. Services were provided in support of client's telecommunication service expansion and antenna placement.

Transaction Screening Reports – California and Nevada

Performs Transaction Screenings including Prior Use Reports of commercial, residential, and industrial properties for financial institutions in accordance with ASTM E 1527-13.

Various Clients, Site Investigations, Remediation, and Closures – California

Prepared work plans, Site Conceptual Models, Closure Reports, conducted monitoring well installations and supervised Cone Penetration Testing (CPT), dual phase pilot tests, in urban or rural locations in various terrain types across northern and central California, with multiple groundwater bearing zones impacted with petroleum hydrocarbons. Prepared site assessment reports detailing findings and making recommendations.

JEANNE HOMSEY, PE

SENIOR REVIEWER

OFFICE LOCATION
Modesto, CA

EDUCATION
BS, Civil Engineering, Marquette University, Wisconsin, 1985

REGISTRATION
Professional Engineer, CA, #47410, 1991

SPECIALIZED TRAINING
OSHA 40-Hour Hazardous Waste Operations

OSHA 8-Hour Hazardous Waste Site Supervisor

Health and Safety Training, CPR, First Aid and Respiratory Fit Testing

HIRE DATE
8/1992

EXPERIENCE & RESPONSIBILITIES

Jeanne Homsey is a Professional Civil Engineer with experience in civil and environmental engineering since 1986. Jeanne has managed numerous soil and groundwater investigation and remediation projects for clients in the private and public sectors. These projects have included Phase I and Phase II environmental site assessments; performing pilot studies; preparing and implementing remedial action plans (RAPs); operating and monitoring remediation systems; fate and transport modeling; evaluating human health and environmental risks; and, obtaining site closure certification.

As a Branch Manager and Professional Engineer, Jeanne has been responsible for the technical application of geologic and hydrogeologic data and the design of remediation systems. Her responsibilities include: client liaison for projects in Atlas's Northern California offices; supervision of engineers, geologists, and technicians in the implementation of environmental site assessments, subsurface investigations, and remedial actions; performing and evaluating pilot tests; remediation alternative selection and system design; risk evaluation; data interpretation; technical report review; and, liaison with various local and regional regulatory agencies..

PROJECT EXPERIENCE

Phase I ESAs – Northern California

Senior Reviewer: Served as Environmental Professional and Senior Reviewer on Phase I Environmental Projects throughout Northern California since 1996. Projects include real estate transactions for restaurant portfolios, big box store portfolios, commercial properties, public transportation properties, residential developments, public land acquisition, and telecommunications sites.

Phase I ESAs – High Speed Rail Authority

Senior Reviewer: Served as Environmental Professional and Senior Reviewer on over 200 Phase I Environmental Site Assessments throughout the central valley of California in support of pending transportation corridor land acquisition for the California High Speed Rail project.

Phase I ESAs – Yolo County Housing Authority

Project Manager: Served as Environmental Professional and Senior Reviewer on Phase I Environmental Site Assessments for a portfolio of properties. There were twelve housing developments located in rural and metropolitan areas and consisted of over 400 units located throughout Yolo County.

UST Sites, Investigation and Remediation Oversight – Northern California

Project Manager: Project manager for over 35 petroleum sites for public and private sector clients that include groundwater and soil investigations, risk assessments with soil vapor intrusion surveys, system operations and maintenance programs, feasibility testing and Corrective Action Plan development, Work Plan development, permitting, UST removal, remediation via air sparging, soil vapor extraction, dual-phase high vacuum extraction, ozone sparge and groundwater.

Confidential Client, Investigation and Remediation Oversight – Northern California

Project Manager: Project manager for a private sector client that impacted the subsurface with hexavalent chromium. The project included groundwater and soil investigations to delineate the extent of the problem. Following characterization, a bench scale test was performed to show that the hexavalent chromium could be treated through the injection of calcium polysulfide. A Corrective Action Plan was developed. A pilot study was conducted and concentrations of hexavalent chromium were successfully remediated to nondetectable levels in the test wells. A Final Remediation Plan will be developed.

UST Sites, Soil Vapor Intrusion – Northern California

Senior Engineer: Senior engineer for soil vapor intrusion studies to estimate the risk to human health and the environment using site specific data. Studies included the installation and sampling of temporary and permanent sampling points and subslab analysis.

Various Petroleum Clients, California UST Clean-up Fund and Third Party Funding –California
Senior Engineer: Preparation and review of reimbursement requests on behalf of clients for submittal to the California UST Clean-up Fund and to Enviro Cap Inc. for third party funding. Currently overseeing request submittals for approximately 40 clients with a reimbursement rate exceeding 95%.

USPS, Stormwater Program –Northern California
Senior Engineer: Assisted in the management of the General Stormwater Program of Northern CA USPS facilities. Scope included coordination with facilities staff, tracking and supervising sample collection and laboratory analysis, tracking and reviewing annual reports.

Confidential Client, Site Investigation –San Bruno, California
Project Manager: Served as a Project Manager responsible for the coordination of semi-annual groundwater monitoring and sampling activities, remediation pilot testing activities, and subsurface investigation activities for three separate retail fuel stations that were managed as a commingled plume site.

Refinery, Self-Monitoring Program – Martinez, California
Senior Engineer: Project included performing annual inspections of oily waste impoundment at a northern California refinery. Recommendations were provided to maintain compliance with California Regional Water Quality Control Board (RWQCB) Waste Discharge Requirements (WDR).

Various Clients, Spill Prevention Control and Countermeasure Plans – Northern California
Senior Engineer: Professional Engineer for numerous SPCC Plans prepared for a variety of sites in Northern California including telecommunications, commercial and industrial properties.

Confidential Client, Landfill Compliance Monitoring & Reporting – Northern California
Project Manager: Served as Project Manager for five landfills in Northern CA. Responsibilities include oversight of compliance monitoring and sampling of groundwater wells, gas wells, residential wells and treatment system, and compliance reporting.

Various Clients, Groundwater Monitoring and Reporting – Northern California
Project Manager: Project Manager for over 100 underground storage tank sites in the State of California. Responsibilities include oversight of compliance monitoring and sampling, operation of soil and groundwater treatment systems, reporting and regulatory liaison.

APPENDIX J

SCOPE OF WORK

PHASE I ESA SCOPE OF SERVICES

The proposed Phase I ESA will be conducted in general accordance with the ASTM Standard Practice E1527-13, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. The purpose of the ESA will be to identify *recognized environmental conditions* in connection with the property at the time of the site reconnaissance. The scope of ESA will include an evaluation of the following:

- Physical setting characteristics of the property through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports.
- Usage of the property, adjoining properties and surrounding area through a review of reasonably ascertainable historical sources such as land title records, fire insurance maps, city directories, aerial photographs, prior reports and interviews.
- Observations and interviews regarding current property usage and conditions including: the use, treatment, storage, disposal or generation of hazardous substances, petroleum products, hazardous wastes, non-hazardous solid wastes and wastewater.
- Observations and interviews regarding usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties on the property.
- Information in ASTM-specified environmental agency databases and local environmental records, within the ASTM-specified approximate minimum search distance from the property.
- Preparation of a written report that includes findings, opinions, conclusions and supporting documentation.

Client has directed the following significant additions, deletions or deviations to ASTM Standard Practice E1527-13 for the proposed ESA. Client acceptance of this proposal confirms its awareness that such changes may result in a *data gap* being identified in the report and may impact their ability to use the report to help qualify for *Landowner Liability Protections (LLPs)* under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Unless otherwise indicated below, Client will provide Atlas with the results of Client's review of reasonably ascertainable land title and judicial records for *Environmental Liens* or *Activity and Use Limitations* (AULs) per E1527-13, Section 6.2.

Client Directed Additions, Deletions or Deviations to ASTM Standard Practice E1527-13 ***(only checked items apply)***	
☒	Atlas will review reasonably ascertainable records for Environmental Liens or AULs
☐	Atlas will not review of land title or judicial records for Environmental Liens or AULs
☐	Include Client or other scope of work guidance document entitled:
☐	Other:

APPENDIX K

LABORATORY REPORTS

No documents have been associated with this appendix.

APPENDIX L

OTHER SUPPORTING DOCUMENTATION

Fresno
SWC North Avenue & East Avenue
Fresno, CA 93725

Inquiry Number: 6709412.2s
October 26, 2021

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

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

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Executive Summary	**ES1**
Primary Map	**2**
Secondary Map	**3**
Map Findings	**4**
Record Sources and Currency	**GR-1**

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

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	1
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	2
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	1	6
Local Lists of Registered Storage Tanks	0.25	0	0	2
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	0	1	8

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

FRESNO
SWC NORTH AVENUE & EAST AVENUE
FRESNO, CA 93725

COORDINATES

Latitude (North):	36.691158 - 36° 41′ 28.16986″
Longitude (West):	119.774397 - 119° 46′ 27.835693″
Elevation:	282 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
PEPSI-COLA BOTTLING CO HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST Cortese: CORTESE	1150 NORTH AVE E	1/10 - 1/3 ENE	▲ D6	31
BOTTLING GROUP, LLC RCRA-SQG: RCRA-SQG CIWQS: CIWQS CERS: CERS NPDES: NPDES LUST: LUST	1150 E NORTH AVE	1/10 - 1/3 ENE	▲ D7	33

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
FEDEX GROUND - ZFRE CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	3151 S EAST AVE	<1/10 SSE	▲ 1	9
KRAFT FOODS FRESNO BUFFER CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE CUPA Listings: CUPA	1055 E NORTH AVE	1/10 - 1/3 ENE	▲ B2	12
S&S TRANSPORT REFRIGERATION, INC. CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	1078 E. NORTH AVE.	1/10 - 1/3 ENE	▲ B3	19
ELECTRONIC RECYCLERS OF AMERICA CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE CUPA Listings: CUPA	3243 S EAST AVE #104	1/10 - 1/3 SSE	▲ C4	24
ELECTRONIC RECYCLERS OF AMERICA CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE CUPA Listings: CUPA	3243 S EAST AVE #108	1/10 - 1/3 SSE	▲ C5	27
PEPSI-COLA BOTTLING CO HIST CORTESE: HIST CORTESE CERS: CERS LUST: LUST Cortese: CORTESE	1150 NORTH AVE E	1/10 - 1/3 ENE	▲ D6	31
BOTTLING GROUP, LLC	1150 E NORTH AVE	1/10 - 1/3 ENE	▲ D7	33

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
RCRA-SQG: RCRA-SQG CIWQS: CIWQS CERS: CERS NPDES: NPDES LUST: LUST				
FRESNO BRANCH HIST UST: HIST UST	1150 E NORTH AVE	1/10 - 1/3 ENE	▲ D8	48
PEPSI BEVERAGES COMPANY CERS TANKS: CERS TANKS CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE CUPA Listings: CUPA	1150 E NORTH AVE	1/10 - 1/3 ENE	▲ D9	50
INTERLINE BRANDS, INC. LOCATION #4883 CERS: CERS CERS HAZ WASTE: CERS HAZ WASTE	1155 E NORTH AVE STE 104	1/10 - 1/3 ENE	▲ D10	56

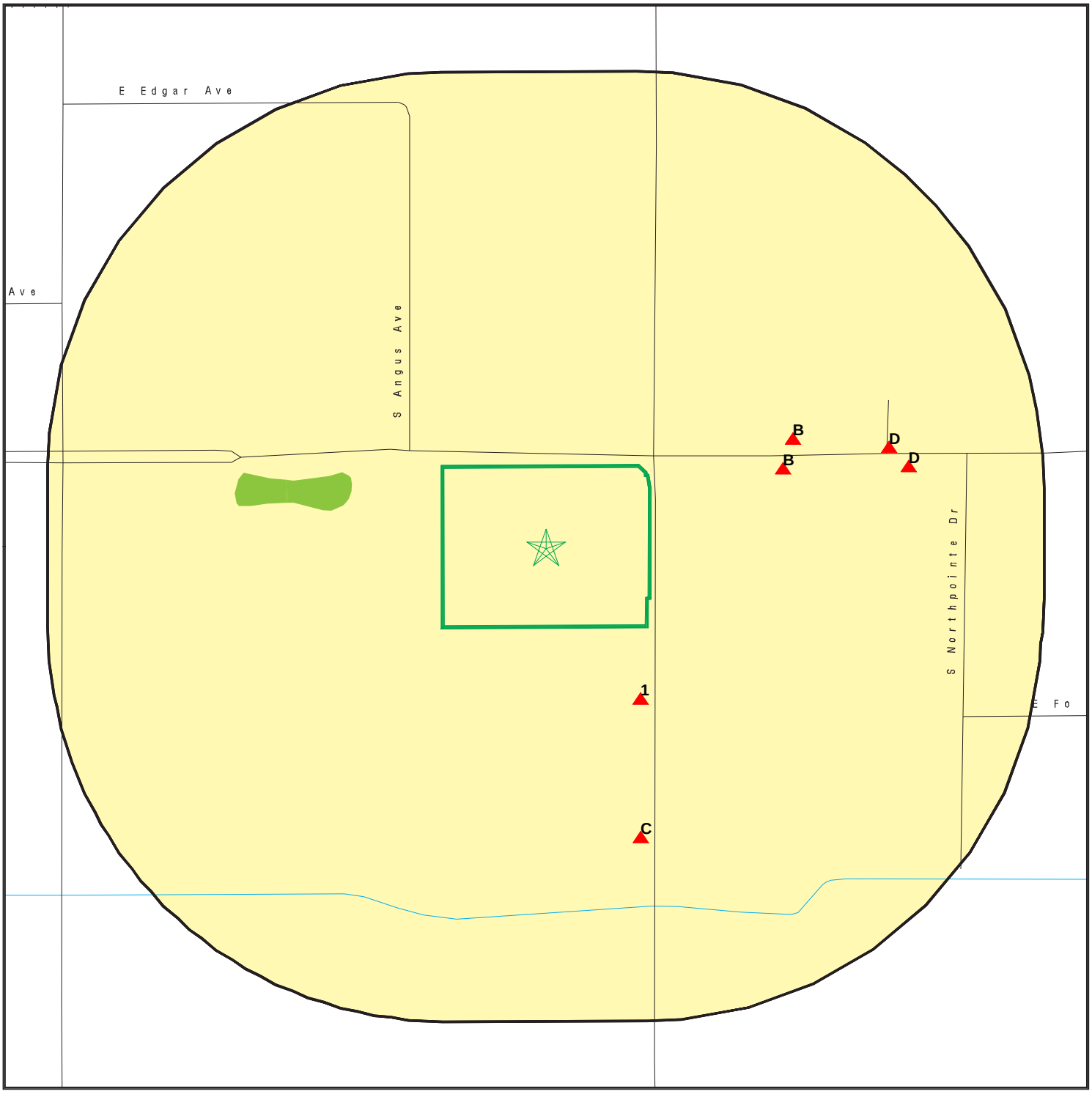
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 6709412.2S



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

0 300 1/3 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

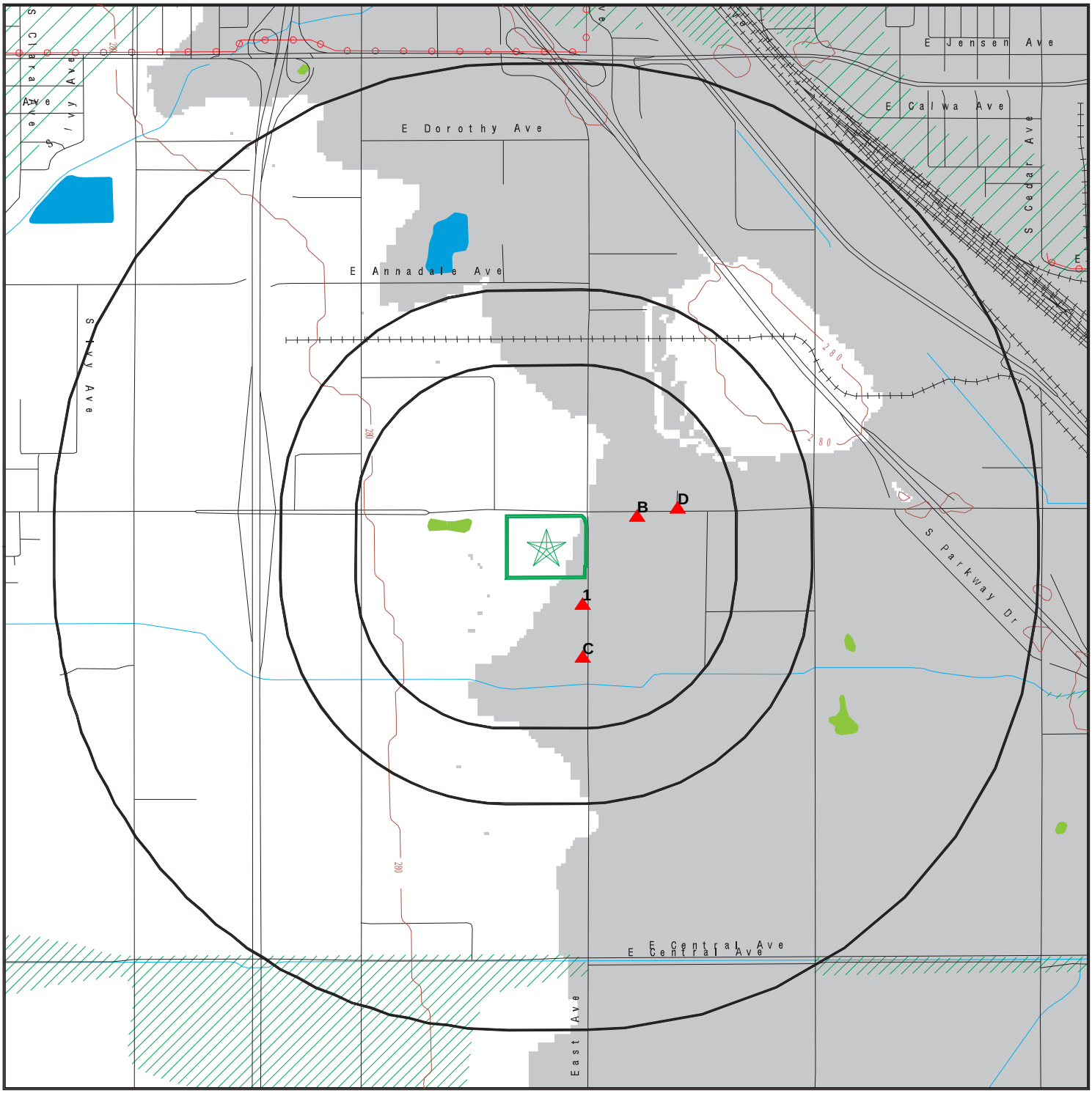
Areas of Concern

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

SITE NAME:	Fresno	CLIENT:	ATC Group Services LLC
ADDRESS:	SWC North Avenue & East Avenue Fresno CA 93725	CONTACT:	John Sellman
		INQUIRY #:	6709412.2s
LAT/LONG:	36.691158 / 119.774397	DATE:	October 19, 2021 8:55 am

