City of Manteca
Development Services Department

TPC West Apartments
Modified Initial Study/15183 Checklist

October 2025

Prepared by

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MODIFIED INITIAL STUDY/15183 CHECKLIST
OCTOBER 2025

A. BACKGROUND

1. Project Title: TPC West Apartments

2. Lead Agency Name and Address: City of Manteca
Planning Division
1215 West Center Street
Manteca, CA 95337

3. Contact Person and Phone Number: Toben Barnum
Associate Planner
(209) 456-8500

4. Project Location: 1758 West Yosemite Avenue, Manteca, CA
Manteca, CA 95337
Assessor Parcel Number (APN) 222-050-050

5. Project Sponsor's Name and Phone Number: Lauren Alexander
(650) 465-8782
The Armony Companies

6. General Plan Designation: Commercial (C)

7. Existing Zoning Designation: Commercial Mixed Use (CMU)

8. Surrounding Land Uses and Setting:

The 9.29-acre project site, identified by APN 222-050-050 is located at 1758 West Yosemite Avenue, east of the intersection of West Yosemite Avenue and Fishback Road in the City of Manteca. The project site is currently developed with a single-family residence, detached garage, and four ancillary structures along the eastern boundary of the site; the remainder of the site is undeveloped. Surrounding existing land uses include a residential project currently under construction to the south, Sierra High School further south, single-family residences to the east, northeast, and west, and Kaiser Medical Center to the north. The City of Manteca General Plan designates the site as C and the site is currently zoned CMU.

9. Project Description Summary:

The TPC West Apartments project (proposed project) includes the development of a 216-unit multi-family residential community with six, three-story apartment buildings. The proposed site plan consists of six multi-family residential buildings with one, two, and three-bedroom units ranging from 644 to 1,204 square feet (sf) in size. A total of two of the 216 units would be for property managers. On-site amenities include a community

center, pool, tot lot, dog run and open space for recreation. The project would require approval of a Site Plan and Design Review.

10. Status of Native American Consultation Pursuant to Public Resources Code Section 21080.3.1:

    Assembly Bill (AB) 52 (Public Resources Code [PRC] Section 21080.3.1) notification to tribes is not required for the proposed project given that this checklist determines additional environmental review is not required for the project, consistent with CEQA Guidelines Section 15183.

B. INTRODUCTION

This Modified Initial Study/15183 Checklist identifies and analyzes the potential environmental impacts of the proposed project. The information and analysis presented in this document is organized in accordance with the order of the California Environmental Quality Act (CEQA) checklist in Appendix G of the CEQA Guidelines.

On July 18, 2023, the City of Manteca approved the City of Manteca General Plan 2043 (General Plan)[1] and certified the associated Manteca General Plan Update Environmental Impact Report (General Plan EIR).[2] The General Plan EIR is a program EIR, prepared pursuant to Section 15168 of the CEQA Guidelines (Title 14, California Code of Regulations [CCR], Sections 15000 *et seq*.). The General Plan EIR analyzed full implementation of the General Plan and identified measures to mitigate the significant adverse impacts associated with the General Plan. Under Sections 15168 and 15183 of the CEQA Guidelines, the program EIR, in this case the City's certified General Plan EIR, serves as a basis for this Modified Initial Study to determine if project-specific impacts would occur that are not adequately covered in the previously certified EIR.

The proposed project is consistent with the City's General Plan land use designation of C and meets the density requirements of 20.1 to 30 units per acre. The 9.29-acre site would be developed with 216 residential apartments, with a proposed density of 23 units per net acre, which is consistent with the 20.1 to 30 dwelling units per acre (du/ac) allowed by the City's land use designation. Similarly, the proposed project is consistent with the CMU zoning designation which allows for substantial flexibility in selecting dwelling unit types and parcel configurations to suit site conditions and housing needs.

Under Section 15183 of the CEQA Guidelines, where a project is consistent with the use and density established for a property under an existing general plan or zoning ordinance for which the City has already certified an EIR, additional environmental review is not required "except as might be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site." If such requirements are met, the examination of environmental effects is limited 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;

[1] City of Manteca. *City of Manteca General Plan 2043.* April 2023.
[2] City of Manteca. *Manteca General Plan 2043 Environmental Impact Report, SCH No. #2002042088.* November 2022.

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.

This Modified Initial Study/15183 Checklist indicates whether the proposed project would result in a significant impact that: (1) is peculiar to the project or the project site; (2) was not identified as a significant effect in the certified General Plan EIR; or (3) are previously identified significant effects which as a result of substantial new information that was not known at the time that the General Plan EIR was certified, are determined to have a more severe adverse impact than discussed in the General Plan EIR.

Regarding "peculiar" impacts, CEQA Guidelines Section 15183(f) states the following:

> 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.

Based upon CEQA Guidelines Section 15183(f), this Modified Initial Study/15183 Checklist identifies the City of Manteca General Plan Policies that apply to the development of the proposed project and have been determined in the General Plan EIR to substantially mitigate environmental effects. To the extent that the General Plan Policies and/or actions substantially mitigate a particular project impact, the impact shall not be considered peculiar, pursuant to CEQA Guidelines Section 15183(f), thus eliminating the requirement for further environmental review.

With regard to CEQA Guidelines Section 15183(b)(3), the proposed project would not result in potentially significant off-site impacts as off-site improvements are not required within previously undisturbed areas. The proposed project would also not result in potentially significant cumulative impacts which were not evaluated in the City's General Plan EIR, as would be expected for a project that is consistent with the General Plan land use designation. This is demonstrated in the analysis contained within this Modified Initial Study/15183 Checklist.

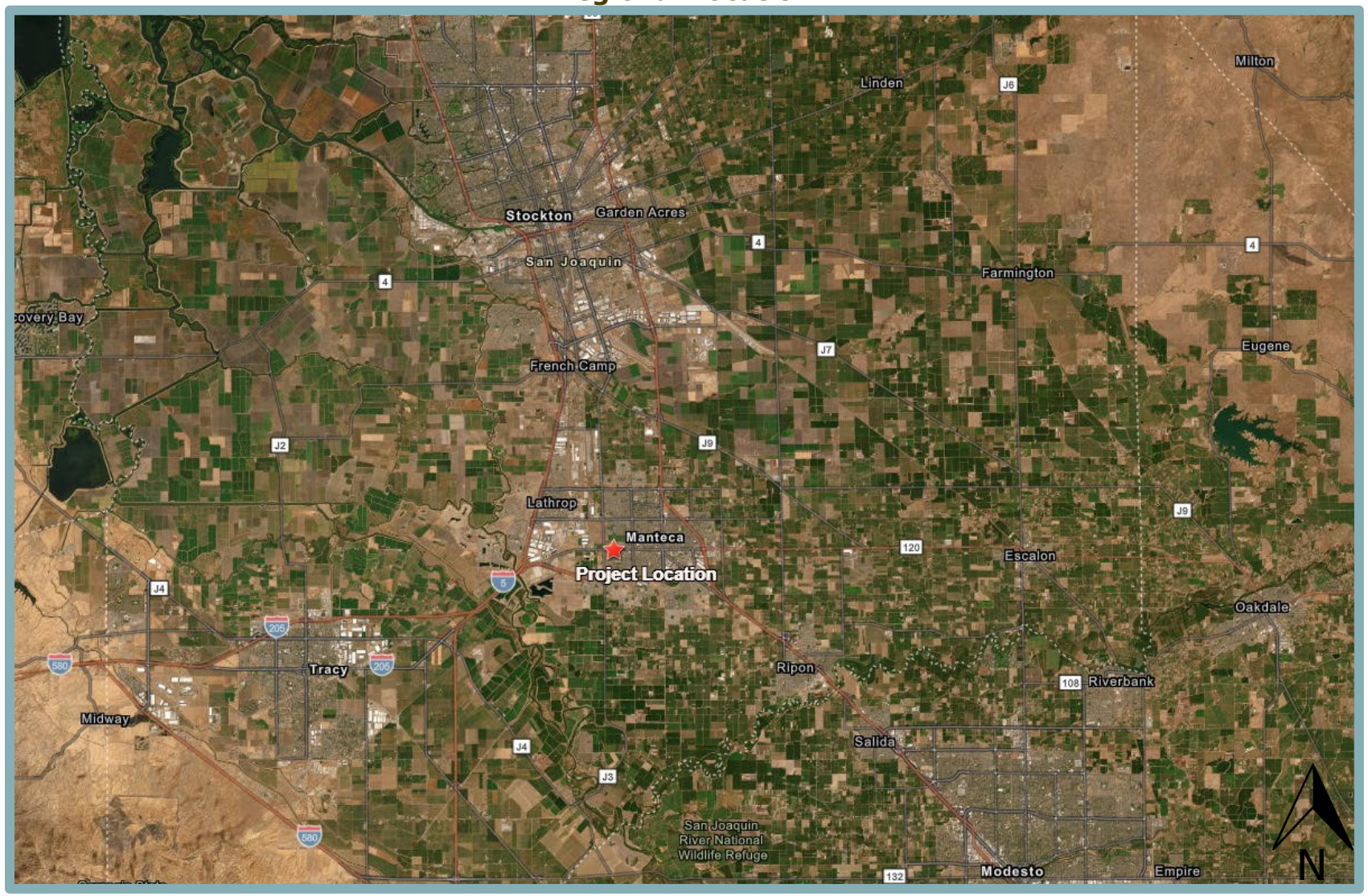
C. PROJECT DESCRIPTION

The following provides a description of the project site's current location and setting, as well as the proposed project components and the discretionary actions required for the project.

Project Location

The City of Manteca is located within San Joaquin County. The City of Stockton is immediately to the north of the City of Manteca, with the city limits of the respective cities separated by less than two miles. The City of Lathrop sits immediately to the west of the City of Manteca. To the east and south of the City of Manteca limits are unincorporated portions of San Joaquin County (see Figure 1). The project site is located east of the intersection of West Yosemite Avenue and Fishback Road. The project site consists of one parcel totaling approximately 9.29-acres located at 1758 West Yosemite Avenue, within the City of Manteca, California.

Figure 1
Regional Location



Project Setting and Surrounding Land Uses

The following sections describe the existing setting of the project site and the surrounding land uses in the project vicinity.

Project Site Setting

The City's General Plan designates the entirety of the project site as C. The site is zoned CMU. Currently, the site consists of a single-family residence, detached garage, and four ancillary structures along the eastern boundary of the site; the remainder of the site is undeveloped. Additionally, a Pacific Gas and Electric (PG&E) easement is located along the southern portion of the site. The site also includes two South San Joaquin Irrigation District (SSJID) easements. One of the SSJID easements is proposed to be quitclaimed. The other is an access easement located along the western boundary of the site. The site is rectangular, with a flat terrain typical of agricultural uses (see Figure 2).

Surrounding Land Uses

As shown in Figure 2, surrounding existing land uses include single-family residences to the south with Sierra High School located further south, across Thomas Street; single-family residences to the east, northeast, and west; and Kaiser Medical Center to the north.

Project Components

The proposed project would include the demolition of all existing on-site structures and the construction of six, three story apartment buildings totaling 216 units. The proposed project components, including the site plan, site access and circulation, landscaping, and utilities, are discussed in further detail below.

Site Plan

The site plan includes 216 residential apartments, as well as associated site improvements (see Figure 3). The proposed site plan consists of six multi-family residential buildings with one- two- and three-bedroom units ranging from 644 to 1,204 sf in size. The average density of the proposed residential development would be approximately 23 du/ac. Two of the 216 units would be for property managers. Additionally, on-site amenities such as a community center with a pool, tot lot, and an open space area would be centrally located on the site. Additional project improvements would include parking and site access improvements, including new street lighting, landscaping, and utility installation, as discussed below.

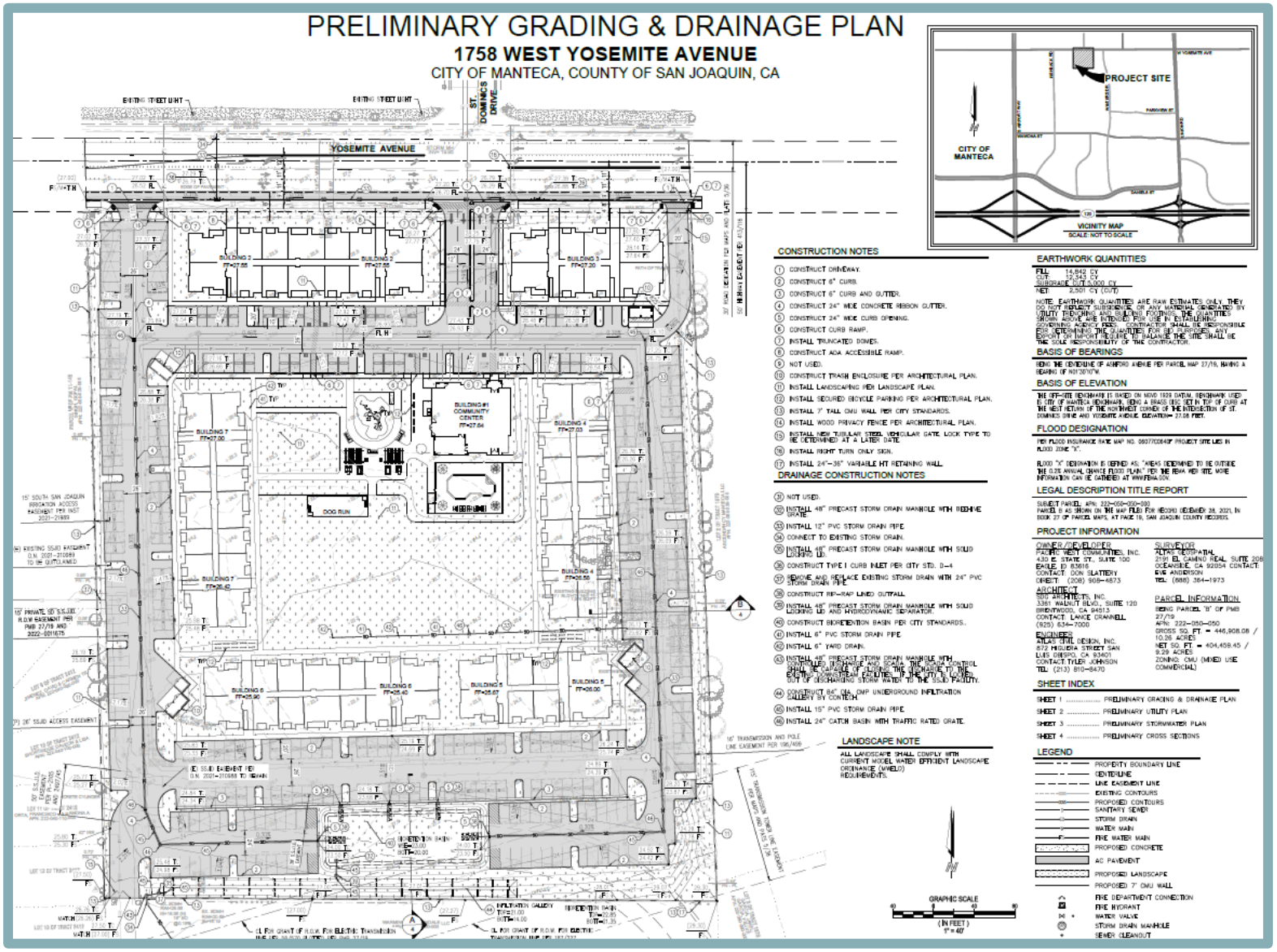
Parking, Access, and Circulation

Access to the project site would be provided by way of West Yosemite Avenue, located along the project site frontage to the north. Specifically, primary access to the project site would be provided by a four-lane entry/exit point, with two lanes totaling 24 feet for entry and two lanes totaling 24 feet for exit. The entry and exit lanes would be separated by a median. The driveway would function as the south leg to the existing West Yosemite Avenue/St. Dominics Drive intersection. The exit lanes would be a left-turn lane and a shared through-right turn lane. In addition, a new 26-foot-wide driveway would be located at the northwestern corner of the site, which would permit right-turns into and out of the site, as well as left-turns into the site. However, left-turns from the driveway onto westbound Yosemite Avenue would be prohibited. The proposed project would also include an approximately 20-foot-wide emergency vehicle access (EVA) in the northeastern portion of the project site. From the project access points, internal vehicle circulation would be provided by 26 and 24-foot-wide drive aisles between on-site buildings and parking areas.