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SECONDARY MAP - 6709412.2S



- 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
- Upgradient Area
- 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: Fresno	CLIENT: ATC Group Services LLC
ADDRESS: SWC North Avenue & East Avenue Fresno CA 93725	CONTACT: John Sellman
LAT/LONG: 36.691158 / 119.774397	INQUIRY #: 6709412.2s DATE: October 19, 2021 8:53 am

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

FEDEX GROUND - ZFRE 3151 S EAST AVE, FRESNO, CA, 93725		S121739883
▲ 1	SSE <1/10 (331 ft. / 0.063 mi.) 1 ft. Higher Elevation 283 ft. Above Sea Level	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	FEDEX GROUND - ZFRE
Address:	3151 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	116230
CERS ID:	10611757
CERS Description:	Hazardous Waste Generator

CERS: Other Ascertainable Records

Name:	FEDEX GROUND - ZFRE
Address:	3151 S EAST AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	116230
CERS ID:	10611757
CERS Description:	Chemical Storage Facilities

Violations:

FEDEX GROUND - ZFRE, 3151 S EAST AVE, FRESNO, CA 93725 (Continued)

Site ID:	116230
Site Name:	FedEx Ground - ZFRE
Violation Date:	10-03-2014
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 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:	Returned to compliance on 10/13/2014. 2 small approx 10 gallon containers of haz waste labels lacked accum start date - immediately corrected on site Another container was labeled Non Hazardous Waste and has a damaged product inside, Hydrozone 100 which may be hazardous. Pointed this out to staff and Manager later made determination to handle as hazardous waste and a manifest was later provided.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-03-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	observed minor label accum date issues corrected on site, also observed a pail labeled as non hazardous waste of a damaged item that may be haz waste - Hydrozone 100
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-12-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Hazwaste inspection.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	116230
Facility Name:	FedEx Ground - ZFRE
Env Int Type Code:	HWG
Program ID:	10611757
Coord Name:	Not Reported
Ref Point Type Desc:	Unknown
Latitude:	36.689050
Longitude:	-119.774200

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Hazel Roberts, Blymyer Engineers
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported

FEDEX GROUND - ZFRE, 3151 S EAST AVE, FRESNO, CA 93725 (Continued)

Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Legal Owner
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not Reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	United States
Affiliation Zip:	15108
Affiliation Phone:	(412) 262-6291
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	Not Reported
Affiliation Zip:	15108
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Debra Gehm
Entity Title:	Senior Environmental Compliance Specialist
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported

FEDEX GROUND - ZFRE, 3151 S EAST AVE, FRESNO, CA 93725 (Continued)

Affiliation Zip:	Not Reported
Affiliation Phone:	(412) 262-6291
Affiliation Type Desc:	Parent Corporation
Entity Name:	FedEx Ground Package System, Inc.
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Debra Gehm
Entity Title:	Not Reported
Affiliation Address:	1000 FedEx Drive, Attn: Environmental Services Dept.
Affiliation City:	Moon Township
Affiliation State:	PA
Affiliation Country:	Not Reported
Affiliation Zip:	15108
Affiliation Phone:	Not Reported

KRAFT FOODS FRESNO BUFFER 1055 E NORTH AVE, FRESNO, CA, 93725		S105980808
▲ B2	ENE 1/10 - 1/3 (599 ft. / 0.113 mi.) 1 ft. Higher Elevation 283 ft. Above Sea Level	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	KRAFT FOODS FRESNO BUFFER
Address:	1055 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	396011
CERS ID:	10397578
CERS Description:	Hazardous Waste Generator

CUPA FRESNO: Other Ascertainable Records

Name:	KRAFT FOODS FRESNO BUFFER
Address:	1055 E NORTH AVE

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0276577
APM Number:	33002145
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name:	KRAFT FOODS FRESNO BUFFER
Address:	1055 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0276577
APM Number:	33002145
Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)

CERS: Other Ascertainable Records

Name:	KRAFT FOODS FRESNO BUFFER
Address:	1055 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	396011
CERS ID:	10397578
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 08/17/2014.

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 07/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
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 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:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
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:	Returned to compliance on 07/31/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Violation Date:	06-18-2014
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 07/18/2014. operator submitted partial bp online: did not submit ERP and employee training program elements.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 07/18/2014. operator failed to submit erp online.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 08/17/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
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 07/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-29-2017
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 07/31/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Site ID:	396011
Site Name:	Kraft Foods Fresno Buffer
Violation Date:	06-18-2014
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 07/18/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	had to wait for Mark. He was at another location.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	told Mark will return to drop off paperwork/reports.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	396011
Facility Name:	Kraft Foods Fresno Buffer
Env Int Type Code:	HMBP
Program ID:	10397578
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	36.690910
Longitude:	-119.771150

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Rex Hatter
Entity Title:	Plant Manager
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Environmental Contact
Entity Name:	Vern Grewal
Entity Title:	Not Reported
Affiliation Address:	2494 S. Orange Ave
Affiliation City:	Fresno

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93725
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	1055 E. North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93725
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Legal Owner
Entity Name:	KraftHeinz Foods Company
Entity Title:	Not Reported
Affiliation Address:	1 Kraft Ct
Affiliation City:	Northfield
Affiliation State:	IL
Affiliation Country:	United States
Affiliation Zip:	Not Reported
Affiliation Phone:	(559) 441-8515
Affiliation Type Desc:	Document Preparer
Entity Name:	Victor Gastelum
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	Rex Hatter
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:	(510) 867-5078
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kraft Foods Fresno Buffer
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported

KRAFT FOODS FRESNO BUFFER, 1055 E NORTH AVE, FRESNO, CA 93725 (Continued)

Affiliation Zip: Not Reported
Affiliation Phone: Not Reported

S&S TRANSPORT REFRIGERATION, INC. 1078 E. NORTH AVE., FRESNO, CA, 93725		S121789501	
▲ B3	ENE 1/10 - 1/3	(666 ft. / 0.126 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	1 ft. Higher Elevation	283 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist
Conditions:

Not Applicable: YES
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name: S&S TRANSPORT REFRIGERATION, INC.
Address: 1078 E. NORTH AVE.
City,State,Zip: FRESNO, CA 93725
Site ID: 63658
CERS ID: 10594336
CERS Description: Hazardous Waste Generator

CERS: Other Ascertainable Records

Name: S&S TRANSPORT REFRIGERATION, INC.
Address: 1078 E. NORTH AVE.
City,State,Zip: FRESNO, CA 93725
Site ID: 63658
CERS ID: 10594336
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-28-2017
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 07/24/2017.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 63658
Site Name: S&S Transport Refrigeration, Inc.
Violation Date: 06-06-2014

S&S TRANSPORT REFRIGERATION, INC., 1078 E. NORTH AVE., FRESNO, CA 93725 (Continued)

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 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:	Returned to compliance on 08/05/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-06-2014
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 08/05/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 06/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

S&S TRANSPORT REFRIGERATION, INC., 1078 E. NORTH AVE., FRESNO, CA 93725 (Continued)

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 06/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description:	Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes:	Returned to compliance on 06/29/2017. Has failed to submit plan online.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-28-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/29/2017.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	63658
Site Name:	S&S Transport Refrigeration, Inc.
Violation Date:	06-06-2014
Citation:	HSC 6.95 25503.5(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25503.5(a)
Violation Description:	Owner/Operator failed to establish and implement a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 08/05/2014.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW

S&S TRANSPORT REFRIGERATION, INC., 1078 E. NORTH AVE., FRESNO, CA 93725 (Continued)

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	also portal assistance.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Legal Owner
Entity Name:	S&S Transport Refrigeration Inc
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93613
Affiliation Phone:	(559) 266-4663
Affiliation Type Desc:	Operator
Entity Name:	Shannon Fleck

S&S TRANSPORT REFRIGERATION, INC., 1078 E. NORTH AVE., FRESNO, CA 93725 (Continued)

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) 266-4663
Affiliation Type Desc:	Environmental Contact
Entity Name:	Shannon Fleck
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93613
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	S&S Transport Refrigeration, Inc.
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93613
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Julie Romero
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Shannon Fleck
Entity Title:	President
Affiliation Address:	Not Reported

S&S TRANSPORT REFRIGERATION, INC., 1078 E. NORTH AVE., FRESNO, CA 93725 (Continued)

Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Property Owner
Entity Name:	Shannon D. Fleck
Entity Title:	Not Reported
Affiliation Address:	P.O. Box 1433
Affiliation City:	Clovis
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93613
Affiliation Phone:	(559) 266-4663

ELECTRONIC RECYCLERS OF AMERICA 3243 S EAST AVE #104, FRESNO, CA, 93725		S121141846
▲ C4	SSE 1/10 - 1/3 (948 ft. / 0.18 mi.) 1 ft. Higher Elevation 283 ft. Above Sea Level	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #104
City,State,Zip:	FRESNO, CA 93725
Site ID:	518712
CERS ID:	10695985
CERS Description:	Hazardous Waste Generator

CUPA FRESNO: Other Ascertainable Records

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #104
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0281736
APM Number:	32911011S
Program Element:	MV FUEL/OIL/PROPANE ONLY IN AGST/UST MODEL PL

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #104, FRESNO, CA 93725 (Continued)

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #104
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0281736
APM Number:	32911011S
Program Element:	HAZARDOUS WASTE GENERATOR (LQG)

CERS: Other Ascertainable Records

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #104
City,State,Zip:	FRESNO, CA 93725
Site ID:	518712
CERS ID:	10695985
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Aaron Blum
Entity Title:	Not Reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93711
Affiliation Phone:	Not Reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #104, FRESNO, CA 93725 (Continued)

Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93711
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Aaron Blum
Entity Title:	Chief Operations and Compliance Officer
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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) 442-3968
Affiliation Type Desc:	Document Preparer
Entity Name:	Kathy Doyle
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:	Legal Owner
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA LLC
Entity Title:	Not Reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93711
Affiliation Phone:	(559) 442-3968
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #104, FRESNO, CA 93725 (Continued)

Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Parent Corporation
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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

ELECTRONIC RECYCLERS OF AMERICA 3243 S EAST AVE #108, FRESNO, CA, 93725		S121141829	
▲ C5	SSE 1/10 - 1/3	(948 ft. / 0.18 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	1 ft. Higher Elevation	283 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Site ID:	378507
CERS ID:	10695979
CERS Description:	Hazardous Waste Generator
Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Site ID:	378507
CERS ID:	10695979
CERS Description:	RCRA LQ HW Generator

CUPA FRESNO: Other Ascertainable Records

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #108, FRESNO, CA 93725 (Continued)

Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0281610
APM Number:	32911011S
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)
Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0281610
APM Number:	32911011S
Program Element:	HAZARDOUS WASTE GENERATOR (LQG)

CERS: Other Ascertainable Records

Name:	ELECTRONIC RECYCLERS OF AMERICA
Address:	3243 S EAST AVE #108
City,State,Zip:	FRESNO, CA 93725
Site ID:	378507
CERS ID:	10695979
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	378507
Site Name:	ELECTRONIC RECYCLERS OF AMERICA
Violation Date:	03-11-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 04/28/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	378507
Site Name:	ELECTRONIC RECYCLERS OF AMERICA
Violation Date:	03-11-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 04/28/2015. used oil drum not reported.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	378507
Site Name:	ELECTRONIC RECYCLERS OF AMERICA
Violation Date:	03-11-2015
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 with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #108, FRESNO, CA 93725 (Continued)

Violation Notes:	Returned to compliance on 03/11/2015.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271

Affiliation Type Desc:	Document Preparer
Entity Name:	Kathy Doyle
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #108, FRESNO, CA 93725 (Continued)

Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Aaron Blum
Entity Title:	Chief Operating and Compliance Officer
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:	ELECTRONIC RECYCLERS OF AMERICA LLC
Entity Title:	Not Reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93711
Affiliation Phone:	(559) 442-3968
Affiliation Type Desc:	Environmental Contact
Entity Name:	Aaron Blum
Entity Title:	Not Reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93711
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	7815 N. Palm Avenue, Ste. 140
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93711
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Operator
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported

ELECTRONIC RECYCLERS OF AMERICA, 3243 S EAST AVE #108, FRESNO, CA 93725 (Continued)

Affiliation Phone:	(559) 442-3968
Affiliation Type Desc:	Parent Corporation
Entity Name:	ELECTRONIC RECYCLERS OF AMERICA
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

PEPSI-COLA BOTTLING CO 1150 NORTH AVE E, FRESNO, CA, 93725		S105023828
▲ D6	ENE 1/10 - 1/3 (1081 ft. / 0.205 mi.) 1 ft. Higher Elevation 283 ft. Above Sea Level	State and tribal leaking storage tank lists Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

LUST REG 5: State and tribal leaking storage tank lists

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City:	FRESNO
Region:	5
Status:	Case Closed
Case Number:	5T10000361
Case Type:	Soil only
Substance:	MOTOR OIL
Staff Initials:	DAM
Lead Agency:	Local
Program:	LUST
MTBE Code:	N/A

CORTESE: Other Ascertainable Records

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Envirostor Id:	Not Reported
Global ID:	T0601900354

PEPSI-COLA BOTTLING CO, 1150 NORTH AVE E, FRESNO, CA 93725 (Continued)

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

HIST CORTESE: Other Ascertainable Records

edr_fname:	PEPSI-COLA BOTTLING CO
edr_fadd1:	1150 E.
City,State,Zip:	FRESNO, CA 93725
Region:	CORTESE
Facility County Code:	10
Reg By:	LTNKA
Reg Id:	5T10000361

CERS: Other Ascertainable Records

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City,State,Zip:	FRESNO, CA 93725
Site ID:	221048
CERS ID:	T0601900354
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton Street
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

BOTTLING GROUP, LLC 1150 E NORTH AVE, FRESNO, CA, 93725			1000381941
▲ D7	ENE 1/10 - 1/3	(1081 ft. / 0.205 mi.)	Federal RCRA generators list State and tribal leaking storage tank lists Other Ascertainable Records
	1 ft. Higher Elevation	283 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

RCRA-SQG: Federal RCRA generators list

Date Form Received by Agency:	20200417
Handler Name:	BOTTLING GROUP, LLC
Handler Address:	1150 E NORTH AVE
Handler City,State,Zip:	FRESNO, CA 93725
EPA ID:	CAD981445984
Contact Name:	TED NORWOOD
Contact Address:	E NORTH AVE
Contact City,State,Zip:	FRESNO, CA 93725
Contact Telephone:	559-495-4392
Contact Fax:	Not Reported
Contact Email:	TED.NORWOOD@PEPSICO.COM
Contact Title:	EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	5
Mailing Address:	E NORTH AVE
Mailing City,State,Zip:	FRESNO, CA 93725
Owner Name:	BOTTLING GROUP, LLC
Owner Type:	Private
Operator Name:	BOTTLING GROUP, LLC
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

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

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:	---
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
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:	20200420

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

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

Biennial: List of Years

Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAD981445984&rep_year=2019

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1111 WESTCHESTER AVENUE
Owner/Operator City,State,Zip:	WHITE PLAINS, NY 10604
Owner/Operator Telephone:	999-999-9999
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1150 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
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:	GRANDMET USA INC

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

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:	Operator
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1150 E NORTH AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	602-437-7044
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BOTTLING GROUP, LLC
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1111 WESTCHESTER AVENUE
Owner/Operator City,State,Zip:	WHITE PLAINS, NY 10604
Owner/Operator Telephone:	Not Reported
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20200417
Handler Name:	BOTTLING GROUP, LLC
Federal Waste Generator Description:	Small 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:	No
Electronic Manifest Broker:	No
Receive Date:	19860915
Handler Name:	PEPSI COLA SAN JOAQUIN

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

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:	20200417
Handler Name:	BOTTLING GROUP, LLC
Federal Waste Generator Description:	Small 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:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	312111
NAICS Description:	SOFT DRINK MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LUST: State and tribal leaking storage tank lists

Name:	PEPSI-COLA BOTTLING CO
Address:	1150 NORTH AVE E
City,State,Zip:	FRESNO, CA 93725
Lead Agency:	FRESNO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0601900354
Global Id:	T0601900354
Latitude:	36.6923253
Longitude:	-119.7691237
Status:	Completed - Case Closed
Status Date:	11/23/1993
Case Worker:	EHD

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

RB Case Number:	5T10000361
Local Agency:	FRESNO COUNTY
File Location:	Not Reported
Local Case Number:	FA0170146
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not Reported

LUST:

Global Id:	T0601900354
Contact Type:	Local Agency Caseworker
Contact Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name:	FRESNO COUNTY
Address:	1221 Fulton Street
City:	Fresno
Email:	environmentalhealth@fresnocountyca.gov
Phone Number:	Not Reported

LUST:

Global Id:	T0601900354
Action Type:	Other
Date:	07/08/1991
Action:	Leak Discovery
Global Id:	T0601900354
Action Type:	Other
Date:	07/02/1991
Action:	Leak Stopped
Global Id:	T0601900354
Action Type:	Other
Date:	07/09/1991
Action:	Leak Reported

LUST:

Global Id:	T0601900354
Status:	Open - Case Begin Date
Status Date:	07/02/1991
Global Id:	T0601900354
Status:	Completed - Case Closed
Status Date:	11/23/1993

NPDES: Other Ascertainable Records

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Facility Status:	Not Reported
NPDES Number:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Region:	Not Reported
Agency Number:	Not Reported
Regulatory Measure ID:	Not Reported
Place ID:	Not Reported
Order Number:	Not Reported
WDID:	5F10I019227
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:	Active
Status Date:	12/22/2004
Operator Name:	Pepsi Bottling Group
Operator Address:	1150 E North Ave
Operator City:	Fresno
Operator State:	California
Operator Zip:	93725

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5F
Regulatory Measure ID:	281885
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not Reported
WDID:	5F10I019227
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	12/22/2004
Expiration Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Pepsi Bottling Group
Discharge Address:	1150 E North Ave
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Received Date:	Not Reported
Processed Date:	Not Reported
Status:	Not Reported
Status Date:	Not Reported
Place Size:	Not Reported
Place Size Unit:	Not Reported
Contact:	Not Reported
Contact Title:	Not Reported
Contact Phone:	Not Reported
Contact Phone Ext:	Not Reported
Contact Email:	Not Reported
Operator Name:	Not Reported
Operator Address:	Not Reported
Operator City:	Not Reported
Operator State:	Not Reported
Operator Zip:	Not Reported
Operator Contact:	Not Reported
Operator Contact Title:	Not Reported
Operator Contact Phone:	Not Reported
Operator Contact Phone Ext:	Not Reported
Operator Contact Email:	Not Reported
Operator Type:	Not Reported
Developer:	Not Reported
Developer Address:	Not Reported
Developer City:	Not Reported
Developer State:	Not Reported
Developer Zip:	Not Reported
Developer Contact:	Not Reported
Developer Contact Title:	Not Reported
Constype Linear Utility Ind:	Not Reported
Emergency Phone:	Not Reported
Emergency Phone Ext:	Not Reported
Constype Above Ground Ind:	Not Reported
Constype Below Ground Ind:	Not Reported
Constype Cable Line Ind:	Not Reported
Constype Comm Line Ind:	Not Reported
Constype Commertial Ind:	Not Reported
Constype Electrical Line Ind:	Not Reported
Constype Gas Line Ind:	Not Reported
Constype Industrial Ind:	Not Reported
Constype Other Description:	Not Reported
Constype Other Ind:	Not Reported
Constype Recons Ind:	Not Reported
Constype Residential Ind:	Not Reported
Constype Transport Ind:	Not Reported
Constype Utility Description:	Not Reported
Constype Utility Ind:	Not Reported
Constype Water Sewer Ind:	Not Reported
Dir Discharge Uswater Ind:	Not Reported
Receiving Water Name:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Certifier:	Not Reported
Certifier Title:	Not Reported
Certification Date:	Not Reported
Primary Sic:	Not Reported
Secondary Sic:	Not Reported
Tertiary Sic:	Not Reported
NPDES Number:	Not Reported
Status:	Not Reported
Agency Number:	Not Reported
Region:	5F
Regulatory Measure ID:	281885
Order Number:	Not Reported
Regulatory Measure Type:	Industrial
Place ID:	Not Reported
WDID:	5F10I019227
Program Type:	Not Reported
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Not Reported
Discharge Address:	Not Reported
Discharge City:	Not Reported
Discharge State:	Not Reported
Discharge Zip:	Not Reported
Received Date:	05/09/2008
Processed Date:	12/22/2004
Status:	Active
Status Date:	12/22/2004
Place Size:	46.85
Place Size Unit:	Acres
Contact:	Steve Ryan
Contact Title:	Not Reported
Contact Phone:	559-495-4404
Contact Phone Ext:	Not Reported
Contact Email:	steven.ryan@pepsico.com
Operator Name:	Pepsi Bottling Group
Operator Address:	1150 E North Ave
Operator City:	Fresno
Operator State:	California
Operator Zip:	93725
Operator Contact:	Steve Ryan
Operator Contact Title:	Not Reported
Operator Contact Phone:	559-495-4404
Operator Contact Phone Ext:	Not Reported
Operator Contact Email:	steven.ryan@pepsico.com
Operator Type:	Private Business

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Developer:	Not Reported
Developer Address:	Not Reported
Developer City:	Not Reported
Developer State:	California
Developer Zip:	Not Reported
Developer Contact:	Not Reported
Developer Contact Title:	Not Reported
Constype Linear Utility Ind:	Not Reported
Emergency Phone:	559-485-5050
Emergency Phone Ext:	Not Reported
Constype Above Ground Ind:	Not Reported
Constype Below Ground Ind:	Not Reported
Constype Cable Line Ind:	Not Reported
Constype Comm Line Ind:	Not Reported
Constype Commertial Ind:	Not Reported
Constype Electrical Line Ind:	Not Reported
Constype Gas Line Ind:	Not Reported
Constype Industrial Ind:	Not Reported
Constype Other Description:	Not Reported
Constype Other Ind:	Not Reported
Constype Recons Ind:	Not Reported
Constype Residential Ind:	Not Reported
Constype Transport Ind:	Not Reported
Constype Utility Description:	Not Reported
Constype Utility Ind:	Not Reported
Constype Water Sewer Ind:	Not Reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	FMFCD Infiltration Basin AW-2
Certifier:	Steve Ryan
Certifier Title:	Plant Director
Certification Date:	05-MAR-15
Primary Sic:	2086-Bottled and Canned Soft Drinks and Carbonated Waters
Secondary Sic:	Not Reported
Tertiary Sic:	Not Reported

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Facility Status:	Active
NPDES Number:	CAS000001
Region:	5F
Agency Number:	0
Regulatory Measure ID:	281885
Place ID:	Not Reported
Order Number:	97-03-DWQ
WDID:	5F10I019227
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Effective Date Of Regulatory Measure:	12/22/2004
Termination Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Discharge Address:	1150 E North Ave
Discharge Name:	Pepsi Bottling Group
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725
Status:	Not Reported
Status Date:	Not Reported
Operator Name:	Not Reported
Operator Address:	Not Reported
Operator City:	Not Reported
Operator State:	Not Reported
Operator Zip:	Not Reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	5F
Regulatory Measure ID:	281885
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not Reported
WDID:	5F10I019227
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	12/22/2004
Expiration Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Pepsi Bottling Group
Discharge Address:	1150 E North Ave
Discharge City:	Fresno
Discharge State:	California
Discharge Zip:	93725
Received Date:	Not Reported
Processed Date:	Not Reported
Status:	Not Reported
Status Date:	Not Reported
Place Size:	Not Reported
Place Size Unit:	Not Reported
Contact:	Not Reported
Contact Title:	Not Reported
Contact Phone:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Contact Phone Ext:	Not Reported
Contact Email:	Not Reported
Operator Name:	Not Reported
Operator Address:	Not Reported
Operator City:	Not Reported
Operator State:	Not Reported
Operator Zip:	Not Reported
Operator Contact:	Not Reported
Operator Contact Title:	Not Reported
Operator Contact Phone:	Not Reported
Operator Contact Phone Ext:	Not Reported
Operator Contact Email:	Not Reported
Operator Type:	Not Reported
Developer:	Not Reported
Developer Address:	Not Reported
Developer City:	Not Reported
Developer State:	Not Reported
Developer Zip:	Not Reported
Developer Contact:	Not Reported
Developer Contact Title:	Not Reported
Constype Linear Utility Ind:	Not Reported
Emergency Phone:	Not Reported
Emergency Phone Ext:	Not Reported
Constype Above Ground Ind:	Not Reported
Constype Below Ground Ind:	Not Reported
Constype Cable Line Ind:	Not Reported
Constype Comm Line Ind:	Not Reported
Constype Commertial Ind:	Not Reported
Constype Electrical Line Ind:	Not Reported
Constype Gas Line Ind:	Not Reported
Constype Industrial Ind:	Not Reported
Constype Other Description:	Not Reported
Constype Other Ind:	Not Reported
Constype Recons Ind:	Not Reported
Constype Residential Ind:	Not Reported
Constype Transport Ind:	Not Reported
Constype Utility Description:	Not Reported
Constype Utility Ind:	Not Reported
Constype Water Sewer Ind:	Not Reported
Dir Discharge Uswater Ind:	Not Reported
Receiving Water Name:	Not Reported
Certifier:	Not Reported
Certifier Title:	Not Reported
Certification Date:	Not Reported
Primary Sic:	Not Reported
Secondary Sic:	Not Reported
Tertiary Sic:	Not Reported
NPDES Number:	Not Reported
Status:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Agency Number:	Not Reported
Region:	5F
Regulatory Measure ID:	281885
Order Number:	Not Reported
Regulatory Measure Type:	Industrial
Place ID:	Not Reported
WDID:	5F10I019227
Program Type:	Not Reported
Adoption Date Of Regulatory Measure:	Not Reported
Effective Date Of Regulatory Measure:	Not Reported
Expiration Date Of Regulatory Measure:	Not Reported
Termination Date Of Regulatory Measure:	Not Reported
Discharge Name:	Not Reported
Discharge Address:	Not Reported
Discharge City:	Not Reported
Discharge State:	Not Reported
Discharge Zip:	Not Reported
Received Date:	05/09/2008
Processed Date:	12/22/2004
Status:	Active
Status Date:	12/22/2004
Place Size:	46.85
Place Size Unit:	Acres
Contact:	Steve Ryan
Contact Title:	Not Reported
Contact Phone:	559-495-4404
Contact Phone Ext:	Not Reported
Contact Email:	steven.ryan@pepsico.com
Operator Name:	Pepsi Bottling Group
Operator Address:	1150 E North Ave
Operator City:	Fresno
Operator State:	California
Operator Zip:	93725
Operator Contact:	Steve Ryan
Operator Contact Title:	Not Reported
Operator Contact Phone:	559-495-4404
Operator Contact Phone Ext:	Not Reported
Operator Contact Email:	steven.ryan@pepsico.com
Operator Type:	Private Business
Developer:	Not Reported
Developer Address:	Not Reported
Developer City:	Not Reported
Developer State:	California
Developer Zip:	Not Reported
Developer Contact:	Not Reported
Developer Contact Title:	Not Reported
Constype Linear Utility Ind:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Emergency Phone:	559-485-5050
Emergency Phone Ext:	Not Reported
Constype Above Ground Ind:	Not Reported
Constype Below Ground Ind:	Not Reported
Constype Cable Line Ind:	Not Reported
Constype Comm Line Ind:	Not Reported
Constype Commertial Ind:	Not Reported
Constype Electrical Line Ind:	Not Reported
Constype Gas Line Ind:	Not Reported
Constype Industrial Ind:	Not Reported
Constype Other Description:	Not Reported
Constype Other Ind:	Not Reported
Constype Recons Ind:	Not Reported
Constype Residential Ind:	Not Reported
Constype Transport Ind:	Not Reported
Constype Utility Description:	Not Reported
Constype Utility Ind:	Not Reported
Constype Water Sewer Ind:	Not Reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	FMFCD Infiltration Basin AW-2
Certifier:	Steve Ryan
Certifier Title:	Plant Director
Certification Date:	05-MAR-15
Primary Sic:	2086-Bottled and Canned Soft Drinks and Carbonated Waters
Secondary Sic:	Not Reported
Tertiary Sic:	Not Reported

CIWQS: Other Ascertainable Records

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Agency:	Pepsi Bottling Group
Agency Address:	1150 E North Ave, Fresno, CA 93725
Place/Project Type:	Industrial - Bottled and Canned Soft Drinks and Carbonated Waters
SIC/NAICS:	2086
Region:	5F
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5F10I019227
NPDES Number:	CAS000001
Adoption Date:	Not Reported
Effective Date:	12/22/2004
Termination Date:	Not Reported
Expiration/Review Date:	Not Reported
Design Flow:	Not Reported
Major/Minor:	Not Reported
Complexity:	Not Reported

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

TTWQ:	Not Reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	36.6923
Longitude:	-119.76844

CERS: Other Ascertainable Records

Name:	PEPSI BOTTLING GROUP
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	539275
CERS ID:	620452
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-30-2016
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Central Valley Regional Water Quality Control Board Scientific Aid Scott Yuen and I conducted an inspection of Pepsi Bottling Group (Pepsi) to assess compliance with 2014-0057-DWQ Storm Water Industrial General Permit on 30 March 2016. We arrived at the facility at 12:14 PM and met with Steve Ryan (Plant Director) and Adam Merrill (Product Availability Manager). I reviewed their onsite Storm Water Pollution Prevention Plan (SWPPP) and analytical results for their completed sampling events. The SWPPP appeared to be complete. Pepsi includes storm water training records for their employees, in their Human Resources department. We asked and received permission to inspect the facility as well as take photographs. Mr. Merrill led us through the facility to conduct the inspection. I observed Good Housekeeping throughout the facility. I was informed by Mr. Merrill, a street cleaner is used in the facility weekly and a thorough cleaning of the facility is completed twice in a quarter. Pepsi allowed storm water exposed to industrial materials comingle with wastewater in the shell storage and loading/unloading dock area, because it flows to their wastewater treatment plant. I observed spill prevention kits near the battery charging station and propane area. Most of the drains were clean and had spill prevention kits nearby. I concluded my inspection, and left the facility at approximately 1:20 PM.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Enforcement Action:

Site ID:	539275
Site Name:	Pepsi Bottling Group
Site Address:	1150 E NORTH AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	04-03-2012
Enf Action Type:	Staff Enforcement Letter
Enf Action Description:	Staff Enforcement Letter
Enf Action Notes:	Letter on 3 April 2012 from Fresno Office, RWQCB commenting on exceeding benchmark values for storm water runoff
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS
Site ID:	539275
Site Name:	Pepsi Bottling Group

BOTTLING GROUP, LLC, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Site Address:	1150 E NORTH AVE
Site City:	FRESNO
Site Zip:	93725
Enf Action Date:	09-24-2009
Enf Action Type:	Staff Enforcement Letter
Enf Action Description:	Staff Enforcement Letter
Enf Action Notes:	Benchmark exceedance needs BMP review. Response submitted 10/19/2009.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Pepsi Bottling Group
Entity Title:	Operator
Affiliation Address:	1150 E North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93725
Affiliation Phone:	Not Reported

FRESNO BRANCH 1150 E NORTH AVE, FRESNO, CA, 93745		U001593060
▲ D8	ENE 1/10 - 1/3 (1081 ft. / 0.205 mi.)	Local Lists of Registered Storage Tanks
	1 ft. Higher Elevation 283 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

HIST UST: Local Lists of Registered Storage Tanks

Name:	FRESNO BRANCH
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93745
File Number:	Not Reported
URL:	Not Reported
Region:	STATE
Facility ID:	00000068420
Facility Type:	Other
Other Type:	BEVERAGE PRODUCER
Contact Name:	S. L. NELSON

FRESNO BRANCH, 1150 E NORTH AVE, FRESNO, CA 93745 (Continued)

Telephone:	2094855050
Owner Name:	PEPSI-COLA SAN JOAQUIN BOTTLIN
Owner Address:	1150 EAST NORTH AVENUE
Owner City,St,Zip:	FRESNO, CA 93745
Total Tanks:	0005
Tank Num:	001
Container Num:	905
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not Reported
Container Construction Thickness:	/4 2
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	906
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	003
Container Num:	907 - METE
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	004
Container Num:	908 - METE
Year Installed:	1982
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test
Tank Num:	005
Container Num:	909 - METE
Year Installed:	1982
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, Pressure Test

PEPSI BEVERAGES COMPANY 1150 E NORTH AVE, FRESNO, CA, 93725		S113006493	
▲ D9	ENE 1/10 - 1/3	(1081 ft. / 0.205 mi.)	Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records
	1 ft. Higher Elevation	283 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Hazardous Chemical Management
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Hazardous Waste Generator

CERS TANKS: Local Lists of Registered Storage Tanks

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Aboveground Petroleum Storage

CUPA FRESNO: Other Ascertainable Records

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	UST REMOVAL/CLOSURE W/5 TANKS
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	FORMER CONTAMINATED SITE/NO FURTHER ACTION
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	AST STORAGE CAPACITY 1,320 TO 9,999 GAL
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	CALARP PROCESS - PROGRAM LEVEL 2
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)
Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Region:	FRESNO
Cross Street:	Not Reported
Facility ID:	FA0170146
APM Number:	48717006
Program Element:	HAZARDOUS WASTE GENERATOR (LQG)

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

CERS: Other Ascertainable Records

Name:	PEPSI BEVERAGES COMPANY
Address:	1150 E NORTH AVE
City,State,Zip:	FRESNO, CA 93725
Site ID:	423917
CERS ID:	10459924
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	423917
Site Name:	Pepsi Beverages Company
Violation Date:	09-06-2012
Citation:	07001 - Search Title 8 regulations for 5162 C at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not Reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Site ID:	423917
Site Name:	Pepsi Beverages Company
Violation Date:	07-25-2012
Citation:	03001 - Search Title 8 regulations for 4002 A at https://www.dir.ca.gov/title8/index/T8index.asp
Violation Description:	Cal/OSHA Violation
Violation Notes:	Not Reported
Violation Division:	Cal/OSHA
Violation Program:	OSHA
Violation Source:	CERS

Evaluation:

Eval General Type:	Occupational Safety and Health Administration Inspection
Eval Date:	04-17-2012
Violations Found:	Yes
Eval Type:	Cal/OSHA Inspection
Eval Notes:	Not Reported
Eval Division:	Cal/OSHA
Eval Program:	OSHA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-21-2017

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	CalARP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-27-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	CalARP
Eval Source:	CERS

Coordinates:

Site ID:	423917
Facility Name:	Pepsi Beverages Company
Env Int Type Code:	CalARP
Program ID:	10459924
Coord Name:	Not Reported
Ref Point Type Desc:	Unknown
Latitude:	36.692340
Longitude:	-119.769099