Figure 2
Project Location



Figure 3
Site Plan



It should be noted that frontage improvements would be required along West Yosemite Avenue in order to ensure safe access to the project site. Specifically, the proposed project would include the construction of a raised median on West Yosemite Avenue, extending west beyond the project driveway, with a break at St. Dominics Drive to allow left-turn movements into the St. Dominics Drive roadway. The intersection of Saint Dominics Drive and West Yosemite Avenue would be signalized in accordance with the Public Facilities Implementation Plan (PFIP). Lastly, the proposed project would also include the construction of a left turn pocket for vehicles making an eastbound left-turn into the Kaiser Medical Center. The proposed project would also be required to construct a Class IV separated bike lane along the project frontage west of St. Dominic's Drive and sidewalk along the entire project frontage, consistent with the PFIP.

Landscaping

Landscaping would be provided along the project frontage, as well as throughout the site. On-site landscaping would include new trees, shrubs and ground cover. All landscaping would be implemented per the current City of Manteca Standards and Specifications for Landscape Design and the Model Water Efficient Landscape Ordinance (MWELO). The existing trees in the southeast corner of the project site would be removed and utility easements would be kept clear of trees.

Utilities

All utility improvements would be constructed in accordance with the design standards specified by the City's Municipal Code. The City would serve as the water, storm drainage, and sewer services provider for the proposed project and would connect to existing infrastructure in the project vicinity. PG&E would provide electricity to the site.

Specifically, with regard to water infrastructure, the proposed project would connect to the existing water main located in West Yosemite Avenue, by way of a new four-inch domestic water line, one-inch irrigation water line, and eight-inch fire flow line, which requires two points of connection to the City's water main. From the point of connection, internal water lines would be constructed throughout the project site. Similarly, the proposed project would connect to the existing sanitary sewer manhole located in St. Dominics Drive by way of a new eight-inch sewer main, which would connect to new internal sewer lines within the project's interior streets (see Figure 4).

Additionally, as shown in the Project Stormwater Plan (Figure 5) prepared for the proposed project, the project site would be divided into three drainage management areas (DMAs), with the majority of the site, and all impervious surfaces on-site, located within DMA-1. As shown in Figure 5, stormwater runoff from the on-site impervious surfaces would be directed through a network of storm drain lines to the on-site bioretention area located within the southern portion of the project site. In addition to the bioretention area, the project site would be required to attenuate on-site storm runoff and meter the discharge into the existing storm drain system. In lieu of attenuation, the project could expand the existing storm drainage basin at the southerly property line to retain the project's storm water volume. The remaining DMAs would include landscaped areas of the site, in which stormwater would be anticipated to percolate into the pervious soils.

Site Plan and Design Review

The proposed project would require the City's approval of a Site Plan and Design Review, pursuant to Section 17.10.060 of the City's Municipal Code. As defined in Chapter 17.10 of the Municipal Code, a Site Plan and Design Review is a process to promote excellence in site planning and design, to encourage the harmonious appearance of buildings and sites, to ensure that new and modified uses and development will be compatible with the existing and potential development of the surrounding area, and to produce an environment of stable, desirable character.

Figure 4
Preliminary Utility Plan

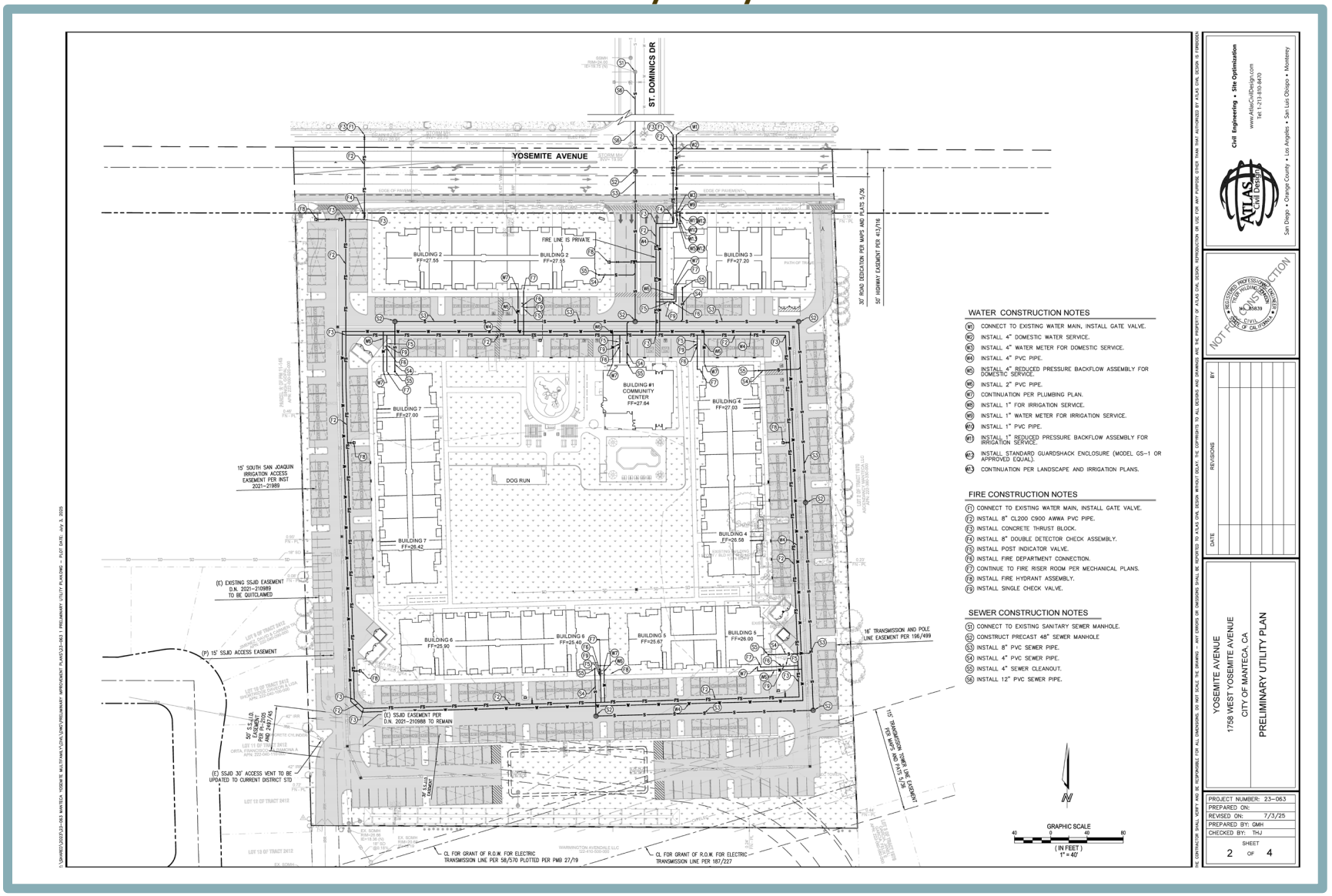
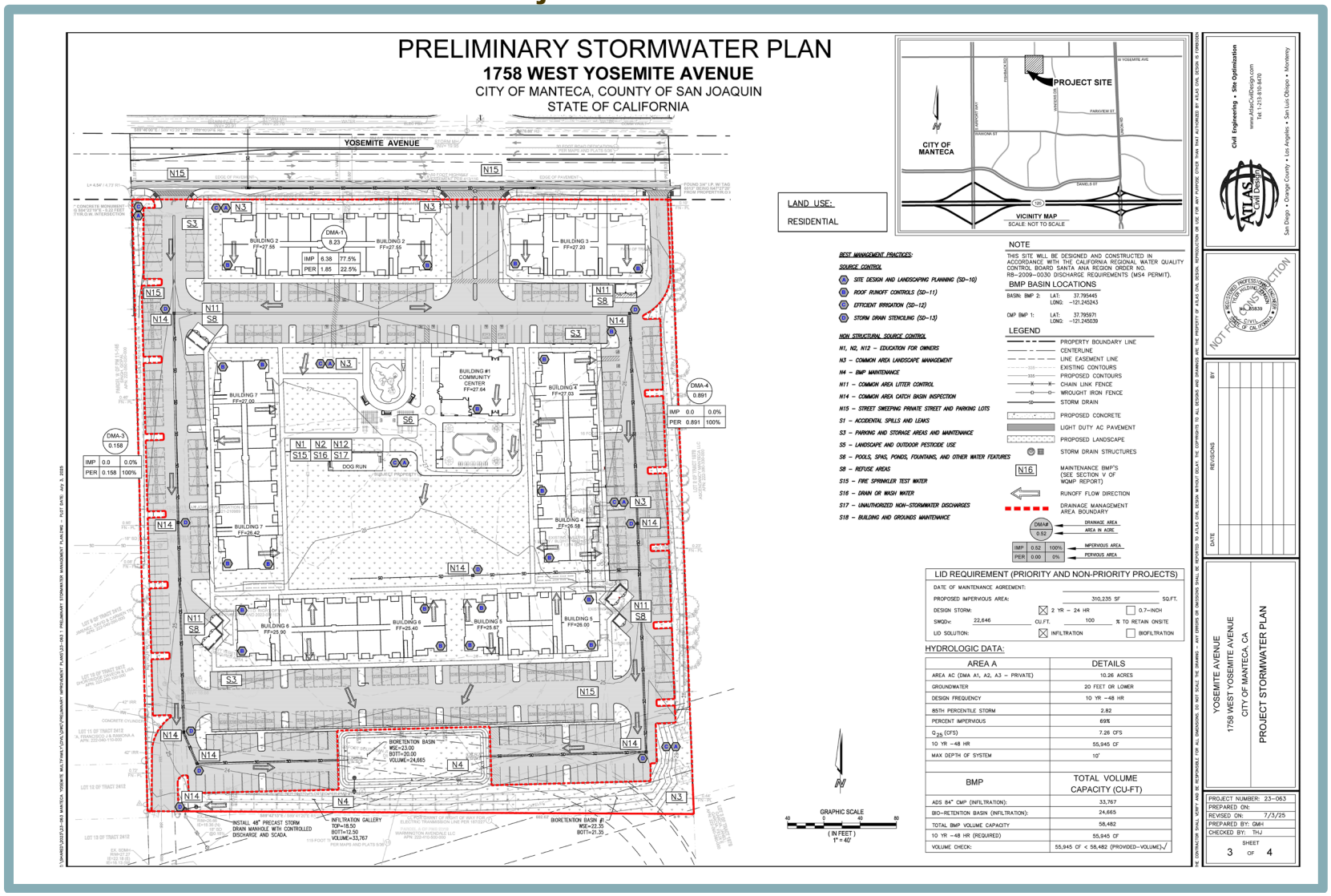


Figure 5
Project Stormwater Plan



Discretionary Actions

The proposed project would require the following approval:

- Site Plan and Design Review

This Modified Initial Study/15183 Checklist may be used by responsible agencies and trustee agencies that may have approval authority over the proposed project (i.e., to issue permits). The project applicant would obtain all necessary permits, as required by law

The following are the responsible agencies and trustee agencies for the proposed project:

- California Department of Fish and Wildlife (CDFW);
- Central Valley Regional Water Quality Control Board (CVRWQCB); and
- San Joaquin Valley Air Pollution Control District (SJVAPCD).

D. CEQA COMPLIANCE

This Modified Initial Study/15183 Checklist provides the evidence required that the certified General Plan EIR environmental determinations are applicable to the proposed project. The following is an overview of the steps followed for the environmental review of the proposed project.

- Review the proposed project in the context of the impact analysis and mitigation measures contained in the City's certified General Plan EIR.
- Identify adopted mitigation measures from the General Plan EIR that apply to the proposed project.
- Identify uniformly applied development policies or standards that have been previously adopted by the City with a finding that the development policies or standards will substantially mitigate that environmental effect when applied to the proposed project.

E. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

On the basis of the following initial evaluation, the City has determined that the proposed project is consistent with the General Plan, and has been adequately addressed in the certified General Plan EIR. All project impacts have been determined to be less than significant, or can be mitigated to a less-than-significant level given required compliance with General Plan Policies or mitigation measures included in the General Plan EIR.

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

F. DETERMINATION

On the basis of this Modified Initial Study/15183 Checklist

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

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

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

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

☒ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, further environmental review is not required.

Signature	Date
Toben Barnum, Associate Planner	City of Manteca
Printed Name	For

G. ENVIRONMENTAL CHECKLIST

The following modified checklist is based on the environmental checklist form presented in Appendix G, Environmental Checklist Form, of the CEQA Guidelines. The modified checklist form is used to describe the impacts of the proposed project. A discussion follows each environmental issue identified in the checklist. For this checklist, the following designations are used:

Significant Impact Peculiar to the Project or Project Site: An impact that could be significant due to something peculiar to the proposed project or the project site that was not previously identified in the certified General Plan EIR. If any potentially significant impacts are identified, an EIR must be prepared to analyze such impacts.

Significant Impact due to New Information: Any significant impact that was not analyzed or discussed as significant in the certified General Plan EIR or any impact that new information which was not known at the time the prior EIR was prepared shows is more severe than previously discussed. Where such impacts are identified, an additional CEQA document must be prepared to analyze such impacts.

Impact Adequately Addressed in General Plan EIR: Impacts previously evaluated in the City's certified General Plan EIR that would not change from what was evaluated previously. This designation applies in cases where implementation of the proposed project would not result in a new significant impact, a substantially increased significant impact, or a peculiar impact that was not analyzed in the certified General Plan EIR.

I. AESTHETICS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Have a substantial adverse effect on a scenic vista?	☐	☐	✖
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	☐	☐	✖
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	✖
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR evaluated the General Plan's potential impacts to aesthetics, including scenic vistas, scenic resources, visual character and quality, and light and glare, starting on page 3.1-1. The Manteca General Plan does not designate official scenic view corridors or vistas. According to the California Scenic Highway Mapping System, the project site is not located within the vicinity of an officially designated State Scenic Highway. The General Plan includes relevant goals and policies, listed below (see Table 1), that would preserve scenic views within the City, including policies requiring protection of the City's natural environment and preserving scenic features and view corridors of open space and agricultural land. Thus, the General Plan EIR concluded that adherence to applicable General Plan Policies, impacts to scenic vistas and resources as well as visual character and quality of the surrounding area would not have a substantial adverse effect, and the impact would be less than significant. Additionally, compliance with Manteca Municipal Code 17.50.060 would help to ensure that implementation of the General Plan would result in less-than-significant impacts regarding light or glare.

General Plan Policies

Table 1 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to aesthetics.

Table 1
Applicable General Plan Policies: Aesthetics

Policy
Policy LU-3.2 Require the design of new residential development to be consistent with any applicable design guidelines, including complete streets standards, to ensure harmony with Manteca's unique character and compatibility with existing surrounding land uses.
Policy Lu-3.8 Where planned residential areas and expansions of existing residential neighborhoods interface with commercial, industrial, agricultural industrial, and other non-residential development, require that the proposed development be designed to maximize the compatibility between the uses and reduce any potentially significant or significant impacts associated with aesthetics, land use and planning, air quality,

(Continued on next page)

Table 1
Applicable General Plan Policies: Aesthetics

Policy
noise, safety, odor, and lighting that are identified through the California Environmental Quality Act (CEQA) review to less than significant.
Policy LU-10-1 Promote the provision of both public and private open space within Manteca to provide visual contrast with the built-environment and to increase recreational opportunities for Manteca residents. Private open space shall not be considered for public use, other than as visual open space, and shall not be constrained from other uses as identified in the General Plan, unless as provided for by agreement with the land owner.
Policy LU-10.2 Protect those environmental features that make Manteca an attractive and desirable place to live, work, play, and visit.
Policy LU-10.3 Protect significant open space and/or habitat areas for their ecological, educational, scenic, and recreational values.
Policy LU-11.1 Protect Agricultural land from urban development except where the General Plan Land Use Map has designated the land for urban uses
Policy CD-1.1 Require development projects to preserve positive characteristics and unique features of the site and consider the scale and character of adjacent uses.
Policy CD-1.4 Emphasize native, drought-tolerant landscaping as a fundamental design component, retaining mature landscaping when appropriate, to reinforce a sense of the natural environment and to maintain an established appearance.
Policy CD-1.5 Require property owners to maintain structures and landscaping to high standards of design, health, and safety.
Policy CD-2.7 Ensure that new development and redevelopment reinforces desirable elements of its neighborhood, district, or center, including architectural style, scale, and setback patterns.
Policy CD-2.9 Design retention/detention basins to be visually attractive and well-integrated with any associated project and with adjacent land uses.
Policy CD-2.11 Encourage the incorporation of lighting into signage design when appropriate in order to minimize glare and light spillage while accentuating the design of the signage.
Policy CD-5.4 To retain a visual reminder of the city's agricultural heritage, permit the use of non-fruiting species, such as flowering pear and plum, as secondary accent trees in landscape corridors along major streets..
Policy CD-8.1 To the extent possible, require new development to retain or incorporate visual reminders of the agricultural heritage of the community.