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271
Affiliation Type Desc:	Environmental Contact
Entity Name:	Mike Berg
Entity Title:	Not Reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93725
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Mike Berg
Entity Title:	Not Reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93725
Affiliation Phone:	(559) 486-0203
Affiliation Type Desc:	Operator

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Entity Name:	Mike Berg
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:	(801) 514-8759
Affiliation Type Desc:	Document Preparer
Entity Name:	Rene Diaz/Fernando Arambula
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	1150 East North Ave
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93725
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	PEPSI BEVERAGES COMPANY
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:	Property Owner
Entity Name:	Pepsi Beverages Company
Entity Title:	Not Reported
Affiliation Address:	700 Anderson Hill Rd
Affiliation City:	Purchase
Affiliation State:	NY
Affiliation Country:	United States
Affiliation Zip:	10577
Affiliation Phone:	(914) 253-3123
Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Berg
Entity Title:	Plant Manager

PEPSI BEVERAGES COMPANY, 1150 E NORTH AVE, FRESNO, CA 93725 (Continued)

Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported

INTERLINE BRANDS, INC. LOCATION #4883 1155 E NORTH AVE STE 104, FRESNO, CA, 93725		S123520722	
▲ D10	ENE 1/10 - 1/3	(1157 ft. / 0.219 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	2 ft. Higher Elevation	284 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	INTERLINE BRANDS, INC. LOCATION #4883
Address:	1155 E NORTH AVE STE 104
City,State,Zip:	FRESNO, CA 93725
Site ID:	434255
CERS ID:	10747165
CERS Description:	Hazardous Waste Generator

CERS: Other Ascertainable Records

Name:	INTERLINE BRANDS, INC. LOCATION #4883
Address:	1155 E NORTH AVE STE 104
City,State,Zip:	FRESNO, CA 93725
Site ID:	434255
CERS ID:	10747165
CERS Description:	Chemical Storage Facilities

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271

INTERLINE BRANDS, INC. LOCATION #4883, 1155 E NORTH AVE STE 104, FRESNO, CA 93725 (Continued)

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	160 Chapel Road, Suite 201, C/O Compliance Department
Affiliation City:	Manchester
Affiliation State:	CT
Affiliation Country:	Not Reported
Affiliation Zip:	06042
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Moriah Bloom, Agent for Interline Brands
Entity Title:	Compliance Specialist
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Document Preparer
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	The Home Depot USA, Inc.
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ARCADIS U.S., Inc.
Entity Title:	Not Reported
Affiliation Address:	160 Chapel Road, Suite 201, C/O Compliance Department
Affiliation City:	Manchester
Affiliation State:	CT
Affiliation Country:	Not Reported
Affiliation Zip:	06042
Affiliation Phone:	Not Reported
Affiliation Type Desc:	Legal Owner
Entity Name:	The Home Depot U.S.A., Inc.

INTERLINE BRANDS, INC. LOCATION #4883, 1155 E NORTH AVE STE 104, FRESNO, CA 93725 (Continued)

Entity Title:	Not Reported
Affiliation Address:	2455 Paces Ferry Rd, C-19
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30339
Affiliation Phone:	(770) 433-8211
Affiliation Type Desc:	Operator
Entity Name:	The Home Depot U.S.A., 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:	(770) 433-8211

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	07/29/2021	08/04/2021	08/31/2021
US	Proposed NPL	Proposed National Priority List Sites	EPA	07/29/2021	08/04/2021	08/31/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	07/29/2021	08/04/2021	08/31/2021
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	09/13/2021	09/15/2021	10/12/2021
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/10/2021	05/13/2021	08/03/2021
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	05/17/2021	05/21/2021	08/11/2021
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	05/17/2021	05/21/2021	08/11/2021
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/14/2021	06/17/2021	08/17/2021
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/10/2021	05/11/2021	07/27/2021
State and tribal leaking storage tank lists						
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	06/03/2021	06/03/2021	08/24/2021
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	05/20/2021	06/04/2021	08/30/2021
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/17/2021	06/11/2021	09/07/2021
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	06/01/2021	06/11/2021	09/07/2021
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/27/2021	06/11/2021	09/07/2021
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/28/2021	06/11/2021	09/07/2021
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/29/2021	02/17/2021	03/22/2021
State and tribal voluntary cleanup sites						
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	06/17/2021	06/17/2021	09/13/2021
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2021	07/14/2021	07/16/2021
US	ROD	Records Of Decision	EPA	07/29/2021	08/04/2021	08/31/2021
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/29/2021	08/04/2021	08/31/2021
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	06/04/2021	06/04/2021	08/27/2021
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	05/06/2021	05/07/2021	07/23/2021
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	07/29/2021	08/04/2021	08/31/2021
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/13/2021	09/15/2021	09/28/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	Delisted NPL	National Priority List Deletions	EPA	07/29/2021	08/04/2021	08/31/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/29/2021	08/04/2021	08/31/2021
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2021	09/15/2021	10/12/2021
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/12/2021	09/13/2021	09/28/2021
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2021	06/10/2021	08/17/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	05/04/2021	05/18/2021	08/11/2021
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/03/2021	05/25/2021	08/11/2021
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	06/30/2021	07/01/2021	09/28/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	12/30/2020	01/14/2021	03/05/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	07/19/2021	07/19/2021	10/12/2021
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	11/19/2020	01/08/2021	03/22/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/08/2021	03/11/2021	05/11/2021
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	05/05/2021	05/18/2021	08/17/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	05/07/2021	05/13/2021	08/03/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	06/15/2021	06/16/2021	08/17/2021
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	06/30/2021	07/15/2021	10/06/2021
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/17/2021	06/17/2021	09/14/2021
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	05/28/2021	05/28/2021	08/20/2021
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	05/25/2021	05/28/2021	08/20/2021
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	05/25/2021	05/26/2021	08/18/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	05/18/2021	05/19/2021	08/05/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2019	06/10/2021	08/27/2021
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/16/2021	04/20/2021	07/07/2021
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/14/2021	04/15/2021	07/06/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/13/2021	05/13/2021	07/26/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/23/2020	11/23/2020	02/08/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/14/2021	05/14/2021	07/27/2021
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	07/01/2021	07/01/2021	09/24/2021
CA	ICE	ICE	Department of Toxic Subsances Control	05/14/2021	05/14/2021	07/27/2021
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	06/03/2021	06/03/2021	08/24/2021
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/27/2021	05/28/2021	08/20/2021
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	MINES	Mines Site Location Listing	Department of Conservation	06/03/2021	06/03/2021	08/24/2021
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/06/2021	05/28/2021	08/20/2021
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/10/2021	05/11/2021	07/27/2021
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	05/28/2021	05/28/2021	08/20/2021
CA	PROC	Certified Processors Database	Department of Conservation	06/04/2021	06/04/2021	08/27/2021
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/12/2021	03/16/2021	06/01/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	07/22/2021	07/22/2021	10/08/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	06/03/2021	06/03/2021	08/25/2021
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	06/04/2021	06/04/2021	08/27/2021
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	05/19/2021	05/19/2021	08/12/2021
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	07/15/2021	07/15/2021	10/06/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/14/2021	05/14/2021	08/03/2021
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/03/2021	06/03/2021	08/24/2021
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/24/2021
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/03/2021	06/03/2021	08/25/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	06/07/2021	06/07/2021	08/27/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/26/2021	07/01/2021	09/28/2021
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	07/15/2021	07/15/2021	10/06/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	07/15/2021	07/15/2021	10/06/2021
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/13/2021	07/14/2021	10/06/2021
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	06/29/2021	06/30/2021	09/22/2021
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	08/05/2021	08/06/2021	09/17/2021
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	06/15/2021	06/16/2021	07/02/2021
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	07/20/2021	07/20/2021	10/11/2021
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	06/29/2021	07/23/2021	10/08/2021
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	05/10/2021	05/12/2021	07/26/2021
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	04/09/2021	06/23/2021	09/17/2021
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	05/17/2021	05/18/2021	05/20/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	07/13/2021	07/15/2021	10/06/2021
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	07/06/2021	08/12/2021	10/07/2021
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	07/06/2021	08/12/2021	08/18/2021
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	05/10/2021	05/12/2021	07/26/2021
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	07/08/2021	07/09/2021	09/29/2021
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	07/09/2021	07/09/2021	09/29/2021
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2021	02/18/2021	05/10/2021
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	02/04/2021	04/16/2021	04/21/2021
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	06/28/2021
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	09/14/2021
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	05/26/2021	07/09/2021	09/29/2021
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	02/02/2021	04/28/2021	07/13/2021
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	03/24/2021	04/07/2021	06/24/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/13/2021	05/14/2021	07/26/2021
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	06/23/2021	06/23/2021	06/24/2021
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	04/28/2021	04/29/2021	07/15/2021
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	03/01/2021	04/30/2021	07/19/2021
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	03/01/2021	05/03/2021	05/12/2021
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/29/2021	04/30/2021	07/19/2021
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	05/25/2021	05/26/2021	06/01/2021
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

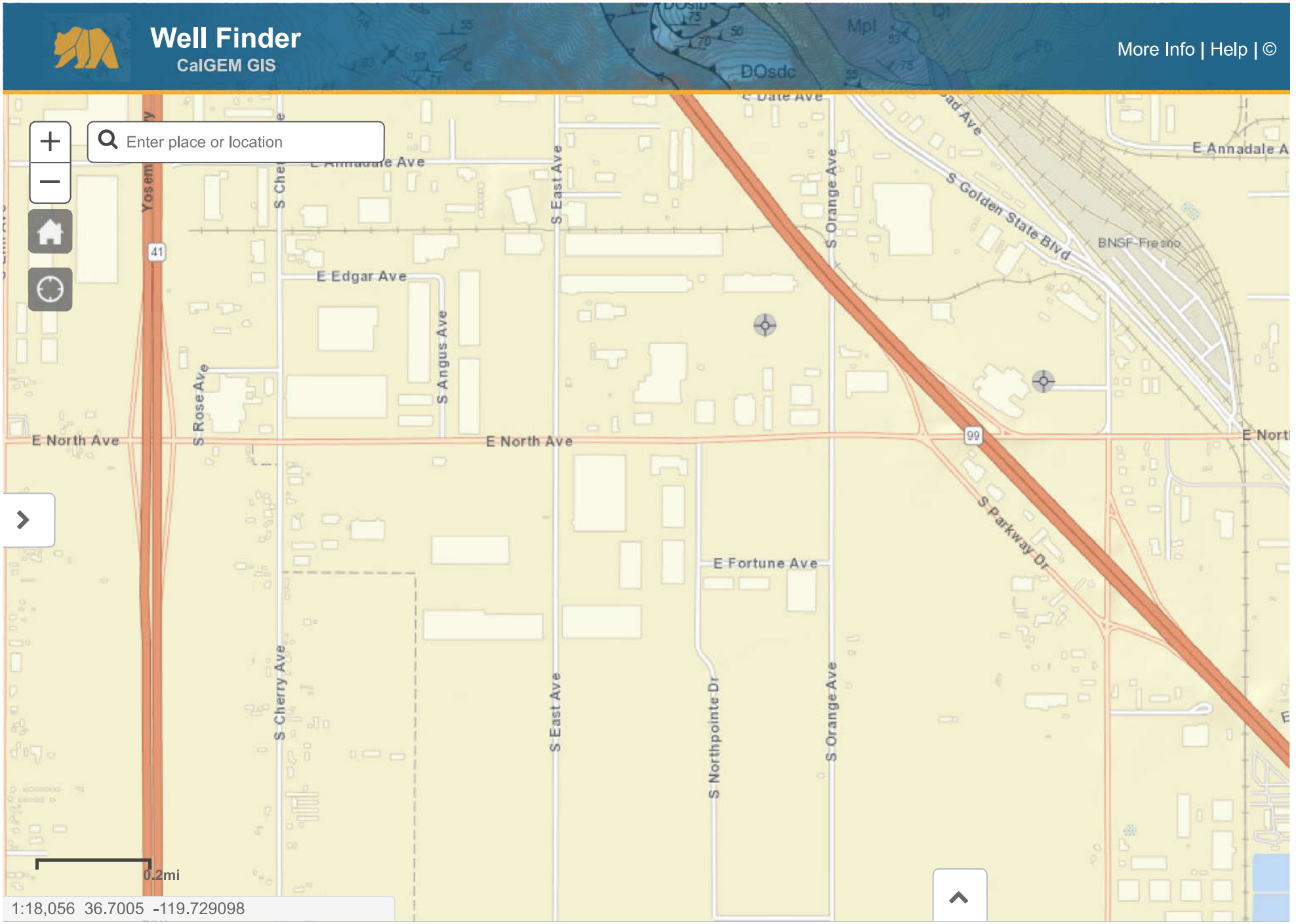
St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	06/29/2021	06/30/2021	07/14/2021
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	06/29/2021	06/30/2021	07/14/2021
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	03/30/2021	04/01/2021	06/23/2021
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	03/30/2021	04/01/2021	06/25/2021
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	04/28/2021	04/29/2021	05/03/2021
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	05/19/2021	05/19/2021	06/07/2021
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	05/28/2021	05/28/2021	08/20/2021
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/01/2020	11/23/2020	02/08/2021
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/14/2020	07/16/2020	09/29/2020
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	05/06/2021	05/07/2021	07/23/2021
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	05/06/2021	05/07/2021	07/23/2021
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	05/07/2021	05/11/2021	05/14/2021
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	02/24/2021	02/26/2021	05/19/2021
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	06/22/2021	06/23/2021	09/17/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	06/30/2021	06/30/2021	09/24/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	05/14/2021	05/17/2021	08/03/2021
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	05/25/2021	05/26/2021	08/18/2021
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/13/2021	01/14/2021	04/06/2021
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	07/14/2021	07/15/2021	10/06/2021
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	04/26/2021	04/28/2021	07/13/2021
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	05/26/2021	07/19/2021	10/08/2021
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	05/26/2021	07/19/2021	10/07/2021
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	05/26/2021	06/04/2021	08/27/2021
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	06/22/2021	06/28/2021	09/21/2021
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	07/20/2021	07/20/2021	10/08/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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Well Finder
CalGEM GIS
More Info | Help | ©
Enter place or location
E Annadale Ave
E Edgar Ave
E North Ave
E Fortune Ave
S East Ave
S Orange Ave
S Golden State Blvd
BNSF-Fresno
S Rose Ave
S Angus Ave
S Cherry Ave
S Northpointe Dr
S Parkway Dr
41
99
0.2mi
1:18,056 36.7005 -119.729098

John Sellman

From: Fresno Public Records Center <fresnoca@govqa.us>
Sent: Monday, November 1, 2021 9:43 AM
To: John Sellman
Cc: Jennifer.Davis@fresno.gov; Kathleen.Abdulla@fresno.gov; Romi.Morgan@fresno.gov
Subject: [Records Center] City Public Records Request :: R009240-101921

--- Please respond above this line ---

City of FRESNO

RE: PUBLIC RECORDS REQUEST of October 19, 2021, Reference # R009240-101921.

Dear John Sellman,

The City of Fresno (City) received your public information request for records under the California Public Records Act (Gov. Code, § 6250 et seq.) on October 19, 2021. Your request states:

> *"Requesting records related to underground storage tanks or above ground storage tanks, hazardous materials or hazardous waste files, release files or local oversight program files for the 2 adjacent properties (791 and 998 E. North Avenue, Fresno, CA)"*

The City of Fresno has reviewed its files and has determined there are no records responsive to your request.

Records pertaining to underground storage tanks are not in the custody and/or control of the City (Gov. Code, § 6252). You may contact the Fresno County Division of Environmental Health at (559) 445-3271 regarding underground storage tank records.

Please feel free to contact the Fresno City Attorney's Office at 559-621-7500 if you have any questions.

Very truly yours,

Ricardo Farfan
Paralegal
for
TRAVIS STOKES
Assistant City Attorney
City of Fresno

To monitor the progress or update this request please log into the Public Records Center

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Water Quality



ANNUAL REPORT 2020

LETTER FROM THE DIRECTOR

I am pleased to announce that the City of Fresno met all state and federal water quality standards for the 2020 testing year. As always, the City of Fresno remains committed to continued investment in our water system and to provide clean, safe, reliable water for all City of Fresno customers.

In 2015, City of Fresno customers and the Fresno City Council approved a five-year water rate increase to fund the Recharge Fresno program. This program resulted in an increase in the City of Fresno's surface water production capacity and, in turn, a reduction in the City's reliance on groundwater pumping. After decades of watching the underground aquifer levels drop, this transition of water supply sources has allowed underground aquifer levels to begin to rise and recover.

Thanks to the $429 million Recharge Fresno program investment and the reduced reliance upon groundwater during normal water years, the City of Fresno is in a much better position to weather a severe drought emergency. However, the City of Fresno continues to ask customers to do their part to conserve water, especially during years of drought. Our Water Conservation section offers a variety of rebates and services to assist customers with water conservation efforts.

It is our privilege to continue improving the water system that captures, treats, and delivers water to Fresno homes. Replenishing groundwater and creating a sustainable and reliable water supply for you and your family is a responsibility we take very seriously. On behalf of the City of Fresno Department of Public Utilities, thank you for your investment in Fresno's future.

Please take a moment to review our 2020 Water Quality Report, which provides a detailed overview of general health information, water quality test results, and conservation rules. I hope reviewing this information gives you greater insight into your local clean, safe, and reliable water source.

Sincerely,

Michael Carbajal

WHAT'S IN THIS REPORT?

This Annual Water Quality Report, prepared in cooperation with the California State Water Resources Control Board (State Board) - Division of Drinking Water, provides important information about Fresno's water supply, water quality, and water delivery system. Test results for Fresno's 2020 Water Quality Monitoring Program are summarized on the following pages. It is important to read the messages regarding various water quality issues from the U.S. Environmental Protection Agency (USEPA) and from your City of Fresno Water Division.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Daimntawv tshaj tawm no muaj lus tseemceeb txog koj cov dej haus. Tshab txhais nws, los yog tham nrog tej tug neeg uas totaub txog nws.