Discussion

a,b. Examples of typical scenic vistas include mountain ranges, ridgelines, or bodies of water as viewed from a highway, public space, or other area designated for the express purpose of viewing and sightseeing. In general, a project's impact to a scenic vista would occur if development of the project would substantially change or remove a scenic vista.

According to the California Scenic Highway Mapping System, the project site is not located within the vicinity of an officially designated State Scenic Highway.[3] The project site is located east of the intersection of West Yosemite Avenue and Fishback Road in the City of Manteca, California. Surrounding existing land uses include single-family residences to the south with Sierra High School located further south, across Thomas Street; single-family residences to the east, northeast, and west; and Kaiser Medical Center to the north. The General Plan EIR concluded that residential development throughout the City would be similar in character to any existing residences in the immediate vicinity, and thus, the proposed project would be visually compatible with the existing residential developments to the south, east, west, and northwest of the project site. Thus, the project site is not subject to any peculiar circumstances that would result in new impacts related to scenic vistas and State Scenic Highways relative to what has been analyzed in the General Plan EIR. In addition, the proposed project would be required to comply with the General Plan Polices and goals listed above in Table 1. Furthermore, the residential development of the site has been anticipated and analyzed in the General Plan EIR.

Based on the above, impacts resulting in a substantial adverse effect on a scenic vista and substantially damaging scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State Scenic Highway, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, pursuant to CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. As described in the General Plan EIR, Manteca's visual character is shaped by its agricultural heritage and suburban development pattern and would not be impacted if the development proposed in the City's General Plan occurs. Residential development throughout the City would be similar in character to any existing residences in the immediate vicinity. Thus, with the implementation of General Plan Polices, the General Plan EIR concluded that the buildout of the General Plan would result in a less-than-significant impact on visual character and quality.

Currently, the project site is developed with a single-family residence, detached garage, and four ancillary structures along the eastern boundary of the site; the remainder of the site is undeveloped. Pursuant to the City's General Plan, the entirety of the project site is designated Commercial and the site is zoned CMU. Currently, the site consists of partially developed land with a relatively flat terrain. Public views of the project site are available to pedestrians and motorists traveling on adjacent roadways.

The proposed project would develop the project site with six multi-family residential buildings for a three-story residential community with 216 units. As discussed above, the General Plan EIR concluded that residential development throughout the City would be similar in character to any existing residences in the immediate vicinity, and thus, the proposed project would be visually compatible with the existing residential developments to the south, east, west, and northwest of the project site. The proposed project is consistent with the General Plan land use and zoning designations of the project site, and would comply with all applicable development standards required by the City, including standards related to building height, lot area, setbacks, and building design. Furthermore,

[3] Department of Transportation. *List of Eligible and Officially Designated State Scenic Highways.* Available at: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways. Accessed January 2024.

the proposed project would incorporate landscaping throughout the project site. Additionally, the proposed project would be subject to a Site Plan and Design Review, pursuant to Section 17.10.060 of the City's Municipal Code, which would allow the City to review all development, signs, buildings, structures, and other facilities associated with the proposed project.

Given that the proposed project would be consistent with the site's General Plan Commercial designation, and meet the density requirements of 20.1 to 30 du/ac, buildout of the project site and associated changes to the visual character and quality of the site have been anticipated by the City and analyzed in the General Plan EIR. Because the project site does not contain any unique features, and is surrounded by existing urban development, the project site is not subject to any peculiar circumstances that would result in new impacts related to the existing visual character or scenic quality relative to what has been analyzed in the General Plan EIR. Furthermore, the proposed project would comply with applicable General Plan Policies including LU-3.2, which requires the design of new residential developments to be consistent with any applicable design guidelines to ensure harmony with Manteca's unique character and compatibility with existing surrounding land uses. Compliance with such policies would help ensure that the proposed project would not substantially degrade the character or quality of the site or its surroundings, including views of the site from the roadways.

Based on the above, impacts related to conflicting with applicable zoning and other regulations governing scenic quality were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. The project site is developed with a single-family residence, detached garage, and four ancillary structures along the eastern boundary of the site; the remainder of the site is undeveloped. Existing sources of light and glare are present on-site, and several existing sources of light are currently present in the project vicinity, including headlights from vehicles travelling on nearby roadways, streetlights along West Yosemite Avenue and Fishback Road, and lighting associated with nearby residences and commercial uses.

Development of the project site with 216 new units would involve sources of light associated with interior light spilling through windows, vehicle headlights entering and exiting the project site, exterior lighting, and street lighting within the development area. However, the new sources of light and glare would be consistent with the type of lighting anticipated for the project site pursuant to the City's General Plan land use and zoning designations for the site. Development of the project site would be consistent with General Plan Policy CD-2.11, which would encourage the incorporation of lighting into signage design when appropriate in order to minimize glare and light spillage. In addition, all new lighting for the proposed project must be in compliance with Section 17.50, Lighting, of the City's Zoning Ordinance, which ensures all lighting will be designed, located, installed, and directed downward or toward structures, in order to prevent glare and light pollution. Additionally, development of the project site requires the preparation of an outdoor lighting plan as part of the Site Plan and Design Review. A preliminary outdoor lighting plan is required for all new outdoor lighting installations on commercial, mixed-use, multi-unit residential, industrial, and institutional properties. At minimum, an outdoor lighting plan shall include the following: manufacturer spreadsheets for all proposed outdoor light fixtures to show fixture diagrams and outdoor light output levels; the proposed location

mounting height, and aiming point of all outdoor lighting fixtures; if building elevations are proposed for illumination, drawings of all relevant building elevations showing the fixtures, portions of the elevations to be illuminated, illumination level of elevations, and the aiming point for any remote light fixture; and photometric data including a computer-generated grid showing foot-candle readings every 10 feet within the property or site and 10 feet beyond the property lines.

Pursuant to the General Plan EIR, new development facilitated by the General Plan would introduce new sources of light and glare in Manteca. The EIR determined that adherence to General Plan Policy CD-2.11 would minimize adverse effects from light spillover to nearby properties and glare. Thus, the General Plan EIR concluded that with implementation of such standards, impacts related to light and glare would be less than significant.

Based on the above, impacts related to creating a new source of substantial light or glare which would adversely affect day or nighttime views in the area were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

II. AGRICULTURE AND FOREST RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	✖
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	✖
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 Analysis Under the General Plan EIR

As part of the General Plan EIR's assessments on impacts to agricultural and forest resources, the General Plan EIR evaluated both direct impacts associated with the conversion of agricultural land to non-agricultural use in a project site and potential indirect impacts to adjacent agricultural operations, starting on page 3.2-1. In regard to conversion of Farmland to non-agricultural use, the General Plan EIR concluded development proposed in the General Plan would result in a significant and unavoidable impact. The General Plan EIR includes General Plan policies on pages 3.2-18 and 3.2-19 of the General Plan EIR (see Table 2) to reduce potential impacts, but ultimately determined that mitigation measures are not available to prevent the loss of Farmland within the General Plan Area. In addition, the General Plan EIR concluded that a significant and unavoidable impact would occur related to conflict with existing zoning for agricultural use, or a Williamson Act contract. Because the City does not contain parcels designated as forest land or timberland and the proposed General Plan does not propose uses that would convert existing forest land to non-forest use, it was concluded that General Plan buildout would result in no impact regarding the loss of forest land or conversion of forest land to non-forest use. Furthermore, Impact 3.2-4 in the General Plan EIR states that future development in accordance with the General Plan would result in the conversion of farmland to a non-agricultural use. The General Plan would allow new urban uses that have the potential to conflict with existing agricultural operations, regardless of whether the operations are conducted on Williamson Act lands and lands zoned for agricultural use. Compliance with General Plan Polices as well as the City's Right to Farm Ordinance, would ensure the impact involving other changes in existing environment that could result in the conversion of farmland would be less than significant.

General Plan Policies

Table 2 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to the loss of agricultural land.

Table 2
Applicable General Plan Policies: Agriculture and Forest Resources

Policy
Policy RC-7.1 Support the continuation of agricultural uses on lands designated for urban use, until urban development is imminent.
Policy RC-7.2 Provide an orderly and phased development pattern, encouraging the development of vacant lands within City boundaries prior to conversion of agricultural lands, so that farmland is not subjected to premature development pressure.
Policy RC-7.3 Encourage permanent agricultural lands surrounding the Planning Area to serve as community separators and continue the agricultural heritage of Manteca.
Policy RC-7.4 Support and encourage the preservation of designated Agriculture lands, without placing an undue burden on agricultural landowners.
Policy RC-7.5 Minimize conflicts between agricultural and urban land uses.
Policy RC-7.6 Ensure that urban development near existing agricultural lands will not unnecessarily constrain agricultural practices or adversely affect the economic viability of nearby agricultural operations.
Policy RC-7.7 Prohibit the fragmentation of agricultural parcels into small rural residential parcels except in areas designated for urban development in the Land Use Diagram.
Policy RC-7.8 Encourage agricultural landowners in Manteca's Planning Area to participate in Williamson Act contracts and other programs that provide long-term protection of agricultural lands. Discourage the cancellation of Williamson Act contracts outside the Primary Urban Service Boundary line.
Policy RC-7.9 Work with the Local Agency Formation Commission (LAFCO) on issues of mutual concern including the conservation of agricultural land through consistent use of LAFCO policies, particularly those related to conversion of agricultural lands and establishment of adequate buffers between agricultural and non-agricultural uses, and the designation of a reasonable and logical Sphere of Influence boundary for the City.
Policy RC-7.10 Prohibit re-designation of Agricultural lands to other land use designations unless all of the following findings can be made: • There is a public need or net community benefit derived from the conversion of the land that outweighs the need to protect the land for long-term agricultural use. • There are no feasible alternative locations for the proposed project that are either designated for non-agricultural land uses or are less productive agricultural lands. • The use would not have a significant adverse effect on existing or potential agricultural activities on surrounding lands designated Agriculture.
Policy RC-7.11 Require the development projects to reduce impacts on agricultural lands through the use of buffers, such as greenbelts, drainage features, parks, or other improved and maintained features, in order to separate residential and other sensitive land uses, such as schools and hospitals, from agricultural operations and from lands designated Agriculture.
Policy RC-7.12 Work with agricultural landowners to improve practices that have resulted in adverse impacts to adjacent properties. Such practices include site drainage and flood control measures.

Discussion

a,e. The General Plan EIR concluded that buildout of the City's General Plan could result in a significant and unavoidable impact related to the conversion of farmland, Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (farmland). However, the General Plan does not identify agricultural resources in the vicinity of the project site, as shown in General Plan EIR Figure 3.2-1, Prime Farmlands and Farmlands of Statewide Importance in the Study Area.

According to the California Department of Conservation Farmland Mapping and Monitoring Program (FMMP), the project site is characterized as Rural Residential Land.[4] Thus, the development of the site would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, or otherwise result in the loss of Farmland to non-agricultural use.

Based on the above, effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met. Impacts related to the conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to a non-agricultural use, or otherwise resulting in the loss of Farmland to non-agricultural use, were ***adequately addressed in the General Plan EIR***.

b. The City of Manteca contains lands under a Williamson Act Contract. As such, the General Plan EIR concluded that implementation of the General Plan could conflict with a Williamson Act Contract, resulting in significant and unavoidable impacts. General Plan Policies RC-7.4, RC-7.7, and RC-7.8 are provided in the General Plan EIR to conserve agricultural zoning within the City.

As shown in Figure 3.2-2, *Lands Under Williamson Act Contracts within the General Plan Study Area,* of the General Plan EIR, the project site does not include any land under a Williamson Act contract. In addition, the project site is zoned CMU. Thus, the site is not zoned for agricultural uses, and buildout of the proposed project would not conflict with agricultural zoning or a Williamson Act Contract.

Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met, and impacts related to conflicting with a Williamson Act Contract were ***adequately addressed in the General Plan EIR***.

c,d. Areas that meet the definition of a forestry resource, as defined by California PRC Section 12220(g) do not exist within the City of Manteca. As such, impacts to forest land are not discussed in the General Plan EIR because implementation of the General Plan would result in no impacts to timberland or loss of forest land.

Furthermore, the project site is not considered forest land (as defined in PRC Section 12220[g]), timberland (as defined by PRC Section 4526), and is not zoned Timberland Production (as defined by Government Code Section 51104[g]). Therefore, impacts related to conversion of forest land or any potential conflict with forest land, timberland, or Timberland Production zoning were ***adequately addressed in the General Plan EIR***,

[4] California Department of Conservation. *California Important Farmland Finder*. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed January 2024.

and the project's impact would be less than significant. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

III. AIR QUALITY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	✖
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	☐	☐	✖
c. Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	✖
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

In analyzing the effects of the General Plan on air quality emissions and the associated impacts, the General Plan EIR analyzed both temporary impacts related to construction activity and possible long-term impacts associated with General Plan buildout, starting on page 3.3-1. The General Plan EIR concluded that, even with implementation of the measures included in the General Plan, buildout of the General Plan would conflict with or obstruct implementation of the applicable air quality plan. In addition, the General Plan EIR concluded that mitigation measures that would limit population or vehicle miles traveled (VMT) growth to the levels assumed in the applicable air quality plans in order to ensure consistency with such plans would conflict with the General Plan's goals. Therefore, impacts were determined to remain significant and unavoidable. As noted on page 3.3-48 of the General Plan EIR, implementation of several General Plan Polices, such as LU-3.9 and RC-5.2 would help protect sensitive receptors from exposure to air pollutants. Therefore, the impact related to exposing sensitive receptors to substantial pollutant concentrations would be less than significant with mitigation. Finally, the General Plan EIR concluded that compliance with General Plan Policies would ensure that buildout of the General Plan would not create objectionable odors that would affect neighboring properties, resulting in a less-than-significant impact with mitigation.

General Plan Policies

Table 3 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related air quality.

Table 3
Applicable General Plan Policies: Air Quality

Policy
LU-3.8 Where planned residential areas and expansion of existing residential neighborhoods interface with commercial, industrial, agricultural industrial, and other non-residential development, require that the proposed development be designed to maximize the compatibility between the uses and reduce any potentially significant or significant impacts associated with aesthetics, land use and planning, air quality, noise, safety, odor, and lighting that are identified through the California Environmental Quality Act (CEQA) review to less than significant.

(Continued on next page)

Table 3
Applicable General Plan Policies: Air Quality

Policy
LU-3.9 Locate residences and sensitive receptors away from areas of excessive noise, smoke, dust, odor, and lighting, and ensure that adequate provisions, including buffers or transitional uses, such as less intensive renewable energy production, light industrial, office, or commercial uses, separate the proposed residential uses from more intensive uses, including industrial, agricultural, or agricultural industrial uses and designated truck routes, to ensure the health and well-being of existing and future residents.
RC-4.3 Maintain an updated Climate Action Plan that addresses State adopted GHG reduction goals and provides effective measures to meet GHG targets.
LU-9.2 As part of land use decisions, ensure that environmental justice issues related to potential adverse health impacts associated with land use decisions, including methods to reduce exposure to hazardous materials, industrial activity, vehicle exhaust, other sources of pollution, and excessive noise on residents regardless of age, culture, gender, race, socioeconomic status, or geographic location, are considered and addressed.
RC-5.1 Coordinate with the San Joaquin Valley Air Pollution Control District (Air District), San Joaquin Council of Governments, and the California Air Resources Board (State Air Board), and other agencies to develop and implement regional and county plans, programs, and mitigation measures that address cross-jurisdictional and regional air quality impacts, including land use, transportation, and climate change impacts, and incorporate the relevant provisions of those plans into City planning and project review procedures. Also cooperate with the Air District, SJCOG, and State Air Board in: • Enforcing the provisions of the California and Federal Clean Air Acts, state and regional policies, and established standards for air quality. • Identifying baseline air pollutant and greenhouse gas emissions. • Encouraging zero emission or alternative clean fuel for city vehicle fleets, when feasible. • Developing consistent procedures for evaluating and mitigating project-specific and cumulative air quality impacts of projects. • Promoting participation of major existing and new employers in the transportation demand management (TDM) program facilitated by the San Joaquin Council of Governments.
RC-5.2 Minimize exposure of the public to toxic or harmful air emissions and odors through requiring an adequate buffer or distance between residential and other sensitive land uses and land uses that typically generate air pollutants, toxic air contaminants, or obnoxious fumes or odors, including but not limited to industrial, manufacturing, and processing facilities, highways, and rail lines and, where uses or facilities pose substantial health risks, ensure that a Health Risk Assessment is conducted to identify and mitigate exposure to toxic air contaminants.
RC-5.3 Require construction and operation of new development to be managed to minimize fugitive dust and air pollutant emissions.
RC-5.4 Require installation of energy-efficient appliances and equipment, including wood-burning devices, in development projects to meet current standards for controlling air pollution, including particulate matter and toxic air contaminants.
RC-5.5 Require and/or cooperate with the Air District to ensure that burning of any combustible material within the City is consistent with Air District regulations to minimize particulate air pollution.