Chi ti t này th t quan tr ng, xin nh ngu i d ch cho quý v.

Unregulated contaminant monitoring helps USEPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated. A copy of this report is available on the Fresno City website. It can be found at Fresno.gov/waterquality.

FACTS ABOUT DRINKING WATER STANDARDS

Under the 1974 Safe Drinking Water Act, the United States Environmental Protection Agency and the California Department of Public Health are charged with the responsibility of setting and implementing safe drinking water standards. Congress reauthorized this act in 1996. There are 74 regulated contaminants and another 34 are subject to monitoring. Fortunately, only a small number have ever been detected in Fresno's water supply.

WHERE DOES OUR DRINKING WATER COME FROM?

For Fresno customers, there are two sources of drinking water. The Fresno Sole Source Aquifer is a large underground water system that supplies many communities in the San Joaquin Valley. The City operates approximately 260 wells that draw from this aquifer, which can lower the water table. For this reason, Fresno has an aggressive recharge program that is continually finding new places and methods to conduct ground water recharge. Water recharge operations can slow this decline, but with conservation, you can help have a greater impact.

The second source is surface water delivered via Fresno Irrigation District canals and comes from either Millerton or Pine Flat lakes located in the foothills east of Fresno. The surface water is treated to drinking water standards at three of Fresno's state of the art treatment facilities. One in northeast Fresno, the NESWTF is rated at 30 million gallons per day. In east Fresno is the 4 million gallons per day T-3 Water Storage and Treatment Facility, and in southeast Fresno is our newest and largest facility, the SESWTF rated 54 million gallons per day.

WHAT HAPPENS IN FRESNO IF A WELL EXCEEDS USEPA OR STATE BOARD STANDARDS?

If a well violates standards, it will be removed from service and an alternate water supply is provided. In the event a well exceeds standards but must stay in service, customers who receive water from that well would be directly notified by mail or by hand-delivered flyers.

WATER CONSERVATION

Increasing water demands coupled with highly variable rainfall patterns in California make implementation of Water Conservation measures a necessary way of life. We need to work collaboratively to implement practical water conservation solutions that have broad-based community benefit while also providing a range of free services for our residential and commercial customers.

REBATES

The City of Fresno offers a variety of rebates to qualified customers to offset some of the costs of installing water-efficient appliances, fixtures, and landscaping materials. Rebate forms are available online by visiting www.fresno.gov/water and clicking on "Rebates" or request a hard copy by calling the City of Fresno's One Call Center by dialing 3-1-1 within City limits.

REBATES AVAILABLE

- Commercial & Multi-Family Toilet Rebate – up to $100
- High-Efficiency Sprinkler Nozzle Rebate – up to $4 per nozzle
- Hot Water Recirculating Pump Rebate – up to $100
- Lawn to Garden Rebate - $1.00 per square foot (effective July 1, 2021)
- Micro (Drip) Irrigation Rebate - $0.50 per square foot
- Rain Barrel Rebate – up to $50
- Rain Sensor Rebate – up to $50
- Residential Clothes Washer Rebate – up to $100
- Residential Toilet Rebate – up to $100
- Smart Irrigation Controller Rebate – up to $100
- Swimming Pool Cover Rebate – up to $100

SERVICES

The Water Conservation Program offers a variety of free services for our customers. These services are provided to help customers save money by reducing their water use and ensuring compliance with water conservation regulations. Customers can request any of the free services outlined below by submitting a service request through FresGO, or by calling the 311 Center by dialing 3-1-1 from within City limits or by calling (559) 621-CITY (2489).

SERVICES OFFERED

- Water-Wise Landscape Consultation
- Irrigation Efficiency Audit
- Irrigation Controller Assistance (Timer Tutorial)
- Interior/Exterior Water Leak Surveys

OUTDOOR WATER USE SCHEDULE

3-DAY OUTDOOR WATER USE SCHEDULE (APRIL 1 - OCTOBER 31)

- Addresses ending in odd numbers (1,3,5,7,9) – Tuesdays, Thursdays and Saturdays.
- Addresses ending in even numbers (2,4,6,8,0) – Wednesdays, Fridays and Sundays.
- Customers cannot water between 10am – 6pm and never on Mondays.

1-DAY OUTDOOR WATER USE SCHEDULE (NOVEMBER 1 - MARCH 31)

- Addresses ending in odd numbers (1,3,5,7,9) – Saturdays.
- Addresses ending in even numbers (2,4,6,8,0) – Sundays.
- Customers cannot water between 10am – 6pm and never on Mondays.

Outdoor Water Use Schedules are subject to change at any time.

IMPORTANT WATER CONSERVATION RULES

- Customers may not use potable (fresh, drinking) water to wash sidewalks, walkways, driveways, parking lots, open ground, or other hard surface areas except where necessary for public health or safety.
- Customers may not use potable (fresh, drinking) water in a way that causes runoff onto adjacent properties, walkways, roadways, or parking lots.
- Car washing on private property is only allowed with the use of a bucket and a hose equipped with a shut off nozzle for a quick rinse.
- Established swimming pools may only be drained once every 3 years. A pool drain exemption permit is available at www.fresno.gov/water by clicking on the "Exemption Requests" link.
- Customers may not exceed more than 400 gallons per hour of potable (fresh, drinking) water for irrigation during days or hours when outdoor water use is not allowed.

CALIFORNIA DRINKING WATER SOURCE ASSESSMENT AND PROTECTION PROGRAM

The City of Fresno Water Division and the State Water Resources Control Board, formally the California Department of Public Health, CaDPH, has completed the California Drinking Water Source Assessment and Protection (DWSAP) Program for water wells operated by the Fresno Water Division. The complete report prepared in 2003 is available for viewing at the Water Division or the State Water Resources Control Board office. Please contact the Water Division at 621-5300 or State Water Resources Control Board at 447-3300 if you are interested in more information regarding this report.

The City operates approximately 260 wells throughout Fresno's 115 sq. mile service area. Given the size and complexity of our system, the DWSAP report is a very large document and even a brief summary would be difficult to include in this Consumer Confidence report. However, two summary data tables are available on the City's website at www.fresno.gov. In the search box, type Water Quality Report and you will automatically be routed to the linking page containing the reports.

The multipurpose goal of the DWSAP is to identify ways communities can protect the water supplies, manage their water resources, improve drinking water quality, inform their citizens of known contaminants, identify known activities and locations that can threaten their supply, and meet regulatory requirements.

As an example, the following paragraph lists the contaminating activities and sources, which can affect Fresno's drinking water.

Airports-maintenance/fueling areas, apartments and condominiums, automobile-body shops, automobile-gas stations, automobile-repair shops, boat services/repair/refinishing, chemical/petroleum processing/storage, crops-irrigated, dry cleaners, electrical/electronic manufacturing, fertilizer, pesticide/herbicide application, golf courses, historic gas stations, historic waste dumps/landfills, home manufacturing, hospitals, housing-high density, junk/scrap/salvage yards, known contaminant plumes, landfills/dumps, machine shops, metal plating/finishing/fabricating, medical/dental offices/clinics, military installations, motor pools, office buildings/complexes, parks, pesticide/fertilizer/petroleum storage & transfer areas, photo processing/printing, plastics/synthetics producers, railroad yards/maintenance/fueling areas, rental yards, schools, septic systems-high density, sewer collection systems, transportation corridors-railroads, underground storage tanks-confirmed leaking tanks, utility stations-maintenance areas, veterinary offices/clinics, wastewater treatment plants, wells-agriculture/irrigation, wells-water supply.

More information is included in the summary, which identifies the affected well(s) and associated activities.

SOURCES OF DRINKING WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides that may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.
- Radioactive contaminants that can be naturally occurring or be the result of oil and gas production and mining activities.

The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health. Additional information on bottled water is available on the California Department of Public Health website

(http://www.cdph.ca.gov/programs/Pages/fdbBVW.aspx)

Nitrate: Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

Arsenic: While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Fresno is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/lead.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

The following tables list all the drinking water contaminants that were tested for during the 2020 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing between January 1 through December 31, 2020. The State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data contained in this report, though representative of the water quality, is more than one year old.

Table 1: Primary Standards and Unregulated Contaminants

Chemical Table	MCL	PHG (MCLG)	Fresno Average	Range of Detection's	MCL Violation	Last Sampled	Typical source of Contaminant
Volatile Organic Contaminants							
cis-1,2-Dichloroethylene (ug/L)	6	100	0.09	0 - 3.4	NO	2020	Discharge from industrial chemical factories; major biodegradation byproduct of TCE and PCE groundwater contamination
Tetrachloroethylene (PCE) (ug/L)	5	0.06	0.08	0 - 4.6	NO	2020	Discharge from factories, drycleaners, and auto shops (metal degreaser)
Trichloroethylene (TCE) (ug/L)	5	1.7	0.08	0 - 1.9	NO	2020	Discharge from metal degreasing sites and other factories
Synthetic Organic Contaminants							
Dibromochloropropane (DBCP) (ng/L)	200	1.7	13	0 - 180	NO	2020	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit
1,2,3-Trichloropropane (TCP) (ng/L) (1)	5	0.7	.37	0 - 7.6	NO	2020	Discharge from industrial and agricultural chemical factories; leaching from hazardous waste sites; used as cleaning and maintenance solvent, paint and varnish remover, and cleaning and degreasing agent; byproduct during the production of other compounds and pesticides.
Inorganic Contaminants							
Aluminum (AL) (mg/L)	1	0.6	0.001	nd - 0.16	NO	2020	Erosion of natural deposits; residue from some surface water treatment plants
Arsenic (As) (ug/L)	10	0.004	1.1	nd - 10	NO	2020	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Barium (Ba) (mg/L)	1	2	0.035	nd- 0.25	NO	2020	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium (Total) (ug/L)	50	(100)	0.100	nd - 12	NO	2017	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ug/L)	2	1	0.090	nd - 1.9	NO	2017	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (N) (mg/L)	10	10	3.88	0 - 9.5	NO	2020	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Perchlorate (ug/L)	6	6	0.028	nd - 3.1	NO	2020	Historic aerospace or industrial operations associated with rocket propellant, fireworks, explosives, flares, matches and a variety of industries.
Radionuclides							
Gross Alpha (pCi/L)	15	n/a	2.21	nd - 10.5	NO	2020	Erosion of natural deposits
Radium 228 (pCi/L)	5	0.019	0.28	nd - 3.9	NO	2020	Erosion of natural deposits
Uranium (pCi/L)	20	0.5	5.23	0 - 15	NO	2020	Erosion of natural deposits
Unregulated Contaminants (ICR, UCMR & Misc)							
Manganese (ug/L) (2)	n/a		1	nd - 140	n/a	2020	We are required by regulations to monitor for certain unregulated contaminants. This is helpful to the USEPA and DDW for tracking the location of contaminants and whether there is a need for stricter regulations. Some contaminants may indicate detected values with a "<" symbol meaning less than. There are two possible reasons for this. First, the Detection Limit for Reporting, the DLR, has not been established by EPA or DDW. Second, for various reasons, the analytical equipment is unable to quantify the value below the stated "less than" value but analysis indicates the contaminant is present. For either reason, the concentration cannot be quantified and the City must assume that a "Fresno Average" is not applicable for this report.
1,4-Dioxane (ug/L)	n/a		4	nd - 84	n/a	2017	
Dichlorodifluoromethane (Freon 12)	n/a		0.55	nd - 100	n/a	2020	
Hexavalent Chromium (ug/L)	n/a		2.4	nd - 8	n/a	2017	
Tert-Butyl Alcohol (TBA)	n/a		0.190	nd - 1	n/a	2017	
Vanadium (total)	n/a		11	nd - 71	n/a	2014	
Bromochloromethane	n/a		0.133	nd - 79	n/a	2014	
Chlorate	n/a		204	nd - 970	n/a	2014	
Chlorodifluoromethane	n/a		0.085	nd - 3.8	n/a	2014	
Molybdenum (total)	n/a		0.9	nd - 7.1	n/a	2014	
Strontium (total)	n/a		97	nd - 510	n/a	2014	
State Contaminants with Notification Levels							
Perfluorooctanoic Acid (PFOA) (ng/L) (3)	Notification Level 5.1		0.45	nd - 5.2	n/a	2020	Perfluorooctanoic Acid exposures resulted in increased liver weight and cancer in laboratory animals
Perfluorooctanesulfonic Acid (PFOS) (ng/L) (3)	Notification Level 6.5		0.70	nd - 6.6	n/a	2020	Perfluorooctanesulfonic Acid exposures resulted in immune suppression and cancer in laboratory animals
Disinfection Byproducts, Disinfectant Residuals, and Disinfection Byproduct Precursors							
Total Trihalomethanes (TTHM) (ug/L)	80	n/a	9.9	nd - 51	NO	2020	Byproduct of drinking water chlorination
Haloacetic Acids (HAA5) (ug/L)	60	n/a	3.4	nd - 18	NO	2020	Byproduct of drinking water chlorination
Chlorine (NAOCL) (mg/L)	4	4	1.35	0.0 - 2.2	NO	2020	Drinking water disinfectant added for treatment

(1), (2), (3) See Table Footnotes

Table 2: Micro Biological Contaminants

Over 220 bacteriological samples are collected every month in Fresno's distribution system. In addition, over 300 bacteriological samples are collected from wells and treatment sites.

Contaminant	Highest No. of Detection's	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	2 of 271 or 0.73%	0	5%	(0)	Naturally present in the environment
E.coli	0	0	A routine sample is positive for E.coli and a repeat sample is positive for total, fecal or E.coli bacteria	(0)	Human or animal fecal waste

Table 3: Lead and Copper

Under the Lead and Copper Rule, samples are collected from inside residences meeting criteria established by the USEPA.

Contaminant	No. of Samples Collected	90th Percentile Level Detected	No. of Sites Exceeding Action Level	Range of Detections	Action Level	MCLG	No. of Schools requesting lead testing	Typical Source of Contaminant
Lead (ug/L) (Sampled in 2018)	101	0	0	ND	15	0.2	3 sampled in 2019	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (mg/L) (Sampled in 2018)	101	0.14	0	ND - 0.31	1.3	0.3		Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 4: Secondary Standards Contaminants List

Secondary standards are based on aesthetic factors (taste, appearance and odor, etc.) and are not health related.						
Aluminum (ug/L)	200	1.06	nd - 160	NO	2020	Erosion of natural deposits; residual from some surface water treatment processes
Apparent Color (Unfiltered)	15	0.15	nd - 10	NO	2020	Naturally-occurring organic materials
Iron (Fe) (ug/L) (3)	300	36	nd - 2000	NO	2020	Leaching from natural deposits; industrial wastes
Manganese (Mn) (ug/L) (4)	50	3.3	nd - 140	NO	2020	Leaching from natural deposits
Specific Conductance (E.C.) (umho/cm+)	1600	305	30 - 920	NO	2020	Substances that form ions when in water; seawater influence
Sulfate (SO4) (mg/L)	500	9.71	nd - 91	NO	2020	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (TDS) (mg/L)	1000	216	24 - 620	NO	2020	Runoff/leaching from natural deposits
Turbidity (Lab) (units)	5	0.190	nd - 4.5	NO	2020	Soil runoff
Zinc (Zn) (mg/L)	5	0.001	nd - 0.11	NO	2017	Runoff/leaching from natural deposits; industrial wastes
Sodium (Na) (mg/L)	n/a	20	1.9 - 72	NO	2020	Sodium and Total Hardness are not regulated but many customers are interested due to concerns about sodium in the diet or water hardness
Total Hardness (as CaCO3) (mg/L, GPG)	n/a	108, 6.3	9 - 410	NO	2020	

(4), (5) See Table Footnotes

Table 5: Turbidity in North East Fresno related to Surface Water Treatment Plant Operations

	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source
Turbidity is a measurement of the cloudiness of the water determined by the ratio of the intensity of light scattered by the sample to the intensity of incident light. We monitor it because it is a good indicator of the effectiveness of our filtration system.							

Table 5: Turbidity in South East Fresno related to T-3 Surface Water Treatment Plant Operations

	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source
Turbidity is a measurement of the cloudiness of the water determined by the ratio of the intensity of light scattered by the sample to the intensity of incident light. We monitor it because it is a good indicator of the effectiveness of our filtration system. T-3 was offline in 2019.							

Table 5: Turbidity in South East Fresno related to Surface Water Treatment Plant Operations

	MCL	MCLG	Level Found	Range	Sample Date	Violation	Typical Source
Turbidity (NTU)	TT = 1 NTU	n/a	0.291	n/a	30-Apr-20	n/a	Soil runoff
	TT = 95% of samples ≤0.3 NTU	n/a	100%		Continuous	n/a	
Turbidity is a measurement of the cloudiness of the water determined by the ratio of the intensity of light scattered by the sample to the intensity of incident light. We monitor it because it is a good indicator of the effectiveness of our filtration system.							

TABLE FOOTNOTES

TABLE 1: PRIMARY STANDARDS AND UNREGULATED CONTAMINANTS

(1) 1,2,3-Trichloropropane (TCP): In 2020, the city continued with initial monitoring of wells for TCP. Wells that were not available to sample in 2018 or 2019 still required the initial compliance sampling. Two wells, 48 and 339 were among the wells that sampled above the MCL during 2020 sample events and were consequently removed from service after confirming they exceeded the MCL. Determination as to whether a well exceeds an MCL for non-acute contaminants such as TCP is based on a running average for a prescribed period of time, typically six months. Therefore, a well may have several results above the MCL yet still meet drinking water standards and "not" exceed the MCL. Some people who drink water containing TCP in excess of the MCL over many years may have an increased risk of getting cancer.

(2) Manganese: a mineral currently regulated because of its aesthetic impact on water quality has a secondary maximum contaminant level of 50 ug/L. Manganese is currently being evaluated by the USEPA through its Unregulated Contaminant Monitoring Rule (UCMR IV.) The purpose of this testing program is to help determine whether health based regulations are in order. This UCMR testing for all City of Fresno water sources was completed in late 2019.