Discussion

a,b. The General Plan includes policies intended to reduce the net increase of criteria pollutants associated with buildout of the Geneal Plan. However, implementation of such measures would not reduce the increase of criteria pollutants to a less-than-significant level and, thus, the General Plan EIR concluded that the impact would be significant and unavoidable.

The City of Manteca, including the project site, is located within the northern portion of the San Joaquin Valley Air Basin (SJVAB) and is within the jurisdictional boundaries of the SJVAPCD. The SJVAB area is currently designated as a non-attainment area for the State and federal ozone, State and federal particulate matter 2.5 microns in diameter ($PM_{2.5}$), and State particulate matter 10 microns in diameter (PM_{10}) standards. Because the San Joaquin Valley is currently designated as severe nonattainment and serious nonattainment for ozone and PM_{10} standards, respectively, any increase in such pollutants would contribute to the nonattainment status. The SJVAB is designated attainment or unclassified for all other ambient air quality standards (AAQS). It should be noted that although the U.S. Environmental Protection Agency (EPA) revoked their 1-hour ozone standard in 2005, in May of 2016, the EPA proposed findings that the SJVAB was in attainment of the 1-hour ozone standard.

In compliance with regulations, due to the non-attainment designations of the area, the SJVAPCD periodically prepares and updates air quality plans that provide emission reduction strategies to achieve attainment of the AAQS, including control strategies to reduce air pollutant emissions through regulations, incentive programs, public education, and partnerships with other agencies. The most recent ozone plan is the 2016 Ozone Plan for the 2008 8-Hour Ozone Standard, which was adopted by the SJVAPCD on June 16, 2016. The California Air Resources Board (CARB) subsequently conducted a public meeting to consider approval of the 2016 Ozone Plan for the 2008 8-Hour Ozone Standard, and approved the plan on July 21, 2016. Additionally, the most recent federal attainment plan for PM is the 2016 Plan for the 1997 $PM_{2.5}$ Standard, which was approved by the District Governing Board on April 16, 2015.

The aforementioned air quality plans contain mobile source controls, stationary source controls, and transportation control measures (TCMs) to be implemented in the region to attain the State and federal standards within the SJVAB. Adopted SJVAPCD rules and regulations, as well as the thresholds of significance, have been developed with the intent to ensure continued attainment of AAQS, or to work towards attainment of AAQS for which the area is currently designated non-attainment, consistent with applicable air quality plans. The SJVAPCD has established broad significance thresholds associated with the construction and operation emissions for various criteria pollutants including ozone precursors such as reactive organic gases (ROG) and oxides of nitrogen (NO_x), as well as for PM_{10}, $PM_{2.5}$, sulfur oxide (SO_x), and carbon monoxide (CO) expressed in tons per year. Thus, by exceeding the SJVAPCD's mass emission thresholds for operational emissions of ROG, NO_X, PM_{10}, $PM_{2.5}$, SO_x, or CO a project would be considered to conflict with or obstruct implementation of the SJVAPCD's air quality planning efforts. The SJVAPCD's adopted thresholds of significance for criteria pollutant emissions are presented in Table 4. If the proposed project's emissions exceed the applicable thresholds of significance presented in the table, the project could violate an air quality standard, contribute to an existing or projected air quality violation or conflict with or obstruct implementation of the applicable air quality plans.

Table 4
SJVAPCD Criteria Pollutant Thresholds of Significance

Pollutant	Construction Emissions (tons/yr)	Operational Emissions (tons/yr)
ROG	10	10
NO_X	10	10
CO	100	100
SO_X	27	27
PM_{10}	15	15
$PM_{2.5}$	15	15

Source: SJVAPCD, November 13, 2020.

To streamline the process of assessing significance of criteria pollutant emissions from common projects, the SJVAPCD has developed the screening tool, Small Project Analysis Level (SPAL). By using project type and size, the SJVAPCD has pre-quantified mass emissions and determined a size below which mass emissions from a project would be reasonably considered not to exceed the thresholds of significance presented above for criteria pollutants. Projects less than the sizes identified by the SJVAPCD are deemed to have a less-than-significant impact on air quality due to criteria pollutant mass emissions and are excluded from quantifying criteria pollutant emissions for CEQA purposes. The SPAL for Mid-Rise apartments is 225 dwelling units.[5] As discussed throughout this 15183 checklist, the proposed project would result in the development of 216 units and, therefore, would not exceed the SPAL. However, to confirm this conclusion, further analysis is presented below.

The proposed project's construction and operational emissions were quantified using the California Emissions Estimator Model (CalEEMod) software version 2022.1.1.21 – a statewide model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify air quality emissions, including greenhouse gas (GHG) emissions, from land use projects. The model applies inherent default values for various land uses, including construction data, trip generation rates, vehicle mix, trip length, average speed, compliance with the California Building Standards Code (CBSC), etc. Where project-specific information is available, such information should be applied in the model. Accordingly, the proposed project's modeling assumes the following project and/or site-specific information:

- Construction was assumed to commence on March 7, 2026 and last for three years;
- Approximately 2,501 cubic yards (CY) exported during grading; and
- Approximately 4,993 sf of demolition and materials.

It should be noted that all development within the SJVAPCD, including the proposed project, is required to comply with all applicable SJVAPCD rules and regulations, including, but not limited to, Regulation VIII (Fugitive PM_{10} Prohibition), Rule 4101 (Visible Emissions), Rule 4601 (Architectural Coatings), Rule 4641 (Cutback Slow Cure, Emulsified Asphalt, Paving and Maintenance Operations), and Rule 4102 (Nuisance). Compliance with the aforementioned regulations would help to reduce criteria pollutant emissions associated with construction activities.

[5] San Joaquin Valley Air Pollution Control District. *Small Project Analysis Levels (SPAL)*. November 13, 2020.

Construction Emissions

According to the CalEEMod results, the proposed project would result in maximum construction emissions as shown in Table 5. It should be noted that the project applicant has committed to using Tier 4 Final engine off-road equipment during construction of the proposed project. However, to provide a conservative analysis, the construction emissions analysis performed for the proposed project was conducted using CalEEMod default off-road equipment engine assumptions.

Table 5
Maximum Construction Emissions (tons/yr)

Pollutant	Project Emissions	Threshold of Significance	Exceeds Threshold?
ROG	0.60	10	**NO**
NO_X	1.92	10	**NO**
CO	2.88	100	**NO**
SO_X	0.005	27	**NO**
PM_{10}	0.57	15	**NO**
$PM_{2.5}$	0.26	15	**NO**

Source: CalEEMod, July 2025 (see Appendix A)

As shown in the table, construction emissions from the proposed project would be below the applicable thresholds of significance for all relevant criteria pollutants. Use of Tier 4 Final engines would result in further reductions in construction emissions beyond what is presented in Table 5, above.

Operational Emissions

According to the CalEEMod results, the operations of the proposed project would result in maximum criteria air pollutant emissions as shown in Table 6. As shown in the table, the proposed project's operational emissions would be below the applicable thresholds of significance for all pollutants.

Table 6
Maximum Operational Emissions (tons/yr)

Pollutant	Project Emissions	Threshold of Significance	Exceeds Threshold?
ROG	1.66	10	**NO**
NO_X	0.84	10	**NO**
CO	6.45	100	**NO**
SO_X	0.01	27	**NO**
PM_{10}	1.31	15	**NO**
$PM_{2.5}$	0.35	15	**NO**

Source: CalEEMod, July 2025 (see Appendix A)

In addition, the proposed project would be consistent with what has been anticipated by the City for the site per the General Plan and zoning designations. Accordingly, the emissions associated with buildout of the project site with the proposed uses have generally been addressed in the General Plan.

Cumulative Emissions

A cumulative impact analysis considers a project over time in conjunction with other past, present, and reasonably foreseeable future projects whose impacts might compound those of the project being assessed. By its very nature, air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development. Future attainment of ambient air quality standards is a function of successful implementation of SJVAPCD attainment plans. Consequently, the SJVAPCD's application of thresholds of significance for criteria pollutants is relevant to the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project would comply with the requirements in a previously approved plan or mitigation program, including, but not limited to an air quality attainment or maintenance plan that provides specific requirements that would avoid or substantially lessen the cumulative problem within the geographic area in which the project is located [CCR Section 15064(h)(1)]. Thus, as stated in Section 7.14 of the SJVAPCD *Guidance for Assessing and Mitigating Air Quality Impacts*, if project-specific emissions would exceed the thresholds of significance for criteria pollutants, the project would be expected to result in a cumulatively considerable net increase of any criteria pollutant for which the area is in non-attainment under applicable ambient air quality standards. As further discussed in Section 8.8 of the SJVAPCD *Guidance for Assessing and Mitigating Air Quality Impacts*, the SJVAPCD would consider projects consistent with the following to result in a less-than-cumulatively-significant impact related to air quality:

- SJVAPCD attainment plans;
- SJVAPCD rules and regulations;
- State air quality regulations;
- Project emissions below SJVAPCD thresholds of significance for criteria pollutants, localized CO, and toxic air contaminants (TACs); and
- Project emissions below AAQS.

As presented above, the proposed project would result in construction-related and operational emissions below the applicable thresholds of significance. In addition, as discussed in further detail below, the proposed project would be below the applicable thresholds of significance related to localized CO and TAC concentrations. Therefore, the proposed project would not be considered to result in a cumulatively considerable net increase in any criteria pollutant for which the area is under nonattainment for a federal or State AAQS (i.e., ozone and PM). Consequently, in accordance with SJVAPCD guidance, because the proposed project would result in emissions less than the thresholds of significance, the proposed project would correspondingly be considered to result in a less-than-significant cumulative impact to air quality.

Furthermore, the General Plan EIR includes a cumulative air quality analysis from buildout of the entire City. Considering the proposed project is consistent with the General Plan EIR land use designation, air quality impacts associated with buildout of the project site were evaluated in the cumulative analysis included in the General Plan EIR.

Conclusion

Based on the above, the proposed project would not exceed the applicable thresholds of significance for air pollutant emissions during construction or operation and thus, conflicts with or obstruction of implementation of the applicable regional air quality plans would not occur. In addition, the project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or State AAQS.

The proposed project would consist of a typical residential development on a parcel planned for such, and effects peculiar to the proposed project or the project site do not exist. As a result, development of the project site was already evaluated in the General Plan EIR, and the project would not result in any impacts related to criteria pollutant emissions outside of what was anticipated for the project site in the General Plan EIR. Thus, impacts related to emissions of criteria pollutants and consistency with the applicable air quality plans were ***adequately addressed in the General Plan EIR***. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. The General Plan EIR concluded that impacts related to exposing sensitive receptors to substantial pollutant concentrations would be less than significant after implementation of mitigation. Specifically, General Plan Policies LU-3.9 and LU-9.2, which require land use siting and separation, and the use of buffers to protect sensitive receptors would reduce impacts to a less-than-significant level.

Some land uses are considered more sensitive to air pollution than others, due to the types of population groups or activities involved. Heightened sensitivity may be caused by preexisting health problems, proximity to the emissions source, and/or duration of exposure to air pollutants. Children, pregnant women, the elderly, and those with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, childcare centers, playgrounds, retirement homes, convalescent homes, hospitals, and medical clinics. The nearest sensitive receptors to the site would be the existing single-family residences located 20 feet to the west, and the urgent care located 30 feet to the east along West Yosemite Avenue.

Because impacts related to pollutants are concentration-based, such impacts have the potential to be site-specific and/or peculiar. As a result, pollutants associated with implementation of the proposed project are evaluated below. The major pollutant concentrations of concern are localized CO emissions and TAC emissions.

Localized CO Emissions

Localized concentrations of CO are related to the levels of traffic and congestion along streets and at intersections. Implementation of the proposed project would increase traffic volumes on streets near the project site; therefore, the project could be expected to increase local CO concentrations. Concentrations of CO approaching the AAQS are only expected where background levels are high, and traffic volumes and congestion levels are high. In accordance with the State CO Protocol, the SJVAPCD has established preliminary screening criteria for determining whether the effect that a project would have on any given intersection would cause a potential CO hotspot. If either of the following is true for the proposed project, further CO analysis would be required:

- A traffic study for the project indicates that the Level of Service (LOS) on one or more streets or at one or more intersections in the project vicinity would be reduced to LOS E or F; or
- A traffic study indicates that the project would substantially worsen (i.e., increase delay by more than five percent) an already existing LOS F on one or more streets or at more or more intersections in the project vicinity.

However, as discussed in Section XVII, Transportation, of this 15183 Checklist, the State Legislature passed Senate Bill (SB) 743 with the intention of ultimately doing away with LOS in most instances as a basis for environmental analysis under CEQA. Therefore, for the purposes of assessing localized CO emission impacts associated with the proposed project, the thresholds of significance used by the nearby air districts, Placer County Air Pollution Control District (PCAPCD) and Sacramento Metropolitan Air Quality Management District (SMAQMD) were applied to the proposed project. According to the PCAPCD screening levels, a project could result in a significant impact if the project would result in CO emissions from vehicle operations in excess of 550 lbs/day. The maximum unmitigated daily construction and operational emissions of CO generated by the proposed project are provided in Table 5 and Table 6. As shown in the tables, CO emissions associated with the proposed project would be below the PCAPCD's 550 lbs/day screening level. According to the SMAQMD's CEQA Guidelines, emissions of CO are not of concern because the SVAB has been in attainment for CO for over two decades and, therefore, does not recommend an analysis of CO for typical development projects.[6] It should also be noted that because the proposed project is consistent with the project site's land use and zoning designations, the proposed project would not result in any additional vehicle trips beyond what was previously anticipated for the project site by the City.

TAC Emissions

Another category of environmental concern is TACs. The CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* (Handbook) provides recommended setback distances for sensitive land uses from major sources of TACs, including, but not limited to, freeways and high traffic roads, distribution centers, and rail yards. The CARB has identified diesel particulate matter (DPM) from diesel-fueled engines as a TAC; thus, high volume freeways, stationary diesel engines, and facilities attracting heavy and constant diesel vehicle traffic are identified as having the highest associated health risks from DPM. Health risks associated with TACs are a function of both the concentration of emissions and the duration of exposure, where the higher the concentration and/or the longer the period of time that a sensitive receptor is exposed to pollutant concentrations would correlate to a higher health risk.

Operational-related emissions of TACs are typically associated with stationary diesel engines or land uses that involve heavy diesel truck traffic or idling. The proposed project does not involve long-term operation of any stationary diesel engine or other major on-site stationary source of TACs. Residential uses, such as the proposed project, do not typically involve long-term operation of any stationary sources of TACs. Therefore, the proposed project would not expose any existing sensitive receptors to any new permanent or substantial TAC emissions during operations.

6 Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County: Operational Criteria Air Pollutant and Precursor Emissions.* October 2020.

However, short-term, construction-related activities could result in the generation of TACs, primarily DPM, from on-road haul trucks and off-road equipment exhaust emissions. Although DPM emissions from on-road haul trucks would be widely dispersed throughout the project area, as haul trucks move goods and material to and from the site, exhaust from off-road equipment would primarily occur within the project site. Consequently, the operation of off-road equipment within the project site during project construction could result in exposure of the nearby students and residents to DPM.

To analyze potential health risks to nearby students and residents that could result from DPM emissions from off-road equipment at the project site, total DPM emissions from project construction were estimated. DPM is considered a subset of $PM_{2.5}$, thus, the CalEEMod estimated $PM_{2.5}$ emissions from exhaust during construction was conservatively assumed to represent all DPM emitted on-site. The CalEEMod estimated $PM_{2.5}$ exhaust emissions were then used to calculate the concentration of DPM at the maximally exposed sensitive receptor near the project site. As discussed above, the project applicant has committed to using Tier 4 Final engine off-road equipment during construction of the proposed project, which was considered in the health risk assessment provided below. DPM concentrations resulting from project implementation were estimated using the American Meteorological Society/Environmental Protection Agency (AMS/EPA) Regulatory Model (AERMOD). The results of AERMOD are presented in Figure 6. As presented therein, the maximally exposed receptor, depicted by a white "X," is located south of the project site.

The associated cancer risk and non-cancer hazard index were calculated using the CARB's Hotspot Analysis Reporting Program Version 2 (HARP 2) Risk Assessment Standalone Tool (RAST), which calculates the cancer and non-cancer health impacts using the risk assessment guidelines of the 2015 Office of Environmental Health Hazard Assessment (OEHHA) Guidance Manual for Preparation of Health Risk Assessments.[7] The modeling was performed in accordance with the United States Environmental Protection Agency (USEPA's) User's Guide for the AERMOD[8] and the 2015 OEHHA Guidance Manual.

Based on the foregoing methodology, the cancer risk and non-cancer hazard indices that would occur with the use of Tier 4 final engine construction equipment are presented in Table 7.

Table 7
Maximum Cancer Risk and Hazard Index Associated with Construction DPM (Tier 4 Final Equipment)

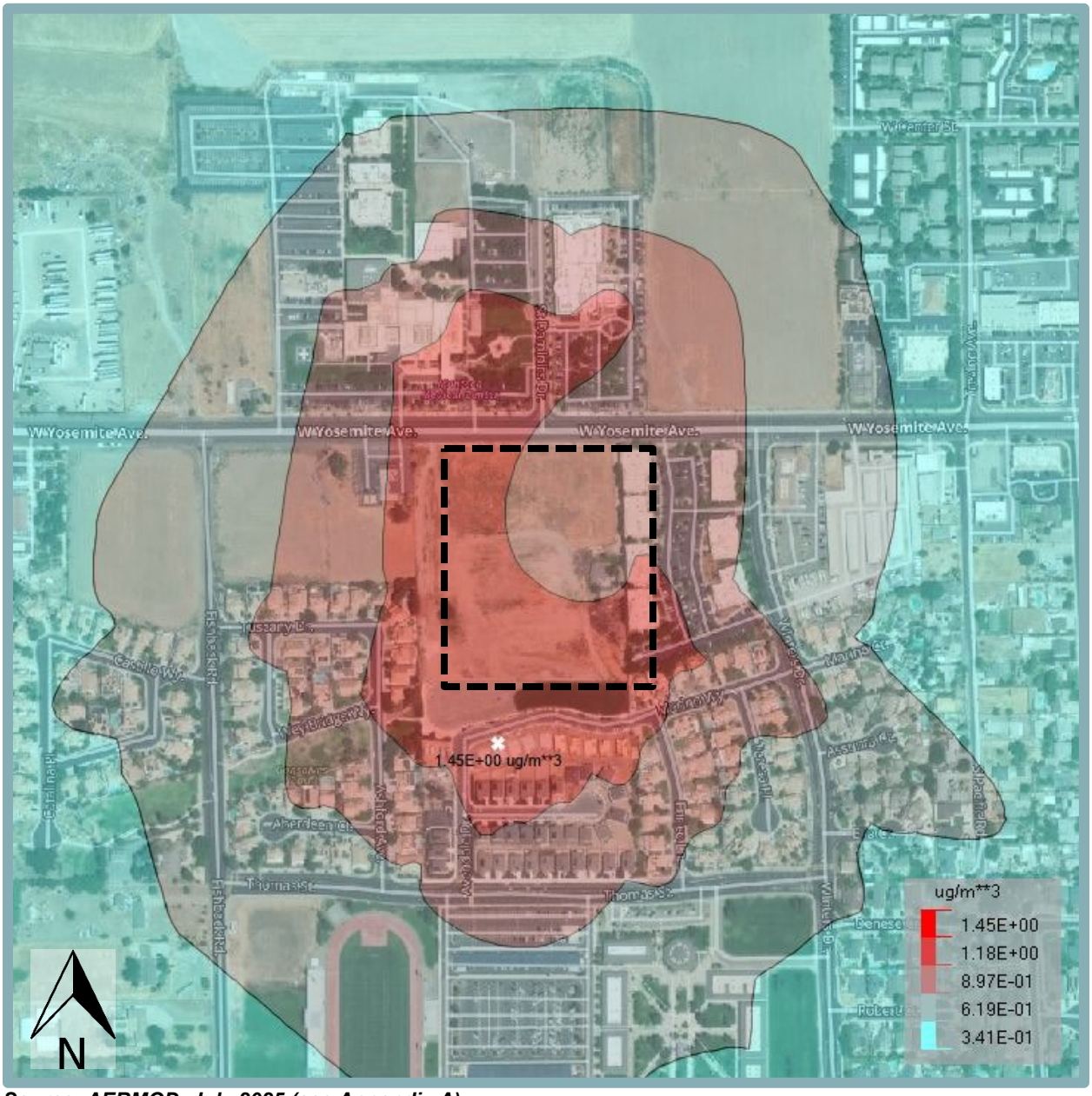
	Cancer Risk (per million persons)	Acute Hazard Index	Chronic Hazard Index
Construction DPM Health Risks	4.63	0.00	0.00
Thresholds of Significance	10	1.0	1.0
Exceed Thresholds?	**NO**	**NO**	**NO**

Source: AERMOD and HARP 2 RAST, July 2025 (see Appendix A).

[7] Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments* [pg. 8-18]. February 2015.

[8] U.S. Environmental Protection Agency. *User's Guide for the AMS/EPA Regulatory Model (AERMOD)*. December 2016.

Figure 6
AERMOD Results



Source: AERMOD, July 2025 (see Appendix A).

As shown in Table 7, with the use of Tier 4 final equipment, construction of the proposed project would not result in cancer risks, acute hazards, or chronic hazards in excess of SJVAPCD's standards.

However, the cancer risk and non-cancer hazard indices without the use of Tier 4 final engine off-road construction equipment were estimated and are presented in Table 8

Table 8
Maximum Unmitigated Cancer Risk and Hazard Index Associated with Construction DPM

	Cancer Risk (per million persons)	Acute Hazard Index	Chronic Hazard Index
Construction DPM Health Risks	24.33	0.00	0.01
Thresholds of Significance	10	1.0	1.0
Exceed Thresholds?	**YES**	**NO**	**NO**

Source: AERMOD and HARP 2 RAST, July 2025 (see Appendix A).

As shown in Table 8, construction of the proposed project without the use of Tier 4 final equipment would not result in acute or chronic hazards in excess of SJVAPCD's standards. However, project construction could have the potential to result in cancer risks in excess of SJVAPCD's 10 cases per million threshold if Tier 4 final equipment was not used. Therefore, in order to ensure the applicant's commitment that all construction equipment greater than 50 horsepower used during project construction will be Tier 4 final, the proposed project would comply with the following standard condition of approval, as required by the City:

> The project applicant shall show on project improvement plans via notation that the contractor shall ensure that the heavy-duty off-road vehicles (50 horsepower or more) to be used in the construction of the proposed project, including owned, leased, and subcontractor vehicles, shall be Tier 4 final off-road construction equipment. In addition, all off-road equipment operating at the construction site must be maintained in proper working condition according to manufacturer's specifications.
>
> Idling shall be limited to five minutes or less in accordance with the In-Use Off-Road Diesel Vehicle Regulation as required by CARB. Clear signage regarding idling restrictions shall be placed at the entrances to the construction site.
>
> Portable equipment over 50 horsepower must have either a valid SJVAPCD Permit to Operate (PTO) or a valid statewide Portable Equipment Registration Program (PERP) placard and sticker issued by CARB.

Thus, construction of the proposed project would not result in exposure of nearby receptors to substantial pollutant concentrations.

Conclusion

Based on the above, the proposed project would not expose any sensitive receptors to substantial concentrations of localized CO or TACs during construction or operation. As such, effects peculiar to the proposed project or the project site do not exist, and the evaluation in the General Plan EIR included consideration of buildout of the project site.

Impacts related to the exposure of sensitive receptors to substantial pollutant concentrations were ***adequately addressed in the General Plan EIR***. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. Emissions of concern include those leading to odors, emission of dust, or emissions considered to constitute air pollutants. Air pollutants have been discussed in questions "a" through "c" above. Therefore, the following discussion focuses on emissions of odors and dust.

Pursuant to the General Plan EIR, the General Plan does not include proposed land uses which are anticipated to create objectionable odors. Nonetheless, implementation of Goal RC-5.2, which requires the inclusion of buffers between potentially odorous land uses and sensitive receptors, would reduce any potential impacts to a less-than-significant level.

Odors

Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The presence of an odor impact is dependent on several variables including: the nature of the odor source; the frequency of odor generation; the intensity of odor; the distance of odor source to sensitive receptors; wind direction; and sensitivity of the receptor.

Due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, it is difficult to quantitatively determine the presence of a significant odor impact. Typical odor-generating land uses include, but are not limited to, wastewater treatment plants, landfills, and composting facilities. The proposed development on the project site would not introduce any of the aforementioned land uses. Moreover, the project is not located in the vicinity of any existing or planned land uses that would be considered major sources of odors. Nonetheless, the project would be subject to the SJVAPCD's Rule 4102, which allows members of the public to submit complaints regarding odor.

Construction activities often include diesel-fueled equipment and heavy-duty diesel trucks, which can create odors associated with diesel fumes, which could be found to be objectionable. However, as discussed above, construction activities would be temporary, and operation of construction equipment would be regulated and intermittent. Project construction would also be required to comply with all applicable SJVAPCD rules and regulations, particularly associated with permitting of air pollutant sources. The aforementioned regulations would help to minimize air pollutant emissions as well as any associated odors. Accordingly, substantial objectionable odors would not occur during construction activities or affect a substantial number of people.

Dust

During construction, the project would be required to comply with all applicable SJVAPCD rules and regulations regarding fugitive dust, as well as be in accordance with Manteca City Council Resolution R199-138 Following project construction, vehicles operating within the project site would be limited to paved areas of the site, and non-paved areas would be landscaped. Thus, project operations would not include sources of dust that could adversely affect a substantial number of people.

Conclusion

For the aforementioned reasons, construction and operation of the proposed project would not result in emissions (such as those leading to odors) adversely affecting a substantial number of people, and impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

IV. BIOLOGICAL RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	✖
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	✖
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	✖
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of 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 Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR, starting on page 3.4-1, examined direct and indirect impacts to the following special-status biological resources: regulated waterways and wetlands, sensitive habitats, sensitive plants and animals, and wildlife movement corridors. The General Plan EIR concluded that direct and indirect impacts from General Plan buildout to listed special-status species, riparian habitat and other natural communities, wetlands, and migratory wildlife species would be avoided with implementation of the General Plan goals and policies (see Table 9). The proposed General Plan Land Use Map does not redesignate any land currently designated for open space or habitat protection. As such, the proposed General Plan and the Land Use Map are consistent with the adopted San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP) and Implementation of the General Plan would not conflict with the provisions of a Habitat Conservation Plan/Natural Conservation Community Plan, or other approved local, regional, or State habitat conservation plan. Thus, compliance to the General Plan Polices and goals would result in a less-than-significant impact related to buildout of the General Plan.

General Plan Policies

Table 9 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to biological resources.

Table 9
Applicable General Plan Policies: Biological Resources

Policy
Policy RC-8.1 Protect sensitive habitats that include creek corridors, wetlands, vernal pools, riparian areas, wildlife and fish migration corridors, native plant nursery sites, waters of the Unites States, sensitive natural communities, and other habitats designated by State and Federal agencies.
Policy RC-8.2 Preserve and enhance those biological communities that contribute to Manteca and the region's biodiversity, including but not limited to, wetlands, riparian areas, aquatic habitat, and agricultural lands.
Policy RC-8.3 Focus conservation efforts on high priority conservation areas that contain suitable habitat for endangered, threatened, migratory, or special-status species and that can be managed with minimal interference with nearby urban land uses.
Policy RC-8.4 Conserve existing nature vegetation, where possible, and integrate regionally native plant species into development and infrastructure projects where appropriate.
Policy RC-8.5 Condition new development in the vicinity of the San Joaquin River and Walthall Slough to protect riparian habitat, wetlands, and other native vegetation and wildlife communities and habitats.
Policy RC-8.6 Discourage the premature removal of heritage trees in advance of development, and avoid the removal of other large, mature trees that provide wildlife habitat or contribute to the visual quality of the environment to the greatest extent feasible through appropriate project design and building siting. If full avoidance is not possible, prioritize planting of replacement trees on-site over off-site locations.
Policy RC-8.7 Protect special status species and other species that are sensitive to human activities.
Policy RC-8.8 Encourage contiguous habitat areas.
Policy RC-8.9 Encourage the use of native vegetation in lieu of non-native landscaping in City parks, facilities, and infrastructure, including roadways and drainage facilities.
Policy RC-8.10 Continue to support regional efforts to address issues related to urban development, habitat conservation and agricultural protection through participating in the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP).

Discussion

a. The General Plan EIR determined that future development would have a less-than-significant impact on special-status species with implementation of General Plan Policies listed in Table 9.

Special-status species include plants and wildlife species that have been formally listed, are proposed as endangered or threatened, or are candidates for such listing under the federal Endangered Species Act or California Endangered Species Act (CESA). Both acts afford protection to both listed and proposed species. In addition, CDFW Species of Special Concern, which are species that face extirpation in California if current population and habitat trends continue, U.S. Fish and Wildlife Service (USFWS) Birds of Conservation Concern, and CDFW special status invertebrates are all considered special status species. Although CDFW Species of Special Concern generally do not have special legal status, such species are given special consideration under CEQA. In addition to regulations for special status species, most birds in the United States, including non-status species, are protected by the Migratory Bird Treaty Act (MBTA) of 1918. Under the MBTA,

destroying active nests, eggs, and young is illegal. Plant species on California Native Plant Society (CNPS) Lists 1 and 2 are also considered special status plant species and must be considered under CEQA.

The following analysis is based primarily on a preliminary biological review of the project site conducted by Madrone Ecological Consulting, LLC (Madrone). Additionally, a search of the California Natural Diversity Database (CNDDB) was conducted in November 2023 for the project site quadrangle and the eight quadrangles surrounding the project area to identify if any species not previously identified by the General Plan EIR have the potential to exist within the project site. The intent of the database review was to identify documented occurrences of special-status species in the vicinity of the project area, to determine their locations relative to the project site, and to evaluate whether the site meets the habitat requirements of such species. Based on the results of the CNDDB search, one special-status wildlife species is known to occur within the project vicinity. The potential for the special-status species identified by the CNDDB and the General Plan EIR to occur on the project site is discussed in further detail below.

Special-Status Plants

The 9.29-acre project site is approximately 25-35 feet above mean sea level. The project site is bound by commercial properties to the north, east, and northwest, and residential to the southwest and south. The project site appears to have been irrigated agriculture until 2020 and then fallow prior to being graded in 2022. Pursuant to the General Plan EIR, 25 special-status plant species have the potential to occur within the City of Manteca Planning Area. Two of the special-status plant species were documented within one mile and 23 within 15 miles of the planning area. The CNDDB search conducted for the proposed project identified several special-status plant species that would occur within the project vicinity including slough thistle, Delta button celery, Wright's trichocoronis, and Caper-fruited tropidocarpum. However, the proposed project is outside the documented range for Caper-fruited tropidocarpum, and does not contain, nor is it adjacent to suitable aquatic habitat for slough thistle, delta button celery, and Wright's trichocoronis. Thus, special-status plant species are not likely to occur on the proposed site.

Special-Status Wildlife

Pursuant to the General Plan EIR, ten special-status wildlife species have the potential to occur within the City of Manteca. The CNDDB search shows the project site as being located within five miles of the potential habitat area of the western burrowing owl, tricolored blackbird, Swainson's hawk, loggerhead shrike, song sparrow, yellow-headed blackbird, California tiger salamander, riparian brush rabbit, western pond turtle, western bumblebee, green sturgeon, steelhead, and longfin smelt. However, Madrone identified that the project site does not support riparian habitat necessary to support song sparrow, yellow-headed blackbird, and riparian brush rabbit. The project area does not contain, nor is it adjacent to, suitable aquatic habitat for western pond turtle, California tiger salamander, green sturgeon, steelhead, and longfin smelt.