(3) PFAS Compounds. The city is currently engaged in a state mandated testing program to determine the presence of 18 difference PFAS compounds. Specifically, PFOA and PFOS are the primary compounds of interest and the State has established notification and response levels for both. During quarterly testing events, we have detected the presence of both compounds at a number of wells near Fresno Yosemite International airport. All but one site is below established levels and continue to operate. However, PS 70 is above the response level for both compounds but remains online because a suitable treatment system is already in place. Perfluorooctanoic Acid (PFOA) exposure can result in increased liver weight and cancer in laboratory animals. Perfluorooctanesulfonic Acid (PFOS) exposures resulted in immune suppression and cancer in laboratory animals.

TABLE 4: SECONDARY STANDARDS CONTAMINANTS LIST

(4) Iron: One well, 186, near Chestnut and Behymer in NE Fresno had a result that exceeded the Secondary MCL for Iron. The iron found in well 186 is most likely related to corrosion of the column pipe and well casing, something that is normal for wells that have been offline for a period of time. A confirmation sample of the well was collected, and results were non-detect, a result more consistent with historical results. Iron in water may cause discoloration and staining of appliances, fixtures and clothing.

(5) Manganese: One well, 345-1 near Kings Canyon and Fowler was being evaluated to determine both the manganese and iron concentration in the well. A number of samples were collected, some while the well was being pumped to waste confirmed that manganese exceeded the SMCL. The well has been removed from service and a treatment system is being planned for this well. Manganese in water may cause discoloration and staining of appliances, fixtures and clothing.

ACRONYMS AND ABBREVIATIONS

n/a: not applicable
NTU: Nephelometric Turbidity Unit (a measure of light)
nd: not detectable at reporting limits.
ng/L: nanograms per liter or parts per trillion.
ug/L: micrograms per liter or parts per billion
mg/L: milligrams per liter or parts per million
pCi/L: picocuries per liter (a measure of radiation)

Maximum Contaminant Level (MCL):
The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Primary Drinking Water Standard (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG):
The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Regulatory Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

City of
FRESNO
WATER DIVISION
1910 East University Avenue
Fresno, CA 93703-2988

A copy of this report is available on the Fresno City website. It can be found at Fresno.gov/waterquality

A translation of this report in Spanish, Hmong, or Vietnamese can be requested by calling (559) 621-5300.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Daimntawv tshaj tawm no muaj lus tseemceeb txog koj cov dej haus. Tshab txhais nws, log yog tham nrog tej tug neeg uas totaub txog nws.

Chi ti t này th t quan tr ng, xin nh ngu i d ch cho quý v.

A large print version of this report can be requested by calling (559) 621-5300.

Search By:

Property | Permit | Advanced

Search for a permit by entering Street Number and Street Name, OR APN Number
Address Format Sample: 2200 Tulare
APN Format Sample: 46821410T

Address (search)

791 e north

Back

Search

Select

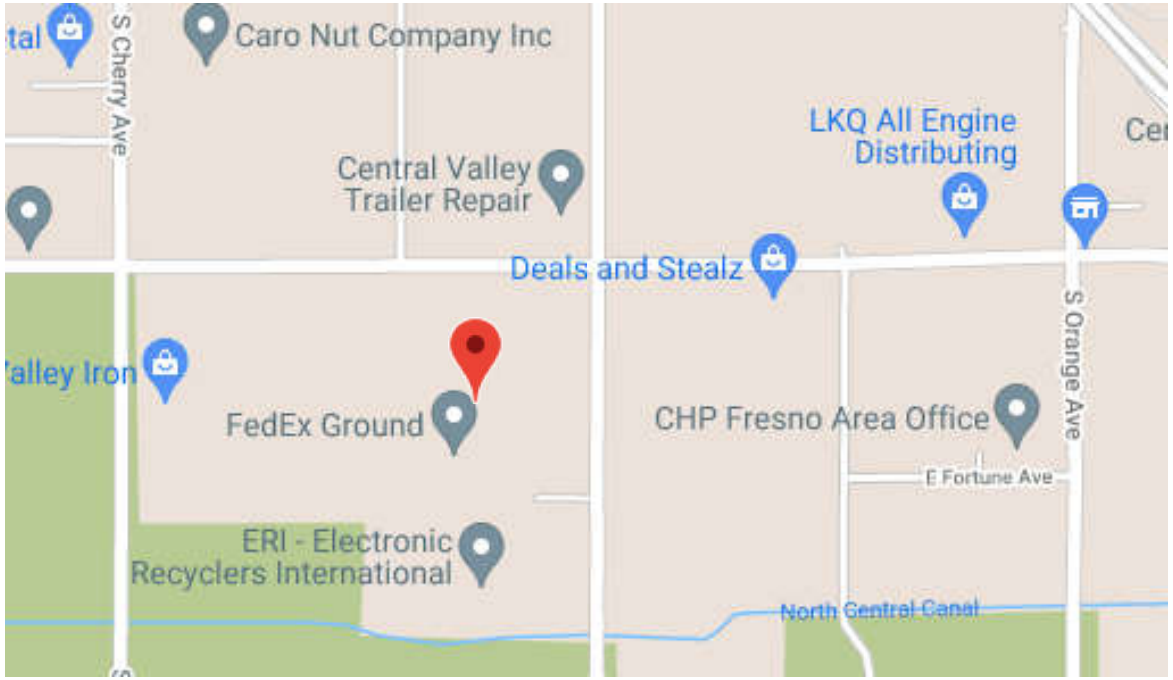
791 E NORTH , FRESNO CA, 93706 [APN: 32909016]

791 E NORTH , FRESNO CA, 93706 [APN: 32909017]

791 E NORTH , FRESNO CA, 93706 [APN: 32909018]

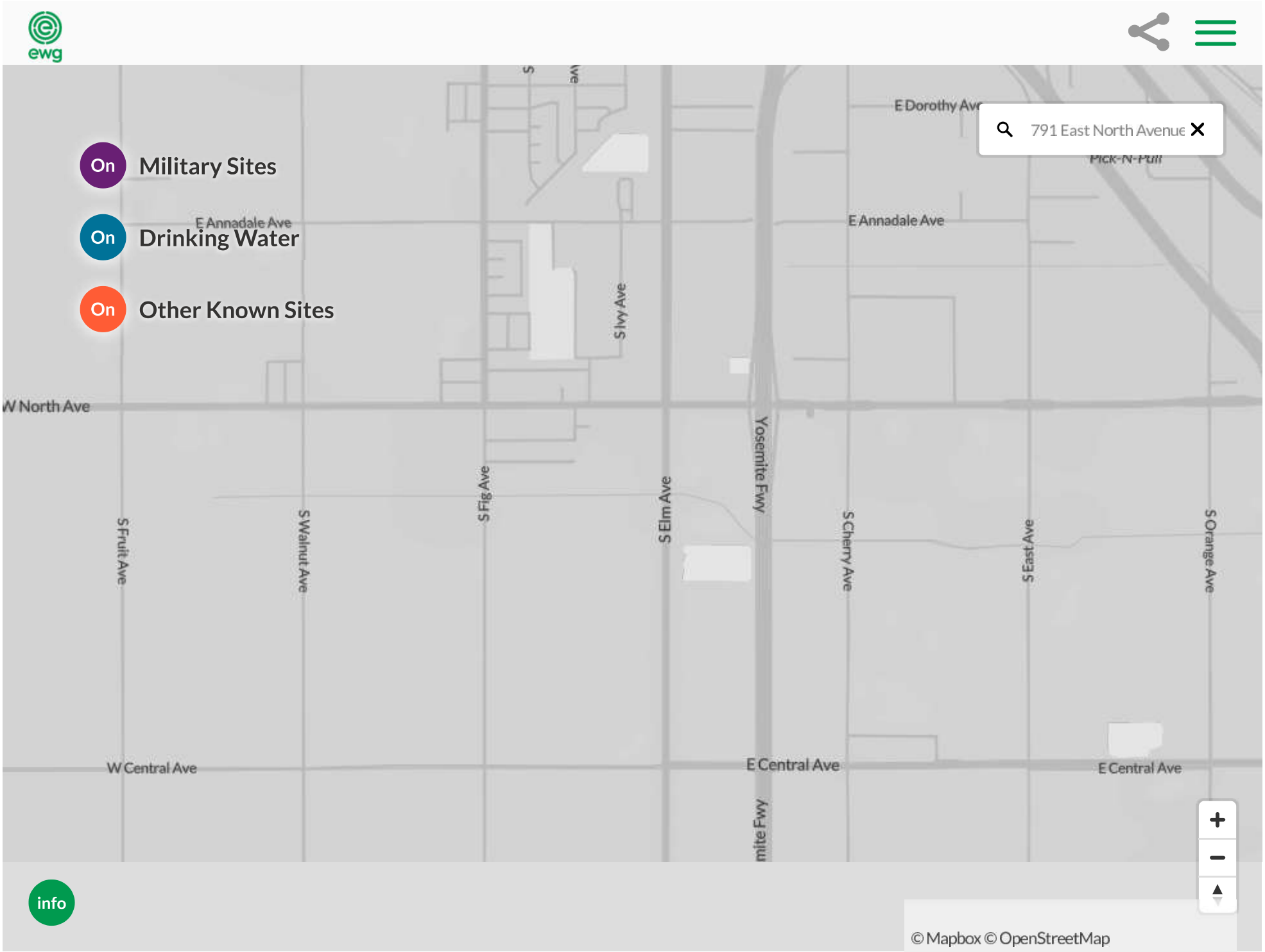
Property Map

Selected Property on the map



Results found

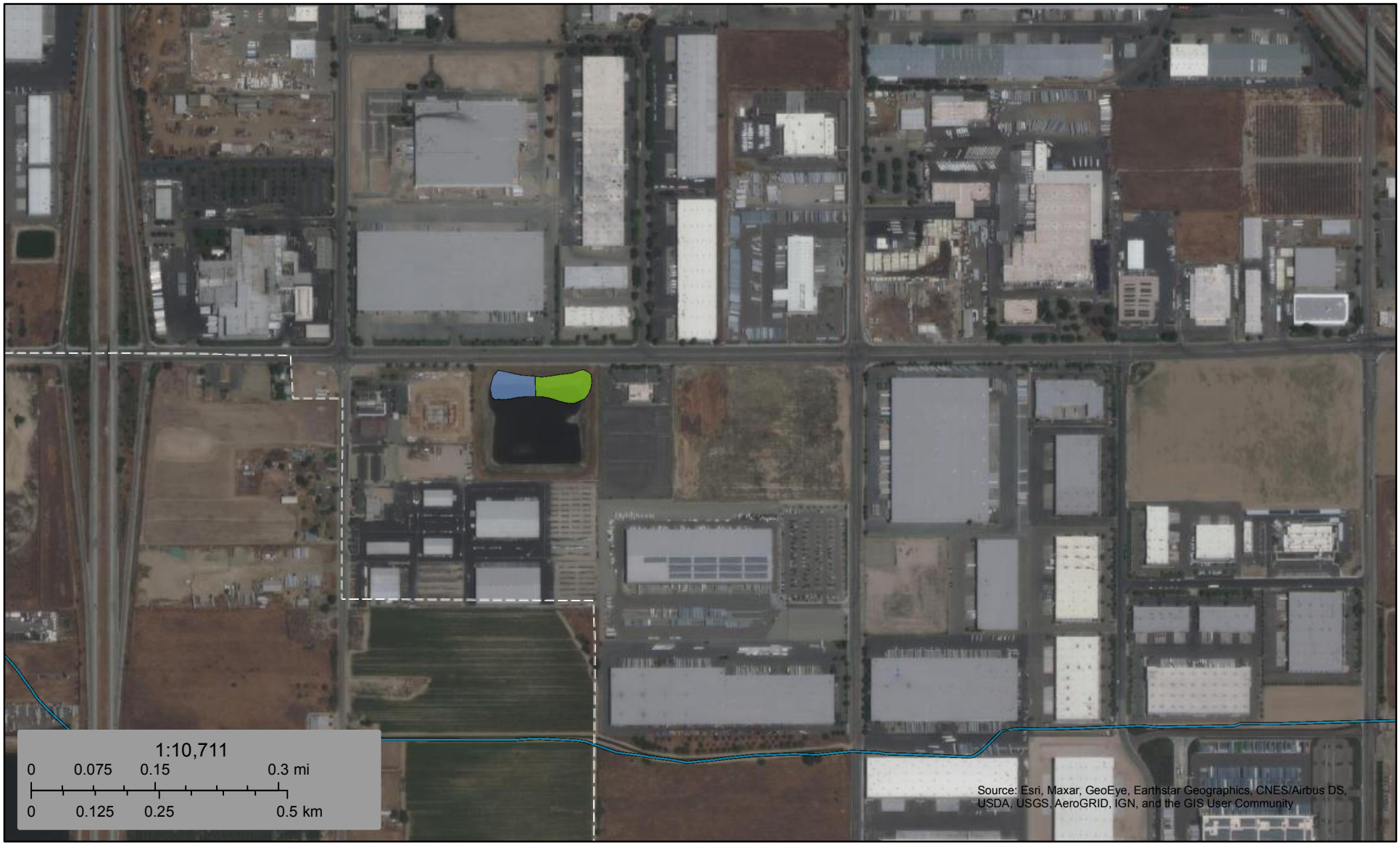
No results found on searched property.


ewg
On Military Sites
On Drinking Water
On Other Known Sites
791 East North Avenue
E Dorothy Ave
E Annadale Ave
E Annadale Ave
S Ivy Ave
W North Ave
S Fig Ave
S Elm Ave
Yosemite Fwy
S Fruit Ave
S Walnut Ave
S Cherry Ave
S East Ave
S Orange Ave
W Central Ave
E Central Ave
E Central Ave
info
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U.S. Fish and Wildlife Service

National Wetlands Inventory

Fresno, Ca



October 26, 2021

Wetlands

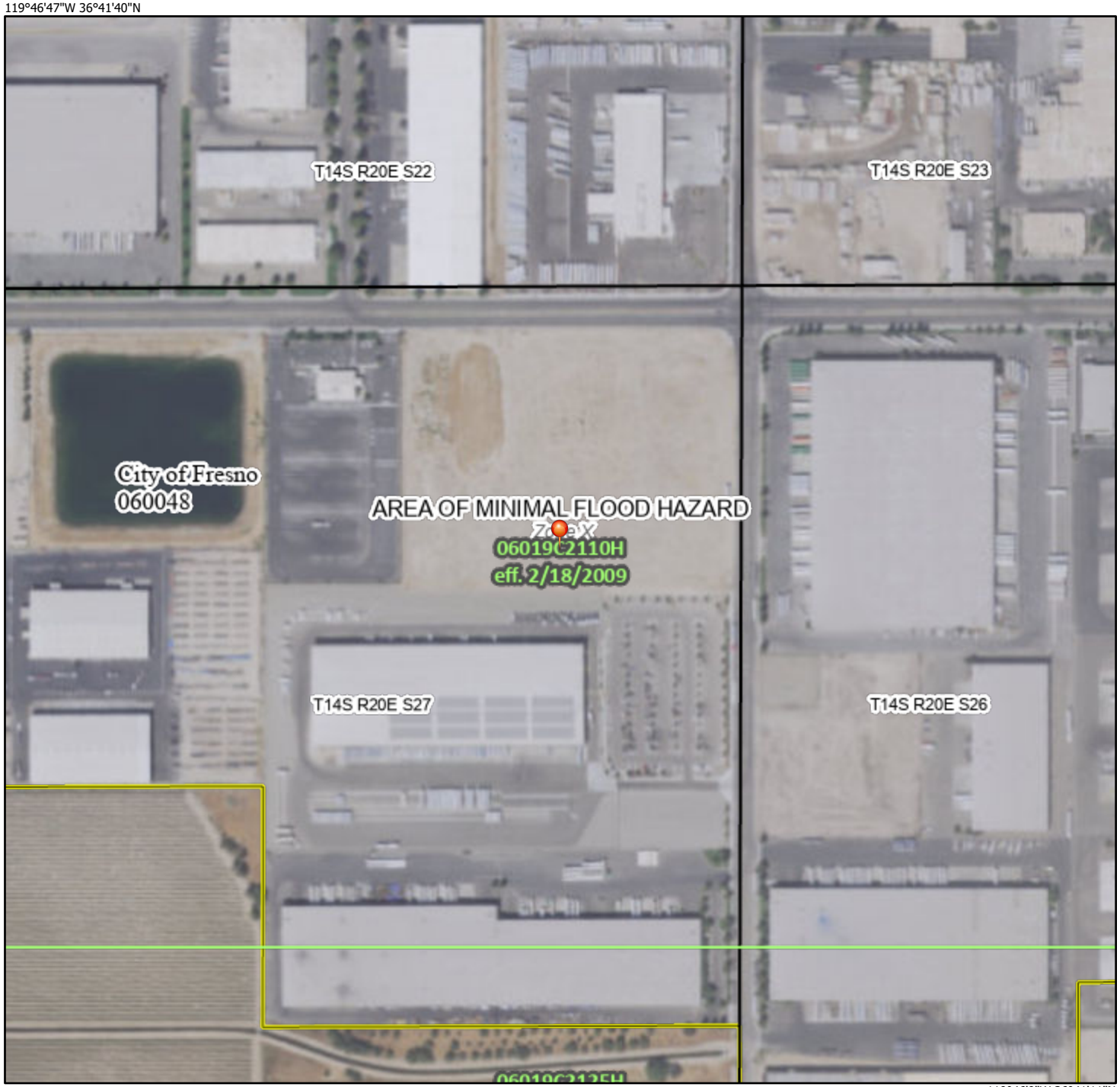
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette

FEMA

119°46'47"W 36°41'40"N



119°46'9"W 36°41'11"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/26/2021 at 5:47 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Record	Applied On	Record Type	Status	Address	Description	Project Name
DV10-8006-GRAD-0-0-0	10/25/2010	Grading Permit	Final Inspection Complete	791 E NORTH AVE, FRESNO CA 93725	Grading review	
DV10-7744-PLUM-0-0-0	10/13/2010	Site Utility Permit	Issued	791 E NORTH AVE, FRESNO CA 93725	Site plumbing	
DV99-1852-PADA-0-0-0	3/18/1999	Plumbing Permit	Final Inspection Complete	791 E NORTH AVE, FRESNO CA 93725		
DV98-11064-DEMR-0-0-0	12/17/1998	Demolition Permit	Final Inspection Complete	791 E NORTH AVE, FRESNO CA 93725		
DV98-11064-PSFA-0-0-0	12/17/1998	Demolition Permit	Final Inspection Complete	791 E NORTH AVE, FRESNO CA 93725		

John Sellman

From: Nick Audino <NAudino@pearsonrealty.com>
Sent: Tuesday, November 23, 2021 5:56 AM
To: John Sellman; Tim Mitchell
Subject: [EXTERNAL] RE: Environmental Site Assessment at 791 & 998 E. North Avenue, Fresno, California
Attachments: SIOR Nick Audino.vcf

[External Email] This email originated from outside of the Atlas mail system. Please use caution when opening attachments.