Although Madrone determined that the project site lacks suitable nesting habitat for tricolored blackbird, irrigated pastures may be utilized as foraging habitat. Madrone determined that habitat for tree-nesting and ground-nesting migratory birds is present within the project area. The study area and adjacent properties lack suitable nesting habitat for tricolored blackbird and does not provide typical foraging habitat. The project

area provides suitable habitat for Swainson's hawk, western burrowing owl, and loggerhead shrike.

Swainson's hawk

The Swainson's hawk inhabits grassland, irrigated pastures, and grain fields. Nesting populations are within the lower Sacramento and San Joaquin Valleys. Because Swainson's hawk were documented within five-miles of the project site, and the project site may provide suitable habitat and nesting opportunities, development of the proposed project could disturb Swainson's hawk if they are present during initiation of ground-disturbing activity.

Western Burrowing Owl

Western burrowing owls inhabit open grasslands and shrublands in the Central Valley, coastal regions, and deserts of California. Burrowing owls occur in a patchy distribution throughout San Joaquin County, but recent studies have shown a decline of over 50 percent in the numbers of breeding pairs in the Central Valley.[9] Burrowing owls are granted protection under the MBTA and the California Fish and Game Code. Because western burrowing owls were documented within five-miles of the project site, and suitable habitat is present at the site, development of the proposed project could disturb burrowing owls if they are present during initiation of ground-disturbing activity.

Loggerhead Shrike

The loggerhead shrike prefers open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches. They are resident winter visitors in lowlands and foothills throughout California. Because the loggerhead shrike was documented within five miles of the project site, and the project site may provide suitable habitat and nesting opportunities, development of the proposed project could disturb loggerhead shrike if they are present during the initiation of ground disturbing activities.

Conclusion

The proposed project is consistent with the site's General Plan land use and zoning designations and, thus, is consistent with the type and intensity of development that has previously been anticipated for the site by the City and analyzed in the General Plan EIR.

As discussed above, the General Plan EIR identified that development occurring pursuant to the General Plan could result in impacts to special-status plant and wildlife species. Based on the preliminary review of the project site conducted by Madrone, three special-status wildlife species may occur within the project site. While Swainson's hawk, burrowing owls, and loggerhead shrike could be potentially impacted by the proposed development, the General Plan includes policies to reduce potential impacts to such species to less-than-significant levels. Additionally, the CNDDB search identified tricolored blackbird as having the potential to occur on-site; however, the site does not meet habitat requirements associated with the species.

Pursuant to CEQA Guidelines Section 15183(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

[9] City of Manteca. Manteca General Plan 2043 Environmental Impact Report. [pg. 3.4-16]. April 2023.

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. […]" In the case of the proposed project, the Resource Conservation Element of the General Plan provides Policies RC-8.7 through RC-8.10 to protect and maintain special status species by requiring either compliance with the SJMSCP, or for those who opt out of participating in the SJMSCP, compliance with all other applicable local, state, and federal laws and regulation provisions through consultations with the Permitting Agencies and local planning agencies. The project site is designated as Category B Other Open Spaces Pay Zone A under the SJMSCP and would abide by all relevant policies and pay all fees required by the SJMSCP. Additionally, the proposed project would be consistent with applicable General Plan Policies provided in the General Plan EIR including Policies RC-8.1 and RC-8.2. Compliance with the SJMSCP would require implementation of SJMSCP Avoidance and Minimization Measures (AMMs), which minimize direct impacts to species in the area, and would ensure that special status species detected on-site would not be impacted. The AMMs for covered species can be found in Section 5.2.4 of the SJMSCP. Specific AMMs regarding Swainson's hawk, western burrowing owls, and loggerhead shrike are located in Section 5.2.4.11, Section 5.2.4.15, and Section 5.2.4.18 of the SJMSCP, respectively. Furthermore, the proposed project would be subject to General Plan Policies RC-8.1 through RC-8.10 which require either compliance with the SJMSCP, or for those who opt out of participating in the SJMSCP, compliance with all other applicable local, state, and federal laws and regulation provisions through consultations with the Permitting Agencies and local planning agencies.

Based on the above, impacts to species identified as special-status species in local or regional plans, policies, or regulations, or by the CDFW or the USFWS were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, pursuant to CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b,c. The USACE regulates the filling or grading of waters of the U.S. under the authority of Section 404 of the Clean Water Act. The extent of jurisdiction within drainage channels is defined by "ordinary high-water marks" on opposing channel banks. All activities that involve the discharge of dredge or fill material into waters of the U.S. are subject to the permit requirements of the USACE. In addition, under the Porter-Cologne Water Quality Control Act of 1969, the State Water Resources Control Board (SWRCB) has regulatory authority to protect the water quality of all surface water and groundwater in the State of California ("waters of the State"). Nine Regional Water Quality Control Boards (RWQCBs) oversee water quality at the local and regional level. The RWQCB for a given region regulates discharges of fill or pollutants into waters of the State through the issuance of various permits and orders. Discharges into waters of the State that are also waters of the U.S. require a Section 401 Water Quality Certification from the RWQCB as a prerequisite to obtaining certain federal permits, such as a Section 404 Clean Water Act permit. Discharges into all waters of the State, even those that are not also waters of the U.S., require Waste Discharge Requirements (WDRs), or waivers of WDRs, from the RWQCB.

Federally protected jurisdictional waters include perennial and intermittent streams, their tributaries, lakes, rivers, ponds and adjacent wetlands. As noted in the General Plan EIR, free-running streams or natural bodies of water do not occur within the City, as the majority of the City has been historically leveled, and any naturally occurring drainages have been channelized or otherwise disturbed. Wetlands in the Manteca vicinity consist of seasonal

wetlands along State Route (SR) 120 near the west side of the City's boundary caused by irrigation runoff impoundments. Additionally, vernal pools are not recorded by the SJMSCP within the City. However, some of the irrigation and drainage ditches/canals support riparian vegetation. Per the General Plan EIR, if the USACE determines that the irrigation and drainage ditches/canals, or the irrigation water impoundments on the western edge of the City represent waters "adjacent" to the San Joaquin River, these features would be regulated pursuant to Section 404.

According to Madrone, the project site was recently excavated, and wetland vegetation was not observed on-site. Thus, the proposed project would not have a substantial adverse effect on any riparian habitat, sensitive natural communities, or federally protected wetlands. Additionally, the proposed project would be subject to General Plan Policies RC-8.1 through RC-8.10 which require either compliance with the SJMSCP, or for those who opt out of participating in the SJMSCP, compliance with all other applicable local, state, and federal laws and regulation provisions through consultations with the Permitting Agencies and local planning agencies. Compliance with General Plan Policies RC-8.1, and RC-8.10, which protect and maintain sensitive habitats such as wetlands, would further ensure that impacts would be less than significant.

Based on the above, city-wide impacts related to having a substantial adverse effect on riparian habitat, sensitive natural communities, or federally protected wetlands were ***adequately addressed in the General Plan EIR***, which anticipated buildout of the project site. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. Pursuant to the General Plan EIR, native wildlife corridors are not known to occur in the City of Manteca. The nearest wildlife movement corridor identified by the CDFW is approximately 670 acres in the City of Lathrop, approximately 1.9 miles west of the planning area. Thus. The General Plan EIR concluded that with implementation of applicable policies, listed in Table 9, impacts to migratory corridors and wildlife nursery sites would be reduced to less than significant levels.

The project site is located east of the intersection of West Yosemite Avenue and Fishback Road. Kaiser Permanente Manteca Medical Center and medical offices are located north of the project site; office buildings and commercial uses to the east; single-family residences to the south; Sierra High School further south; and single-family residences and undeveloped land to the west. Therefore, given the development surrounding the project site, the potential for the proposed project to impact wildlife corridors or interfere substantially with the movement of native resident or migratory wildlife species is low. In addition, the proposed project would be consistent with the site's General Plan Commercial designation, and meet the density requirements of 20.1 to 30 du/ac. Due to the surrounding land being developed on all sides, the likelihood that species will cross through the site would be low, as the project site does not afford wildlife corridors for movement. General Plan Policies RC-8.3 and RC-8.8 are provided as measures to protect movement corridors from adverse effects associated with future development. Therefore, the impact to wildlife movement corridors would be less than significant.

Based on the above, impacts related to interfering substantially with the movement of any resident or migratory fish or wildlife species or with established resident or migratory wildlife corridors, or impede the use of wildlife nursery sites were ***adequately addressed***

in the General Plan EIR. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

e. The General Plan EIR concluded that compliance of the applicable General Plan Policies, implementation of the General Plan would result in a less-than-significant impact related to conflicting with local policies or ordinances protecting biological resources

Pursuant to Section 17.48.060 of the City's Zoning Ordinance, prior to the removal of any tree, the Community Development Director's approval is required. In addition, removal of trees planted as part of an approved landscape plan is required to be limited to trees that are in poor health, structurally distressed, or unsafe. Section 17.48.060 of the City's Zoning Ordinance further notes that the removal of a tree shall be the final recourse upon determining that it is infeasible to save the tree by any other method. In addition, replacement planting is required for removal at a rate of one 24-inch box tree for each removed tree that is two- to six-inches diameter at breast height, and one 36-inch box tree for each removed tree over six-inches.

According to the Arborist Report prepared by Wild Rye Consulting[10] (see Appendix B), six trees having a diameter standard height (DSH) of six inches or greater are currently located on the project site. The Arborist Report determined that the velvet ash trees located west of the existing residence on the project site should be removed as they are unsafe due to numerous structural issues. Overall, all six on-site trees would be removed as part of the proposed project. However, because the six trees proposed for removal qualify under the standards established by Section 17.48.060 of the City's Municipal Code, the trees would be replaced pursuant to the requirements set forth therein.

Based on the above, impacts related to conflicting with Section 17.48.060 of the City's Zoning Ordinance were ***adequately addressed in the General Plan EIR***, which anticipated buildout of the project site. Other policies related to protection of biological resources do not apply to the proposed project, beyond those discussed in questions 'a' through 'd' above, with which the project would be consistent. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

f. The General Plan Area is located within the planning area for the SJMSCP. The SJMSCP is a 50-year (2001-2051) multi-species, multi-habitat, multi-purpose open space management program that provides compensation for the conversion of open space to non-open space uses which affect the plant, fish, and wildlife species covered by the plan. The SJMSCP relies on minimizing, mitigating, and avoiding impacts for the covered species through monitoring and adaptive management.

The SJMSCP is a voluntary plan for project proponents. Project proponents who opt not to accept Plan coverage must proceed under the project-by-project application process, including consultation with individual local, State and federal permitting agencies. Because the SJMSCP is a voluntary plan, the General Plan EIR provides General Plan Policies RC-8.9 through RC-8.10 to implement measures to reduce the impact of expanding urban development on biological resources dependent on if project proponents opt to participate in the SJMSCP or not. According to the General Plan any project developing in the Study

[10] Wild Rye Consulting. *Arborist Report 1758 W, Yosemite Avenue, Manteca, California 95337*. December 14, 2023.

Area will likely be required to participate in the SJMSCP. Agricultural Habitat Lands include perennial and annual croplands and some ruderal vegetation types. Although agricultural, rangelands are primarily classified as Natural Lands since they are primarily grasslands or vernal pool grasslands. The project site is shown on the City of Manteca SJMSCP Compensation Map as Category B Other Open Spaces Pay Zone A. The proposed project would likely be required to participate in the SJMSCP and payment of mitigation fees may be used to mitigate for loss of special-status species and special-status plant species. Payment of fees and compliance with AMMs would minimize direct impacts and ensure that the proposed project would not conflict with an HCP.

Therefore, impacts related to conflicting with an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan were ***adequately addressed in the General Plan EIR***, which anticipated buildout of the project site. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

V. CULTURAL RESOURCES. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	☐	☐	✖
b. Cause a substantial adverse change in the significance of a unique archaeological resource pursuant to Section 15064.5?	☐	☐	✖
c. Disturb any human remains, including those interred outside of dedicated cemeteries.	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR analyzed potential impacts to archaeological, historical, and paleontological resources, starting on page 3.5-1. According to the General Plan EIR, 95 recorded cultural resources were identified within the planning area according to the files maintained by the Central California Information Center (CCIC). The 95 recorded cultural resources span both the prehistoric and historic periods and range from a Native American village site to historic period railroads, schools, buildings, and single-family homes. While the General Plan does not directly propose any adverse changes to any historic or archaeological resources, future development allowed under the General Plan could affect known historical and archaeological resources or unknown historical and archaeological resources which have not yet been identified. The General Plan EIR concluded that compliance with General Plan Policies, which can be found on pages 3.5-17 and 3.5-18 of the General Plan EIR, would ensure the impacts related to cultural resources would be less than significant.

General Plan Policies

Table 10 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to cultural resources.

Table 10
Applicable General Plan Policies: Cultural Resources

Policy
Policy RC-10.3 Do not approve any public or private project that may adversely affect an archaeological site without consulting the California Archaeological Inventory at Stanislaus State University, conducting a site evaluation as may be indicated, an attempting to mitigate any adverse impacts according to the recommendation of a qualified archaeologist. City implementation of this policy shall be guided by CEQA and the National Historic Preservation Act.
Policy RC-10.4 Require that the proponent of any development proposal in an area with potential archaeological resources, and specifically near the San Joaquin River and Walthall Slough, and on the east side of State Highway 99 at the Louise Avenue crossing, shall consult with the California Archaeological Inventory, Stanislaus State University to determine the potential for discovery of cultural resources, conduct a site evaluation as may be indicated, and mitigate any adverse impacts according to the recommendation of a qualified archaeologist. The survey and mitigation shall be developer funded.
Policy RC-10.5 Work with property owners seeking registration of historical structures as Historic Landmarks or listing on the Register of Historic Sites.
Policy RC-10 Encourage the voluntary identifiaction, conservation, and resue of historical structures, propoerties, and sites with special and recognized historic, architecural, or aesthetic value.

(Continued on next page)

Table 10
Applicable General Plan Policies: Cultural Resources

Policy
Policy RC-10.6 Support the efforts of property owners to preserve and renovate historic and architecturally significant structures. Where such buildings cannot be preserved intact, the City shall seek to preserve the building facades.
Policy RC-10.9 Review new development projects and work in conjunction with the California Historical Resources Information System to determine whether project areas contain known archaeological resources, either prehistoric and/or historic-era, or have the potential for such resources.
Policy RC-10.10 Ensure that human remains are treated with sensitivity and dignity, and ensure compliance with the provisions of California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097.98
Policy RC-10.11 Consistent with State, local, and tribal intergovernmental consultation requirements such as SB 18, consult as necessary with Native American tribes that may be interested in proposed new development and land use policy changes.

Discussion

a-c. Historical resources are features that are associated with the lives of historically-important persons and/or historically-significant events, that embody the distinctive characteristics of a type, period, region or method of construction, or that have yielded, or may be likely to yield, information important to the pre-history or history of the local area, California, or the nation. Examples of typical historical resources include, but are not limited to, buildings, farmsteads, rail lines, bridges, and trash scatters containing objects such as colored glass and ceramics. Archeological resources are the material evidence of human culture and activity in the past including artifacts, features, sites, and associated documentation.

According to the General Plan EIR, 95 recorded cultural resources were identified within the planning area according to the files maintained by the CCIC. The 95 recorded cultural resources span both the prehistoric and historic periods and range from a Native American village site to historic period railroads, schools, buildings, and single-family homes. While the General Plan does not directly propose any adverse changes to any historic or archaeological resources, future development allowed under the General Plan could affect known historical and archaeological resources or unknown historical and archaeological resources which have not yet been identified.

A project-specific Cultural Resources Study was conducted by Environmental Science Associates[11]. At the request of Environmental Science Associates the California Historical Resources Information Center (CHRIS) completed a records search for the project site and vicinity. The CHRIS records search found that previously recorded prehistoric or historic archaeological resources, or historic buildings or structures do not exist within or within a 0.5-mile radius of the project area. The project site is currently developed with a 1950 ranch style single-family residence with an irregular rectangular footprint measuring approximately 58 by 53 feet and oriented north/south. Although the building is an example of the mid-century ranch style, the residence does not represent the work of a master

[11] ESA Cultural Resources Group, 2023. *1758 West Yosemite Avenue, Manteca – Cultural Resources Study*. October 12, 2023.

craftsman, nor does it possess high artistic value. Furthermore, archival review of historic newspapers and genealogical information failed to identify any significant associations between the resource and lives of significant people in the past, and, thus, the on-site residence is not eligible for listing as a historic resource under any National Register or California Register criteria. The remainder of the project area is highly disturbed undeveloped land and is not near to any perineal water sources. Therefore, the potential of finding undocumented cultural resources within the project site is relatively low.