John—See below answers to your questions. I am the owner's agent.

Nicholas J. Audino, SIOR
Senior Vice President

NEWMARK PEARSON COMMERCIAL
O 559.447.6270

View My Profile View My Listings

From: John Sellman <john.sellman@oneatlas.com>
Sent: Monday, November 22, 2021 4:30 PM
To: Nick Audino <NAudino@pearsonrealty.com>
Subject: Environmental Site Assessment at 791 & 998 E. North Avenue, Fresno, California

Atlas Technical is conducting an Environmental Site Assessment on behalf of Reyes Holdings, at approximately 14.8 acres of the parcel located at 791 & 998 E. North Avenue (southwest corner of North Avenue and East Avenue), Fresno, California. As part of the Assessment, we are required to interview the property owner. If you have contact with the property owner could you forward these questions to them? Please let us know. Thank you for your help.

Are there any water wells located at the property? If so, can you provide information on the depth of the wells? TO THE BEST OF SELLER'S KNOWLDEGE NO WELLS ESIXT ON THE PROEPRTY.

Are there any underground storage tanks located at the property? TO THE BEST OF THE SELLER'S KNOWLEDGE NO UNDERGROUND STORAGE TANKS EXIST ON THE PROPERTY.

Have there been in the past any hazardous materials or hazardous waste stored at the property? TO THE BEST OF SELLER'S KNOWLEDGE NO HAZARDOUS WASTE HAS BEEN STORED AT THE PROPERTY.

Do you have any knowledge of past uses of the property? TO THE BEST OF SELLER'S KNOWLEDGE PAST USES OF THE PROPERTY HAVE BEEN AGRICULTURE.

Are there any prior Environmental Site Assessment reports for the property? If so, are they available? THE PROPERTY WAS PURCHASED BY BUZZ OATES ENTERPIRSES IN 2008. THE CURRENT OWNERS WERE PARTNERS IN THE PROJECT AT

THE TIME AND BECAME FULL OWNERS AFTER THE PARTNESSHIP WAS DISOLVED. I BEING NICK AUDINO BROKERED THE DEAL BUT DO NOT HAVE A COPY OF THE PHASE 1 FROM 2008.

Have soil or groundwater been collected at the property and analyzed for hazardous materials or petroleum products? If so, are those reports available? TO THE BEST OF SELLER'S KNOWLEDGE NO SOIL OR GROUNDWATER SAMPLES HAVE BEEN TAKEN AT THE PROPERTY.

Do you have any knowledge of the soil pile located in the northwest section of the property? I HAVE NO KNOWLEDGE OF THE SOIL PILE AT THE NORTHWEST SECTION OF THE PROEPRTY.

How long have you been associated with the property? SINCE 2008.

John Sellman
Staff Geologist

ATLAS

1117 Lone Palm Avenue, Suite 201B
Modesto, CA 95351
O: 209.579.2221 | **C:** 209.872.5291
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ENR #44 Top Program Management Firm

ENVIRONMENT | PLANNING | DEVELOPMENT SOLUTIONS, INC.

Date:	February 14, 2022
Prepared by:	Meghan Macias, TE
To:	Harmanjit Dhaliwal, PE Traffic Operations and Planning Division, City of Fresno
Site:	Reyes Fresno Warehouse EPD Project Number 21-147
Subject:	Trip Generation and Traffic Impact Study Screening Analysis



This memo evaluates the need to prepare a Traffic Impact Study (TIS) for the Reyes Fresno Distribution Center located at the southwest corner of S. East Avenue and E. North Avenue in the City of Fresno. The project is a build-to-suit distribution warehouse that would be occupied by Reyes Coca Cola Bottling. The total building area would be 205,264 square feet, including 181,915 square feet of warehouse and 23,349 square feet of office space. The project also includes a future expansion area of 40,300 square feet of warehouse. With the expansion area, the project would be 245,564 square feet. The project location is shown in Figure 1 and the project site plan is shown in Figure 2.

The evaluation in this memo was prepared according to the City of Fresno Traffic Impact Study Report Guidelines[1]. According to the guidelines, a project would generally be required to prepare a TIA if a project is expected to generate more than one hundred (100) vehicle trips during any peak hour, or if the project includes a General Plan Amendment (GPA) which changes the land use. The project does not include a GPA. The following discussion evaluates the trip generation to determine whether the project would generate more than 100 peak hour vehicle trips.

The project trip generation was evaluated using trip rates from the Institute of Transportation Engineers[2] and estimates of employees, route deliveries and 3rd party deliveries provided by Reyes (the project applicant). The ITE trip rates for "Warehouse" land use were used to estimate trip generation. According to the ITE description of "Warehousing", a warehouse "may also include office and maintenance areas". Because the trip rate includes supporting office, the office use was not calculated separate from the warehouse use. The project trip generation using estimates of operation provided by Reyes is also provided in Table 1. According to information provided by Reyes, the site would have 114 on-site employees. An additional 95 employees would be assigned to the site but would work remotely (Merchandisers and Sales and Marketing Employees). There would also be delivery routes originating at the project site and 3rd party deliveries. A passenger car equivalent (PCE) factor of 2.0 was added to all truck trips to account for the additional roadway capacity utilized by trucks.

As shown in Table 1, based on ITE trip rates the project would generate 49 AM and 55 PM peak hour PCE trips. When the project is evaluated using operations data, the project would generate 59 AM and 84 PM peak hour PCE trips. Using either method, the project would generate fewer than 100 peak hour trips. Therefore, a TIA should not be required for the project per the City's TIS guidelines.

If you have any questions about this evaluation, please contact me at (949) 794-1186 or at meghan@epdsolutions.com.

[1] City of Fresno, *Traffic Impact Study Report Guidelines*, Fresno Department of Public Works, February 2, 2009.
[2] Institute of Transportation Engineers (ITE) *Trip Generation*, 11th Edition (2021)

Table 1: Project Trip Generation

				AM Peak Hour			PM Peak Hour		
Land Use			**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**
Trip Generation Based on ITE Trip Rates									
Trip Rates									
Warehouse (Automobile Trips)[1]		Per TSF	1.65	0.12	0.03	0.15	0.03	0.12	0.15
Warehouse (Truck Trips)[1]		Per TSF	0.06	0.01	0.01	0.02	0.02	0.01	0.03
			1.71	0.13	0.04	0.17	0.05	0.13	0.18
Project Trip Generation (Total Trips)									
Automobile Trip Generation	245.564	TSF	405	30	7	37	9	28	37
Truck Trip Generation	245.564	TSF	15	3	2	5	4	4	7
Total Project Trip Generation			420	32	10	42	12	32	44
Project Trip Generation (PCE Trips)[2]									
Automobile Trip Generation	245.564	TSF	405	30	7	37	9	28	37
Truck Trip Generation	245.564	TSF	37	6	6	12	10	9	18
Total PCE Project Trip Generation			442	36	13	49	18	37	55
Trip Generation Based on Operational Data[3]									
Project Trip Generation (Total Trips)									
Passenger Car Trips									
Delivery Drivers (60 Drivers)[4]			120	0	0	0	0	0	0
On-Site Employees (70 Employees)[5]			158	0	0	0	25	0	25
Part-Time (2 Days/Week) On-Site Employees (15 Employees)[6]			14	14	0	14	0	14	14
Remote Workers On-Site Weekly (55 Employees)[7]			25	25	0	25	0	25	25
Remote Workers On-Site Monthly (50 Employees)[8]			6	6	0	6	0	6	6
Total Passenger Car Trips			321	44	0	44	25	44	69
Truck Trips									
RCCB Fresno Daily Routes (50/day)[9]			100	-	-	-	-	-	-
3rd Party Deliveries[9]			60	3	3	6	3	3	6
Total			160	3	3	6	3	3	6
Total Project Trip Generation			481	47	3	50	28	47	75
Total PCE Generation[2]			721	51	8	59	33	51	84

TSF = Thousand Square Feet

[1]Trip rates from the Institute of Transporation Engineers, Trip Generation,11th Edition, 2021. Land Use Code 150 - Warehousing.

[2]A Passenger Car Equivalent (PCE) Factor of 2.5 is used for all truck trips.

[3] Estimates of employees, routes and 3rd party deliveries provided by Reyes Holdings LLC.

[4] Delivery drivers would work 5 days per week. There would be 2 shifts per day from 4:00 AM - 2:00 PM and from 5:00 AM - 3:00 PM. Delivery drivers would not arrive or depart during the peak hours.

[5] Daily employee trips assume all employees drive alone and that up to 25 percent of employees will leave work during the day for lunch or other personal reasons. A rate of 2.25 trips per employee is used for all employees in the office on a given day. All employee shifts would start and end outside of peak commute periods except for 25 employees who would work from 5:00 PM - 1:30 AM 5 days per week.

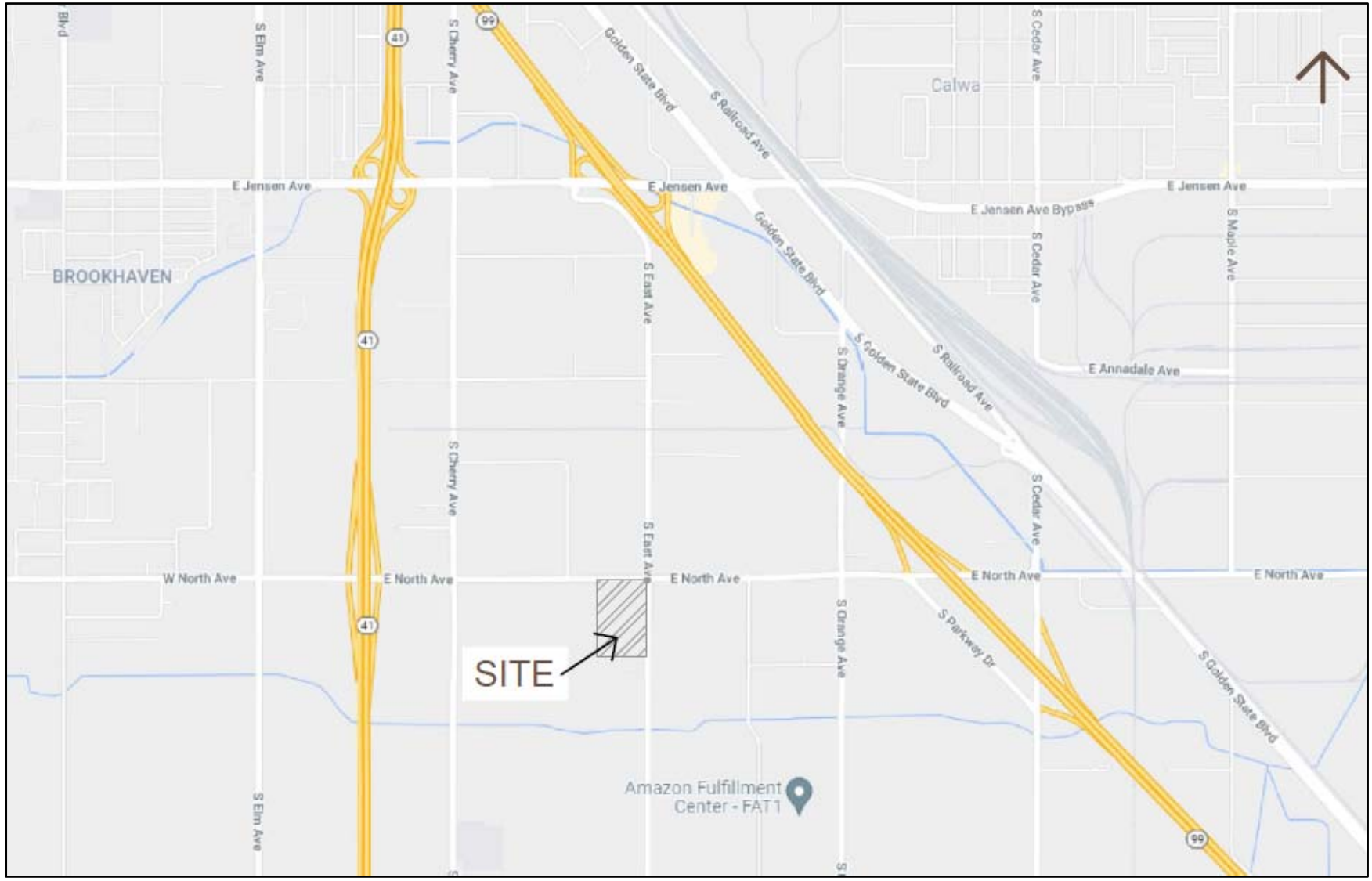
[6] A rate of 0.9 trips per employee per day is used for part time (2 days/week) employees. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 2 days per week/5 day week.

[7] A rate of 0.45 trips per employee per day is used for employees who are on site 1 day per week. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per week/5 day week.

[8] A rate of 0.1125 trips per employee per day is used for employees who are on site 1 day per month. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per month/20 day month.

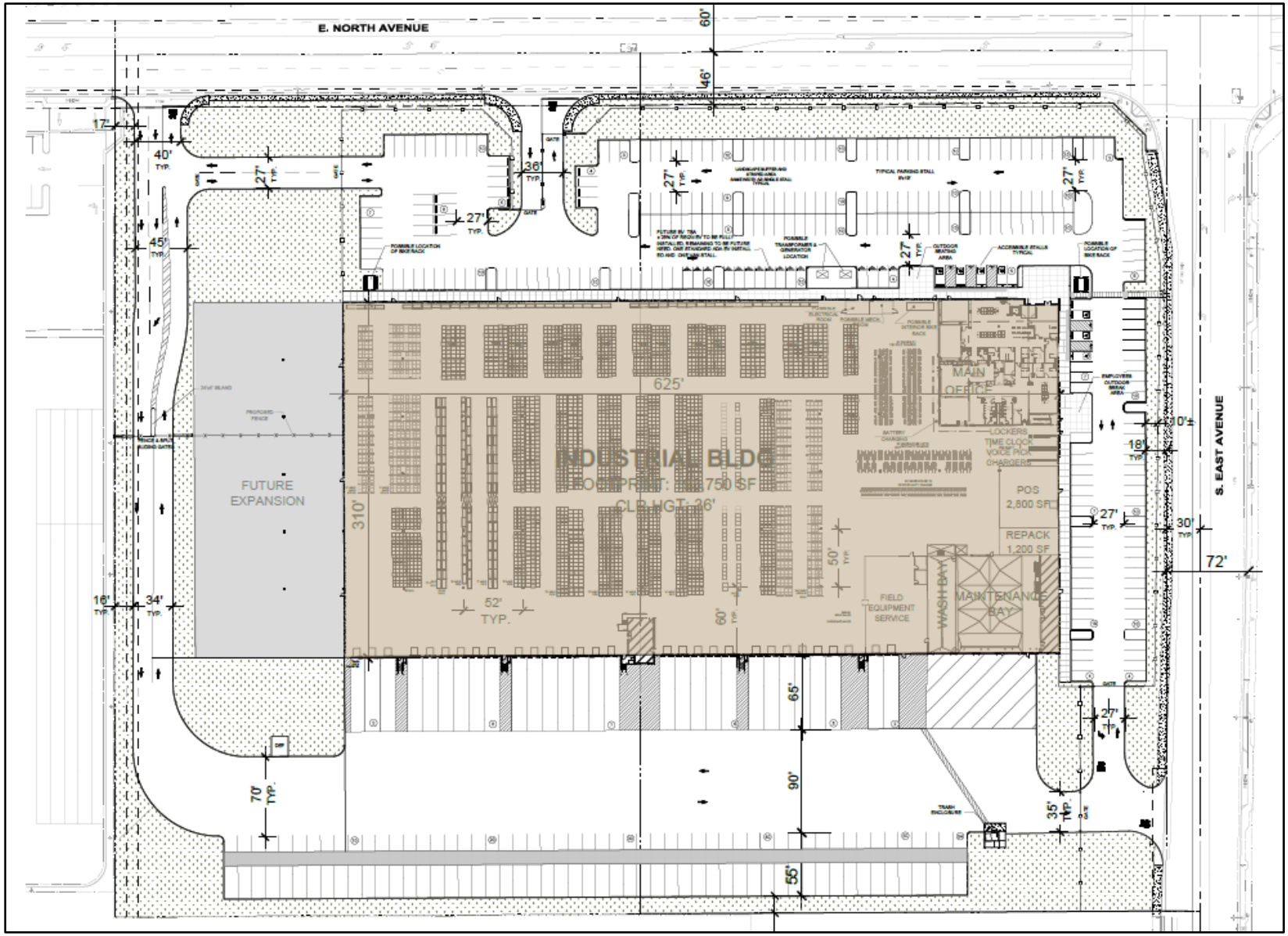
[9] Delivery route trips and 3rd party deliveries are calculated using 2 trips per day (one inbound, one outbound). Delivery route trucks would depart between 4:00 a.m. and 6:00 a.m. and would return between noon and 4:00 p.m., therefore all delivery route trips are outside of the peak hour. 3rd party deliveries are distributed equally throughout the day from 8:00 a.m. to 5:00 p.m. resulting in 11% of delivery trips during each peak hour.