Pursuant to the General Plan EIR, implementation of applicable General Plan Policies would ensure that impacts to archaeological resources and human remains would be less than significant. Table 10 above provides a full list of General Plan Policies applicable to the proposed project that are related to the protection of cultural resources.

Given that the proposed project would be consistent with the site's General Plan land use designation, and considering that the cultural resources report prepared for the General Plan EIR and the CHRIS records search prepared for the proposed project did not identify any known cultural resources on-site, buildout of the project site and potential disturbance of buried archaeological resources or human remains have been anticipated by the City and analyzed in the General Plan EIR. In addition, the project would comply with all applicable General Plan Policies, listed above. Additionally, compliance with Action RC-10j would ensure that all new developments comply with conditions in the event of an inadvertent discovery of cultural resources or human remains to protect such resources by requiring for all work to halt upon discovery of cultural resources.

Based on the above, impacts related to causing a substantial adverse change in the significance of a historic or archaeological resource pursuant to CEQA Guidelines Section 15064.5 and/or disturbing human remains, including those interred outside of formal cemeteries, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

VI. ENERGY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 Analysis Under the General Plan EIR

The potential impacts to energy consumption and conservation from development facilitated by the General Plan were analyzed in the Greenhouse Gases, Climate Change, and Energy section of the General Plan EIR, starting on page 3.7-1. At buildout, the City's electricity and natural gas consumption would be used primarily to power buildings, though on-site solar generation would generate a substantial source of energy for the community at General Plan Buildout. Thus, the General Plan EIR concluded that a less-than-significant impact would occur related to the increase of energy consumption. The General Plan EIR lists several General Plan Policies, that would reduce future energy consumption throughout the City, and with the implementation of these General Plan Policies the impacts of energy consumption would be less than significant.

General Plan Policies

Table 11 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to energy.

Table 11
Applicable General Plan Policies: Energy

Policy
Policy RC-4.1 Support the conservation of energy through comprehensive and sustainable land use, transportation, and energy planning, implementation of greenhouse gas reduction measures, and inclusive public education and outreach regarding climate adaptation and greenhouse gas emissions to address opportunities to decrease emissions associated with growth, development, and local government operations.
Policy RC-4.3 Encourage private development to explore and apply non-traditional energy sources such as co-generation, wind, and solar to reduce dependence on traditional energy sources.
Policy RC-4.4 Require all new public and privately constructed buildings to meet and comply with construction and design standards that promote energy conservation, including the most current "green" development standards in the California Green Building Standards Code.
Policy RC-4.6 Increase energy efficiency and conservation in public buildings and infrastructure.
Policy RC-4.7 Require expanded innovative and green building best practices, where feasible, including, but not limited to, LEED certification for all new development and retrofitting existing uses, and encourage public and private projects to exceed the most current "green" development standards in the California Green Building Standards Code.
Policy RC-4.9 Support state efforts to power electricity with renewable and zero-carbon resources, such as solar and wind energy.

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Table 11
Applicable General Plan Policies: Energy

Policy
Policy RC-5.4 Require installation of energy-efficient appliances and equipment, including wood-burning devices, in development projects to meet current standards for controlling air pollution, including particulate matter and toxic air contaminants.

Discussion

a,b. The main forms of available energy supply are electricity, natural gas, and oil. Electricity and natural gas are currently provided to the project site by PG&E. A description of the 2022 California Green Building Standards Code and the Building Energy Efficiency Standards, with which the proposed project would be required to comply, as well as discussions regarding the proposed project's potential effects related to energy demand during construction and operations are provided below.

California Green Building Standards Code

The 2022 California Green Building Standards Code, otherwise known as the CALGreen Code (CCR Title 24, Part 11), is a portion of the 2022 CBSC, which became effective with the rest of the CBSC on January 1, 2023. The purpose of the CALGreen Code is to improve public health, safety, and general welfare by enhancing the design and construction of buildings through the use of building concepts having a reduced negative impact or positive environmental impact and encouraging sustainable construction practices. The provisions of the code apply to the planning, design, operation, construction, use, and occupancy of every newly constructed building or structure throughout California. Requirements of the CALGreen Code include, but are not limited to, the following measures:

- Compliance with relevant regulations related to future installation of Electric Vehicle (EV) charging infrastructure in residential and non-residential structures;
- Indoor water use consumption is reduced through the establishment of maximum fixture water use rates;
- Outdoor landscaping must comply with the California Department of Water Resources' MWELO, or a local ordinance, whichever is more stringent, to reduce outdoor water use;
- Diversion of 65 percent of construction and demolition waste from landfills;
- Mandatory use of low-pollutant emitting interior finish materials such as paints, carpet, vinyl flooring, and particle board.
- For some single-family and low-rise residential structures developed after January 1, 2020, mandatory on-site solar energy systems capable of producing 100 percent of the electricity demand created by the residence(s). Certain residential developments, such as developments that are subject to substantial shading, rendering the use of on-site solar photovoltaic systems infeasible, may be exempted from the foregoing requirement on a case by case basis.

Building Energy Efficiency Standards

The 2022 Building Energy Efficiency Standards is a portion of the CBSC, which expands upon energy efficiency measures from the 2019 Building Energy Efficiency Standards. resulting in a reduction in energy consumption from the 2019 standards for residential structures. Energy reductions relative to previous Building Energy Efficiency Standards

would be achieved through various regulations including requirements for the use of high efficacy lighting, improved water heating system efficiency, and high-performance attics and walls.

As incorporated in the 2019 Building Energy Efficiency Standards, the 2022 Building Energy Efficiency Standards require that certain residential developments, including some single-family and low-rise residential developments, include on-site solar energy systems capable of producing 100 percent of the electricity demanded by the residences.[12]

Construction Energy Use

Construction of the proposed project would involve on-site energy demand and consumption related to use of oil in the form of gasoline and diesel fuel for construction worker vehicle trips, hauling and materials delivery truck trips, and operation of off-road construction equipment. In addition, diesel-fueled portable generators may be necessary to provide additional electricity demands for temporary on-site lighting, welding, and for supplying energy to areas of the site where energy supply cannot be met through a hookup to the existing electricity grid. Project construction would not involve the use of natural gas appliances or equipment.

Even during the most intense period of construction, due to the different types of construction activities (e.g., site preparation, grading, building construction), only portions of the project site would be disturbed at a time, with operation of construction equipment occurring at different locations on the project site, rather than a single location. In addition, all construction equipment and operation thereof would be regulated per the CARB In-Use Off-Road Diesel Vehicle Regulation. The In-Use Off-Road Diesel Vehicle Regulation is intended to reduce emissions from in-use, off-road, heavy-duty diesel vehicles in California by imposing limits on idling, requiring all vehicles to be reported to CARB, restricting the addition of older vehicles into fleets, and requiring fleets to reduce emissions by retiring, replacing, or repowering older engines, or installing exhaust retrofits. The In-Use Off-Road Diesel Vehicle Regulation would subsequently help to improve fuel efficiency and reduce energy use. Technological innovations and more stringent standards are being researched, such as multi-function equipment, hybrid equipment, or other design changes, which could help to reduce demand on oil and emissions associated with construction.

The CARB has prepared the *2022 Climate Change Scoping Plan Update* (2022 Scoping Plan),[13] which lays out the sector-by-sector roadmap for California to achieve carbon neutrality by 2045 or earlier, outlining a technologically feasible, cost-effective, and equity-focused path to achieve the state's climate target. Appendix D of the 2022 Scoping Plan includes examples of local actions (municipal code changes, zoning changes, policy directions, and mitigation measures) that would support the State's climate goals. The examples provided include, but are not limited to, developing local climate action plans (CAPs) and strategies consistent with the State's GHG emission reduction goals, incorporating State-level GHG priorities into their processes for approving land use plans and individual projects, and implementing CEQA mitigation, as needed to reduce GHG emission associated with new land use development projects. The regulations described above, with which the project must comply, would be consistent with the intention of the

[12] California Energy Commission. *Title 24 2022 Building Energy Efficiency Standards Summary*. August 2021.
[13] California Air Resources Board. *The 2022 Climate Change Scoping Plan Update.* December 2022.

2022 Scoping Plan and the recommended actions included in Appendix D of the 2022 Scoping Plan.

Based on the above, the temporary increase in energy use occurring during construction of the project would not result in a significant increase in peak or base demands or require additional capacity from local or regional energy supplies. In addition, the proposed project would be required to comply with all applicable regulations related to energy conservation and fuel efficiency, which would help to reduce the temporary increase in demand. Furthermore, the proposed project would be consistent with the site's existing General Plan land use designation; thus, development of the site and associated energy demands have been previously anticipated by the City and evaluated in the General Plan EIR.

Operational Energy Use

As noted in the General Plan EIR, new development within the City would be subject to compliance with all relevant General Plan Policies as well as applicable portions of the CBSC, which would help to prevent energy waste and encourage renewable energy generation.

Following implementation of the proposed project, PG&E would provide electricity to the project site. Energy use associated with operation of the proposed project would be typical of residential uses, requiring electricity for interior and exterior building lighting, heating, ventilation, and air conditioning (HVAC), electronic equipment, machinery, refrigeration, appliances, security systems, and more. Maintenance activities during operations, such as landscape maintenance, would involve the use of electric or gas-powered equipment. In addition to on-site energy use, the proposed project would result in transportation energy use associated with vehicle trips generated by the proposed development.

The proposed project would be subject to all relevant provisions of the most recent update of the CBSC, including the Building Energy Efficiency Standards. Adherence to the most recent CALGreen Code and the Building Energy Efficiency Standards would ensure that the proposed structures would consume energy efficiently through the incorporation of such features as efficient water heating systems, high performance attics and walls, and high efficacy lighting. Required compliance with the CBSC would ensure that the building energy use associated with the proposed project would not be wasteful, inefficient, or unnecessary.

With regard to transportation energy use, the proposed project would comply with all applicable regulations associated with vehicle efficiency and fuel economy. In addition, as discussed in Section XVII, Transportation, of this Modified Initial Study/15183 Checklist, the project site is located within close proximity to existing pedestrian and bicycle infrastructure, and the development of additional pedestrian and bicycle lanes would be required as a condition of approval for the proposed project, which would encourage residents to use alternative transportation.

Based on the above, compliance with the State's latest Energy Efficiency Standards would ensure that the proposed project would implement all necessary energy efficiency regulations. In addition, the proposed project would be required to comply with all applicable regulations related to energy conservation and fuel efficiency, which would help to reduce the temporary increase in demand. Furthermore, the proposed project would be consistent with the site's existing General Plan land use designation; thus, development

of the site and associated energy demands have been previously anticipated by the City and evaluated in the General Plan EIR.

Conclusion

Based on the above, the proposed project would involve energy use associated with construction activities and operations; however, given that the proposed project would be consistent with the site's General Plan land use designation, buildout of the project site and associated energy demands have been anticipated by the City and analyzed in the General Plan EIR. In addition, the project would comply with applicable General Plan Policies, as well as other State energy standards, which would ensure that construction and operation of the proposed project would not result in wasteful, inefficient, or unnecessary consumption of energy resources or conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Based on the above, impacts related to energy use would be less than significant, and were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

VII. GEOLOGY AND SOILS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	✖
ii. Strong seismic ground shaking?	☐	☐	✖
iii. Seismic-related ground failure, including liquefaction?	☐	☐	✖
iv. Landslides?	☐	☐	✖
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	✖
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	✖
d. Be located on expansive soil, as defined in Table 18-1B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	✖
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	✖
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR analyzed potential environmental effects from implementation of the General Plan on soil erosion, expansive soils, and seismicity, starting on page 3.6-1. The General Plan EIR determined that compliance with General Plan Policies and CBSC would ensure that a less-than-significant impact would occur related to the potential for loss, injury, or death following a seismic event. Additionally, the General Plan EIR concluded that compliance with State and federal regulations and General Plan Policies would result in a less-than-significant impact from erosion and loss of topsoil and construction of structures on expansive soils. The General Plan EIR concluded that implementation of the General Plan would result in a less-than-significant impact from soils incapable of adequately supporting septic tanks or alternative wastewater disposal systems in the unavailability of sewers. Furthermore, the General Plan EIR concluded that implementation of the General Plan would result in a less-than-significant impact regarding directly or indirectly destroying a unique paleontological resource or site or unique geologic feature.

General Plan Policies

Table 12 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to geology and soils.

Table 12
Applicable General Plan Policies: Geology and Soils

Policy
RC-3.1 Encourage best practices to enhance soil quality to minimize soil erosion and loss of topsoil from land development activities, wind, and water flow.
Policy S-2.1 Enforce adopted regulations to identify and address potential hazards relating to seismic, geological, and soils conditions.
Policy S-2.2 Regulate development in areas of seismic and geologic hazards to reduce risks to life and property associated with earthquakes, liquefaction, erosion, and expansive soils.
Policy S-2-3 Require new development to mitigate the potential impacts of geological and seismic hazards, including uncompacted fill, liquefaction, and subsidence, through the development review process.
Policy S2-4 Continue to require professional inspection of foundation, excavation, earthwork, and other geotechnical aspects of site development during construction on those sites specified in geotechnical studies as being prone to moderate or greater levels of seismic or geologic hazard.
Policy S2-6 Ensure that all public facilities, including buildings, water tanks, and reservoirs, are structurally sound and able to withstand seismic shaking and the effects of seismically-induced ground failure, consistent with the California Building Standards Codes and other applicable standards.

Discussion

ai-aiv. Pursuant to the General Plan EIR, Manteca is not located within an Alquist-Priolo Fault-Rupture Hazard Zone, and known active surface fault ruptures are not located within or adjacent to the General Plan EIR Study Area. As such, the City is not subject to strong seismic ground shaking. It should be noted that lands within San Joaquin County had not been mapped in the California Department of Mines and Geology Seismic Hazard Zone Mapping System at the time of the General Plan EIR being written. However, San Joaquin County has since been mapped and the project site is not located within an Alquist-Priolo Fault-Rupture Hazard Zone, Landslide Zone or Liquefaction Zone.[14]

A Geotechnical Engineering Investigation was prepared for the proposed project by CTE Cal, Inc. (see Appendix C).[15] As part of the Geotechnical Engineering Investigation, CTE Cal Inc. conducted 19 explanatory borings and three percolation test holes to determine the geometry and geotechnical characteristics of subsurface geologic deposits at the site areas proposed for new construction. According to the Geotechnical Engineering Investigation, the project site consists of generally flat residential property surrounded by wire fencing. The subsurface geotechnical investigation included conducting a site storm water disposal soil suitability evaluation by way of percolation testing. The evaluation included the drilling and testing of three percolation test holes that were drilled from existing lot grade to a depth of three feet. Although groundwater was not encountered with the percolation test, groundwater was encountered in the boring locations at an approximate depth of 20 feet below ground surface (bgs).

[14] California Department of Conservation. *Geologic Hazards Data & Maps*. Available at: https://maps.conservation.ca.gov/geologichazards/. Accessed March 2021.

[15] CTE Cal, Inc. *Geotechnical Engineering Investigation: 1758 W. Yosemite Avenue, Manteca, CA 95337*. November 22, 2023.

Fault Rupture and Seismic Ground Shaking

As noted above, Manteca is not located within an Alquist-Priolo Fault-Rupture Hazard Zone and known active surface fault ruptures are not known to be located within or adjacent to the General Plan EIR Study Area. As such, based on the Geotechnical Engineering Investigation the potential for surface rupture from displacement or fault movement directly beneath the proposed improvements is considered low.

Liquefaction

Liquefaction is a soil strength and stiffness loss phenomenon that typically occurs in loose, saturated cohesionless soils because of strong ground shaking during earthquakes. The potential for liquefaction at a site is usually determined based on the results of a subsurface geotechnical investigation and the groundwater conditions beneath the site. Hazards to buildings associated with liquefaction include bearing capacity failure, lateral spreading, and differential settlement of soils below foundations, which can contribute to structural damage or collapse. According to the Geotechnical Engineering Investigation, based on the site location, the relatively low intensity of ground shaking expected, the relatively deep ground water and the consistency of the subsurface materials, the possibility of large differential settlements due to seismic dry sand settlement or liquefaction is considered moderate. However, the California Department of Conservation does not include any identified liquefaction hazard zones within the project area. Overall, the proposed project would be subject to applicable General Plan Policies presented in the General Plan EIR to mitigate possible exposure of people and structures to liquefaction, including Policy S-2.2, and liquefaction impacts associated with new development would be less than significant.