Figure 1: Project Location



Source: Ware Malcomb

Figure 2: Project Site Plan



Source: Ware Malcomb

ENVIRONMENT | PLANNING | DEVELOPMENT SOLUTIONS, INC.

Date:	January 20, 2022
Prepared by:	Meghan Macias, TE
To:	Will Tackett, Manager of Current Planning Division City of Fresno
Site:	Reyes Fresno Warehouse EPD Project Number 21-147
Subject:	Vehicle Miles Traveled (VMT) Screening Analysis



This memo evaluates the need to prepare a Vehicle Miles Traveled (VMT) Analysis for the Reyes Fresno Distribution Center located at the southwest corner of S. East Avenue and E. North Avenue in the City of Fresno. The project is a build-to-suit distribution warehouse that would be occupied by Reyes Coca Cola Bottling. The total building area would be 205,264 square feet, including 181,915 square feet of warehouse and 23,349 square feet of office space. The project also includes a future expansion area of 40,300 square feet of warehouse. With the expansion area, the project would be 245,564 square feet. The project location is shown in Figure 1 and the project site plan is shown in Figure 2.

The evaluation in this memo was prepared according to the City of Fresno CEQA Guidelines for Vehicle Miles Traveled Thresholds[1].

Background

Senate Bill (SB) 743 was signed by Governor Brown in 2013 and required the Governor's Office of Planning and Research (OPR) to amend the CEQA Guidelines to provide an alternative to level of service (LOS) for evaluating Transportation impacts. SB743 specified that the new criteria should promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks and a diversity of land uses. The bill also specified that delay-based level of service could no longer be considered an indicator of a significant impact on the environment. In response, Section 15064.3 was added to the CEQA Guidelines beginning January 1, 2019. Section 15064.3 - Determining the Significance of Transportation Impacts states that Vehicle Miles Traveled (VMT) is the most appropriate measure of transportation impacts and provides lead agencies with the discretion to choose the most appropriate methodology and thresholds for evaluating VMT. Section 15064.3(c) states that the provisions of the section shall apply statewide beginning on July 1, 2020.

VMT Screening Analysis

The City's Guidelines provide criteria for projects that would be considered to have a less-than significant impact on VMT and therefore could be screened out from further analysis. If a project meets one of the following criteria, then the VMT impact of the project is considered less-than significant and no further analysis of VMT would be required:

1. The project is located within 0.5 miles of a Transit Priority Area or a High-Quality Transit Area.

2. The project involves local-serving retail space of less than 50,000 square feet (sf).

[1] City of Fresno, *CEQA Guidelines for Vehicle Miles Traveled Thresholds*, prepared by LSA Associates, Inc., June 25, 2020.

3. The project has a high level of affordable housing units.

4. The project generates a low volume of daily traffic.

5. The project is the development of institutional/government and public service uses that support community health, safety and welfare.

6. The project is located in a low VMT area based on VMT per capita or VMT per employee.

The applicability of each criterion to the proposed project is discussed below.

Screening Criteria 1 – Transit Priority Area: According to the City's guidelines, projects which are located within 0.5 miles of a Transit Priority Area (TPA) or a High-Quality Transit Area (HQTA) may be presumed to have a less-than-significant impact on VMT. This screening applies to projects that are consistent with the Regional Transportation Plan (RTP/SCS), have a floor area ratio (FAR) less than 0.75, and do not provide excessive amounts of parking. According to the Fresno County – VMT Screening Application[2] the project is not located within a TPA or HQTA; therefore, Criteria 1 would not be met.

Screening Criteria 2 – Local Serving Retail: This screening criteria applies to retail projects. Since the project proposes a distribution warehouse, Criteria 2 would not apply.

Screening Criteria 3 – Affordable Housing: This screening criteria applies to residential projects. Since the project proposes a distribution warehouse, Criteria 3 would not apply.

Screening Criteria 4 – Daily Trip Generation: The City's guidelines state that projects generating less than 500 daily vehicle trips would not be required to complete a VMT assessment. The project trip generation was evaluated using trip rates from the Institute of Transportation Engineers[3] and estimates of employees, route deliveries and 3rd party deliveries provided by Reyes (the project applicant). The ITE trip rates for "Warehouse" land use were used to estimate trip generation. According to the ITE description of "Warehousing", a warehouse "may also include office and maintenance areas". Because the trip rate includes supporting office, the office use was not calculated separate from the warehouse use. The project trip generation using estimates of operation provided by Reyes is also provided in Table 1. According to information provided by Reyes, the site would have 114 on-site employees. An additional 95 employees would be assigned to the site but would work remotely (Merchandisers and Sales and Marketing Employees). There would also be delivery routes originating at the project site and 3rd party deliveries.

As shown in Table 1, based on ITE trip rates the project would generate 420 daily trips. When the project is evaluated using operations data, the daily trip generation would be 481 daily trips. Using either method, the project would generate fewer than 500 daily trips. Therefore, the project would meet Screening Criteria 4 – Daily Trip Generation. Based on the daily trip generation, the project would be presumed to have a less than significant VMT impact and would not require further analysis.

[2] https://gis1.lsa.net/FCOGVMT/

[3] Institute of Transportation Engineers (ITE) *Trip Generation*, 11th Edition (2021)

Table 1: Project Trip Generation

				AM Peak Hour			PM Peak Hour		
Land Use			**Daily**	**In**	**Out**	**Total**	**In**	**Out**	**Total**
Trip Generation Based on ITE Trip Rates									
Trip Rates									
Warehouse[1]		Per TSF	1.71	0.13	0.04	0.17	0.05	0.13	0.18
Project Trip Generation (Total Trips)									
Total Project Trip Generation	245.564	TSF	420	32	10	42	12	32	44
Trip Generation Based on Operational Data [2]									
Project Trip Generation (Total Trips)									
Passenger Car Trips									
Delivery Drivers (60 Drivers)[3]			120	0	0	0	0	0	0
On-Site Employees (70 Employees)[4]			158	0	0	0	25	0	25
Part-Time (2 Days/Week) On-Site Employees (15 Employees)[5]			14	14	0	14	0	14	14
Remote Workers On-Site Weekly (55 Employees)[6]			25	25	0	25	0	25	25
Remote Workers On-Site Monthly (50 Employees)[7]			6	6	0	6	0	6	6
Total Passenger Car Trips			321	44	0	44	25	44	69
Truck Trips									
RCCB Fresno Daily Routes (50/day)[8]			100	-	-	-	-	-	-
3rd Party Deliveries[8]			60	3	3	6	3	3	6
Total			160	3	3	6	3	3	6
Total Project Trip Generation			481	47	3	50	28	47	75

TSF = Thousand Square Feet

[1] Trip rates from the Institute of Transporation Engineers, Trip Generation,11th Edition, 2021. Land Use Code 150 - Warehousing.

[2] Estimates of employees, routes and 3rd party deliveries provided by Reyes Holdings LLC.

[3] Delivery drivers would work 5 days per week. There would be 2 shifts per day from 4:00 AM - 2:00 PM and from 5:00 AM - 3:00 PM. Delivery drivers would not arrive or depart during the peak hours.

[4] Daily employee trips assume all employees drive alone and that up to 25 percent of employees will leave work during the day for lunch or other personal reasons. A rate of 2.25 trips per employee is used for all employees in the office on a given day. All employee shifts would start and end outside of peak commute periods except for 25 employees who would work from 5:00 PM - 1:30 AM 5 days per week.

[5] A rate of 0.9 trips per employee per day is used for part time (2 days/week) employees. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 2 days per week/5 day week.

[6] A rate of 0.45 trips per employee per day is used for employees who are on site 1 day per week. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per week/5 day week.

[7] A rate of 0.1125 trips per employee per day is used for employees who are on site 1 day per month. This is calculated assuming 2.25 trips per employee each day the employee is on-site and was calculated as follows: 2.25 trips/employee x 1 days per month/20 day

[8] Delivery route trips and 3rd party deliveries are calculated using 2 trips per day (one inbound, one outbound). Delivery route trucks would depart between 4:00 a.m. and 6:00 a.m. and would return between noon and 4:00 p.m., therefore all delivery route trips are outside of the peak hour. 3rd party deliveries are distributed equally throughout the day from 8:00 a.m. to 5:00 p.m. resulting in 11% of delivery trips during each peak hour.

Screening Criteria 5 – Community or Public Services use: According to the City's guidelines, projects that construct institutional/government and public service uses that support community health, safety and welfare may be presumed to have a less than significant impact. The project is not a community or public service land use. Therefore, Screening Criteria 5 does not apply.

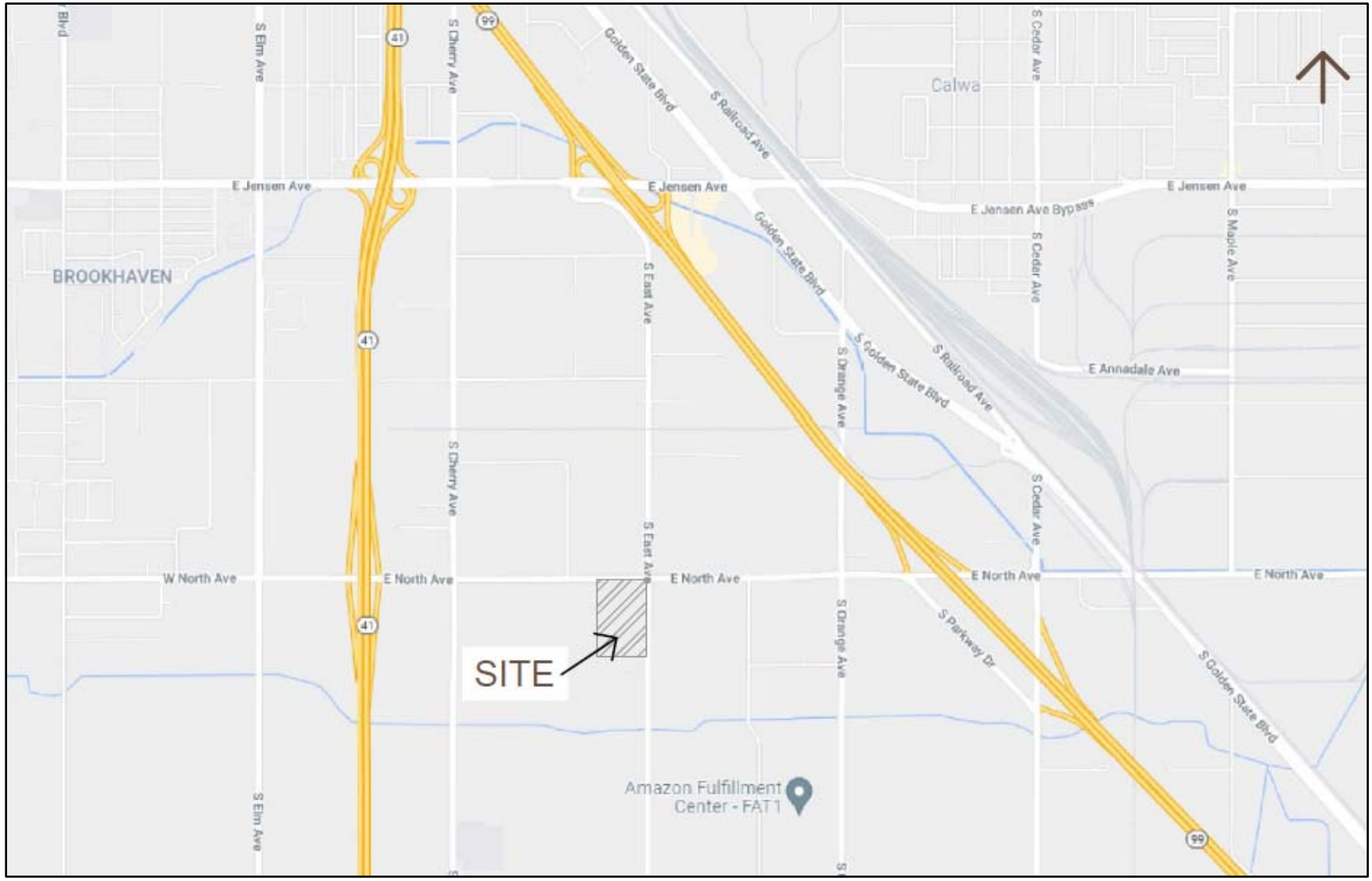
Screening Criteria 6 - Low VMT Area Screening: The City's guidelines include a screening threshold for residential and office projects located in a low VMT generating area. The project site was evaluated using Figure 7 in the City's VMT guidelines. For employment projects, the City's threshold of significance is 13 percent below Fresno County VMT per Employee. As shown in the City's screening map, the project is in an area with a VMT per Employee of less than 22.3, which would be more than 13 percent below Fresno County VMT per employee. The City's low VMT screening map for employee VMT is provided in Attachment A.

The City's guidelines note that the California Governor's Office of Planning and Research Technical Advisory (2018) states that the low VMT Area screening may apply to residential and office projects. However, the VMT/Employee calculated by the regional travel demand model does not separate employment trips by the type of employment (e.g. office employment vs. industrial employment). The VMT/Employee indicated for a particular zone would be the VMT/Employee generated by the land uses assumed in that zone in the RTP/SCS. Because the underlying land use in the project zone is industrial, and the project proposes to construct industrial land use, the project VMT/Employee would be consistent with the VMT/Employee reported in the City's screening maps. The project would be in a low-VMT area when VMT/Employee is considered and therefore should screen out of further VMT analysis under Screening Criteria 6 – Low VMT Area Screening.

As noted in the previous discussion, the project would generate fewer than 500 daily trips. The project is also located in a low VMT area based on VMT/Employee. Therefore, per the City's VMT guidelines, the VMT impacts of the project would be considered less than significant and no further VMT analysis should be required for the project.

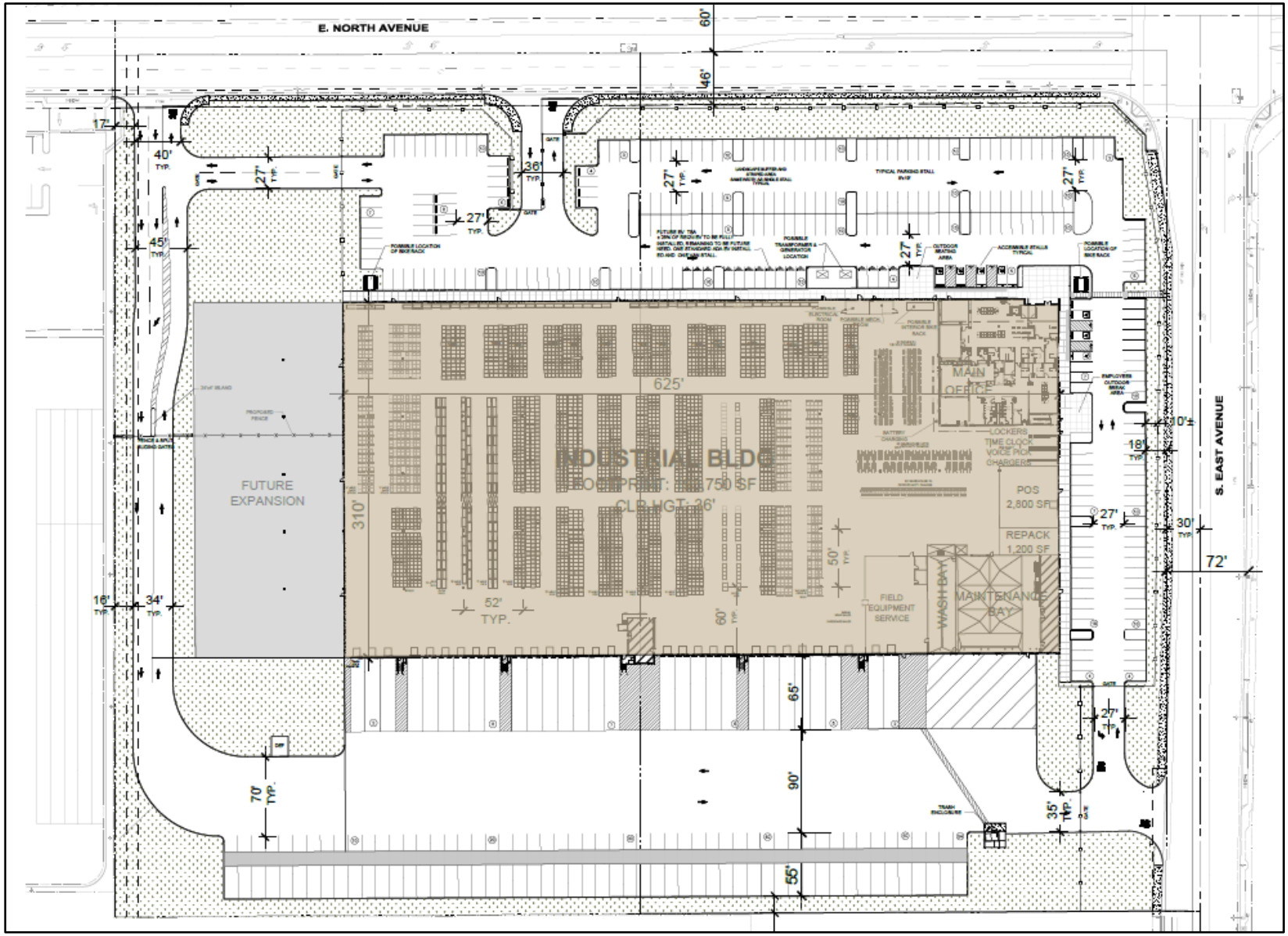
If you have any questions about this evaluation, please contact me at (949) 794-1186 or at meghan@epdsolutions.com.

Figure 1: Project Location



Source: Ware Malcomb

Figure 2: Project Site Plan



Source: Ware Malcomb

Attachment A: City of Fresno – Existing VMT per Employee