Landslides

Seismically-induced landslides are triggered by earthquake ground shaking. The risk of landslide hazard is greatest in areas with steep, unstable slopes. Pursuant to the General Plan EIR, slopes are nearly level across the General Plan Study Area. Manteca is characterized by generally flat topography and is not subject to substantial risk from landslides. In addition, the project site does not contain any steep or unstable slopes. As such, landslide hazards associated with the proposed project would be less than significant.

Conclusion

Based on the above, Manteca is not located within an Alquist-Priolo Fault-Rupture Hazard zone and the potential for surface rupture is low. The California Department of Conservation did not identify a liquefaction hazard zone within the project area, thus, liquefaction impacts associated with development would be less than significant. Additionally, Manteca is made up of generally flat topography and is not subject to substantial risk from landslides. According to the Geotechnical Engineering Investigation the potential for surface rupture from displacement or fault movement directly beneath the proposed improvements is considered low and based on the site location, the possibility of large differential settlements due to seismic dry sand settlement or liquefaction is considered moderate. Furthermore, the General Plan EIR concluded that with compliance with applicable General Plan Policies, such as Policy S-2.7, which requires new critical infrastructure to incorporate site specific seismic structural design, impacts related to fault rupture hazards, strong seismic ground shaking, seismic-related liquefaction, and earthquake-induced landslides would be less than significant. Given that the proposed project would be consistent with the site's General Plan land use designation, potential

geologic hazards associated with buildout of the project site have been anticipated by the City and analyzed in the General Plan EIR. Based on the above, impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b. Issues related to erosion are discussed in Section X, Hydrology and Water Quality, of this Modified Initial Study/15183 Checklist. As noted therein, the project would comply with the City's National Pollutant Discharge Elimination System (NPDES) permit and all feasible best management practices (BMPs) to reduce erosion. As such, the proposed project would not result in substantial soil erosion or the loss of topsoil. Thus, as concluded in the General Plan EIR, a less-than-significant impact would occur. Impacts were ***adequately addressed in the General Plan EIR***, and effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. As noted above, the City is considered nearly level, and the project site does not contain any steep slopes, nor are liquefiable soils located within the project site. Therefore, the proposed project is not subject to risk from landslide, liquefaction, or seismic settlement. Because risks related to landslide and liquefaction were discussed above, the following discussion focuses on lateral spreading and subsidence.

Lateral Spreading

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water. Typically, lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of the exposed slope. The amount of movement depends on the soil strength, duration and intensity of seismic shaking, topography, and free face geometry. The project site does not contain any slopes, nor is the site located near any open faces that would be considered susceptible to lateral spreading. Therefore, the potential for lateral spreading to pose a risk to the proposed development is relatively low. In addition, the General Plan EIR concluded that with compliance with applicable General Plan Policies, lateral spreading hazards would be less than significant.

Subsidence/Settlement

Subsidence is the settlement of soils of very low density generally from either oxidation of organic material, or desiccation and shrinkage, or both, following drainage. Subsidence takes place gradually, usually over a period of several years. The Soil Survey completed for the General Plan EIR concluded that subsidence is not a characteristic of the soils found within the Study Area. The General Plan EIR concluded that compliance with the policies within the General Plan, specifically Policy S-2.1, would ensure that any potential risks related to subsidence/settlement would be reduced to a less-than-significant level.

Conclusion

Given that the proposed project would be consistent with the site's General Plan land use designation, potential lateral spreading risks associated with buildout of the project site have been anticipated by the City and analyzed in the General Plan EIR. Therefore, impacts related to being located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially resulting in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse, were ***adequately***

addressed in the General Plan EIR. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. Expansive soils can undergo significant volume change with changes in moisture content. Specifically, such soils shrink and harden when dried and expand and soften when wetted. Expansive soils can shrink or swell and cause heaving and cracking of slabs-on-grade, pavements, and structures founded on shallow foundation. Building damage due to volume changes associated with expansive soil can be reduced by a variety of solutions. If structures are underlain by expansive soils, foundation systems must be capable of tolerating or resisting any potentially damaging soil movements, and building foundation areas must be properly drained. Exposed soils must be kept moist prior to placement of concrete for foundation construction.

The General Plan EIR determined that according to the NRCS Web Soil Survey, the soils in the planning area vary from a low shrink-swell potential to a high shrink-swell potential. The majority of the planning area soils have a low potential, and a small portion of the western planning area have a moderate to high potential. According to the Geotechnical Engineering Investigation the near surface soils encountered on the project site are classified as non-plastic and low plastic with low expansion potential.

Overall, the General Plan EIR concluded that compliance with applicable General Plan Policies, including Policies S-2.1 and S-2.2, would reduce impacts related to expansive soils to less than significant. Given the proposed project would be consistent with the site's General Plan land use designation, expansive soil risks associated with buildout of the project site have been anticipated by the City and analyzed in the General Plan EIR. Furthermore, potentially expansive soils do not exist within the project site. Therefore, impacts related to being located on expansive soil, as defined in Table 18-1B of the Uniform Building Code, thereby creating substantial direct or indirect risks to life or property, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

e. Pursuant to the General Plan EIR, all proposed development in the General Plan area would be served by the City's municipal sewer system. Septic tanks or alternative wastewater systems would not be used. Therefore, the General Plan EIR concluded that a less than significant impact would occur related to the use of septic tanks or alternative wastewater systems.

The proposed project would connect to existing City sewer services. Thus, the construction or operation of septic tanks or other alternative wastewater disposal systems is not included as part of the project. Therefore, impacts related to the use of septic tanks or alternative wastewater disposal systems were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

f. Paleontological resources or fossils are the remains of prehistoric plant and animal life. As noted in the General Plan EIR these records—fossils and their geologic context—exist in large quantities below the surface in many areas in and near the City of Manteca. The project would comply with the City's General Plan Policies to reduce the potential for

directly or indirectly destroying a unique resource on site. For example, Policy RC-10 would require a paleontological survey in an area that is sensitive for paleontological resources to reduce adverse impacts to the resource. As such, the proposed project would not result in substantial issues related to destroying a unique paleontological resource or site or unique geologic feature. Thus, as concluded in the General Plan EIR, a less-than-significant impact would occur. Impacts were ***adequately addressed in the General Plan EIR***, and effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

VIII. GREENHOUSE GAS EMISSIONS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 gasses?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The potential impacts related to GHG emissions from development facilitated by the General Plan were analyzed in the Greenhouse Gases, Climate Change, and Energy section of the General Plan EIR, starting on page 3.7-1. According to the General Plan EIR, the General Plan is consistent with the 2013 Manteca CAP and implementation of measure RC-4a in the General Plan EIR would ensure that the CAP is updated to address State-established GHG reduction targets. As such, impacts were determined to be less than significant.

General Plan Policies

GHG emissions were not addressed in the General Plan EIR. However, the policies listed in Table 13 were included in the Air Quality Element Update, and are applicable to the proposed project.

Table 13
Applicable General Plan Policies: GHG Emissions

Policy
RC-4.1 Support the conservation of energy through comprehensive and sustainable land use, transportation, and energy planning, implementation greenhouse gas reduction measures, and inclusive public education and outreach regarding climate adaptation and greenhouse gas emissions to address opportunities to decrease emissions associated with growth, development, and local government operations.
RC-4.2 Support and actively participate with the State, regional, and local agencies and stakeholders toward State greenhouse gas emission reduction goals.
RC-4.3 Maintain a Climate Action Plan that addresses State-adopted GHG reduction goals and provides effective measures to meet GHG targets.
RC-4.5 Require private development to incorporate non-traditional non-polluting renewable energy sources such as co-generation, wind, and solar, where feasible, to reduce dependence on fossil fuels and meet climate goals.
RC-4.6 Require all new public and privately constructed buildings to exceed, where feasible, and comply with construction and design standards' that promote energy conservation, including the most current "green" development standards in the California Green Building Standards Code.
RC-4.7 Require expanded innovative and green building best practices, where feasible, including, but not limited to, LEED certification for all new development and retrofitting existing uses, and encourage public and private projects to exceed the most current "green" development standards in the California Green Building Standards Code.
RC-4.8 Increase energy efficiency and conservation in public buildings and infrastructure.

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Table 13
Applicable General Plan Policies: GHG Emissions

Policy
R-4.11 Encourage state efforts to power electricity with renewable and zero-carbon resources, such as solar and wind energy.

Discussion

a,b. As noted above, GHG emissions were addressed in the General Plan EIR starting on page 3.7-1. As noted therein, according to the General Plan EIR the General Plan is consistent with the 2013 Manteca CAP, and IMP. As such, impacts were determined to be less than significant.

Emissions of GHGs contributing to global climate change are attributable in large part to human activities associated with the industrial/manufacturing, utility, transportation, residential, and agricultural sectors. Therefore, the cumulative global emissions of GHGs contributing to global climate change can be attributed to every nation, region, and Town, and virtually every individual on Earth. An individual project's GHG emissions are at a micro-scale level relative to global emissions and effects to global climate change; however, an individual project could result in a cumulatively considerable incremental contribution to a significant cumulative macro-scale impact. As such, impacts related to emissions of GHG are inherently considered cumulative impacts.

Implementation of the proposed project would cumulatively contribute to increases of GHG emissions. Estimated GHG emissions attributable to future development would be primarily associated with increases of carbon dioxide (CO_2) and, to a lesser extent, other GHG pollutants, such as methane (CH_4) and nitrous oxide (N_2O) associated with area sources, mobile sources or vehicles, utilities (electricity and natural gas), water usage, wastewater generation, and the generation of solid waste. The primary source of GHG emissions for the project would be mobile source emissions. The common unit of measurement for GHG is expressed in terms of annual metric tons of CO_2 equivalents ($MTCO_2e$/yr).

In September 2006, AB 32 was enacted, which requires that statewide GHG emissions be reduced to 1990 levels by the year 2020. AB 32 delegated the authority for implementation to the CARB and directs the CARB to enforce the statewide cap. In accordance with AB 32, CARB prepared the Climate Change Scoping Plan (Scoping Plan) for California, which was approved in 2008 and subsequently revised in 2014 and 2017. The 2017 revision to the Scoping Plan updated the plan in compliance with Senate Bill (SB) 32. SB 32 codified emissions reduction targets for the year 2030, which had previously been established by Executive Order B-30-15.

Pursuant to Section 15183.5 of the CEQA Guidelines, a project may satisfy applicable GHG analysis requirements under CEQA by demonstrating compliance with a qualified CAP. Specifically, Section 15183.5 states the following:

> Lead agencies may analyze and mitigate the significant effects of greenhouse gas emissions at a programmatic level, such as in a general plan, a long range development plan, or a separate plan to reduce greenhouse gas emissions. Later Project-specific environmental documents may tier from and/or incorporate by reference that existing programmatic review. Project-specific environmental

documents may rely on an EIR containing a programmatic analysis of greenhouse gas emissions as provided in section 15152 (tiering), 15167 (staged EIRs) 15168 (program EIRs), 15175-15179.5 (Master EIRs), 15182 (EIRs Prepared for Specific Plans), and 15183 (EIRs Prepared for General Plans, Community Plans, or Zoning).

On October 15, 2013, the City of Manteca adopted their CAP, which is intended to support the goals of AB 32. The CAP is designed to reduce community-related and City operations-related GHG emissions to a degree that would not hinder or delay implementation of AB 32. In order to do such, the City has outlined a course of action for the City government and the community of Manteca to reduce per capita GHG emissions. Projects showing consistency with the CAP would be considered not to contribute significant GHG emissions impacts.

For new development projects constructed in the City of Manteca, the CAP requires the development projects to achieve GHG emissions reductions by implementing specific reduction strategies. The City of Manteca CAP is consistent with the goals presented in AB 32 and, therefore, projects considered consistent with the CAP would be considered to result in a less-than-significant impact related to GHG emissions. The proposed project's consistency with the reduction strategies in the CAP is assessed in Table 14 below.

Table 14
City of Manteca CAP Consistency

CAP Strategy	Consistency Discussion
Comply with the applicable land use, sustainable development, and resource conservation policies of the Manteca General Plan.	Surrounding existing land uses include single-family residences to the south with Sierra High school located further south, across Thomas Street; single-family residences to the east, northeast, and west; and Kaiser Medical Center to the north. Because the project site is surrounded by development on all sides, the project would be considered an infill development. Furthermore, the proposed residential project is an allowed use within the Commercial Mixed Use land use designation, provided they meet the requirements of Policy LU-4.6 and meet the density requirements of 20.1 to 30 units per acre. Therefore, would inherently comply with the applicable land use plan. As noted throughout this Modified Initial Study, the project would be required to comply with applicable General Plan Policies. Based on the above, the proposed project would comply with this measure.
Construct project transportation infrastructure that supports walking, bicycling, and transit use.	Route 4 of Manteca transit stops at West Yosemite Avenue and Saint Dominics Drive intersections, approximately 0.18-mile southwest of the project site, which would offer public transit accessibility options to future residents of the proposed project. A future Class IV Separated Bikeway Path would be constructed on Yosemite Avenue along the project frontage as a condition of approval for the proposed project. As such, the proposed project would comply with this measure.

(Continued on next page)

Table 14
City of Manteca CAP Consistency

CAP Strategy	Consistency Discussion
Implement Transportation Demand Management (TDM) programs in projects with large numbers of employees.	According to the CAP, the SJVAPCD has adopted Rule 9410, Employer Based Trip Reduction, which requires employers with over 100 employees to implement trip reduction programs. Considering the proposed multi-family housing development would not involve the employment of 100 or more employees, this measure does not apply to the proposed project.
Design and construct project buildings to exceed Title 24 Energy Efficiency Standards by at least 10 percent.	The proposed project would be designed to comply with all applicable provisions of the 2022 CBSC, including the 2022 Title 24 Energy Efficiency Standards, and would provide on-site generation of renewable energy. Compliance with the 2022 CBSC has been shown to reduce energy consumption in comparison to buildings constructed under the 2019 Title 24 standards. Considering the City's CAP was prepared in 2013, and the proposed project would comply with the 2022 CBSC, the project would exceed the Title 24 Energy Efficiency Standards which are referenced in the CAP. As such, the project would comply with the reduction measure.
Implement project buildings including water conservation measures that meet or exceed the California Green Building Code standards 20 percent requirement.	The proposed project would be required to meet the water efficiency regulations within the CALGreen Code. As such, the proposed project would comply with this measure.
Install project landscaping that meets or exceeds water conservation standards of the City's adopted landscaping ordinance 20 percent reduction requirement.	Landscaping within the project site would be required to comply with the CALGreen Code and all water efficiency measures therein, including the MWELO. In addition, the project would be required to comply with the adopted water conservation standards set forth in Chapter 17.48 of the City's Municipal Code. As such, the proposed project would comply with this measure.
Develop programs to exceed state recycling and diversion targets by at least 10 percent.	Pursuant to Municipal Code Section 13.02.120, all construction materials associated with the proposed project, where the total cumulative sf of the project area exceed 5,000 sf, shall be recycled. The City of Manteca offers a free commercial recycling pickup service which would be available to the proposed project during operations. As such, the project would be able to comply with this measure.

Source: City of Manteca. Climate Action Plan. October 15, 2013.

Conclusion

Based on the above, the proposed project would not conflict with the City's CAP. Therefore, impacts related to the generation of GHG emissions, either directly or indirectly, that may have a significant impact on the environment, and could conflict with applicable plans, policies, and regulations adopted for the purpose of reducing the emissions of GHGs, would not occur. The General Plan EIR addressed GHG emissions starting on page 3.7-1, as noted above, this analysis did not identify any new impacts related to such. As a result, impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

IX. HAZARDS AND HAZARDOUS MATERIALS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 likely 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?	☐	☐	✖
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	✖
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	✖
g. Expose people or structures, either directly or indirectly, to the risk of loss, injury or death involving wildland fires?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR, starting on page 3.8-1, analyzed impacts associated with exposure to hazards and hazardous materials, specifically those related to the use, transportation, and accidental release of hazardous materials, new development or re-development on contaminated sites, air traffic hazards, interference with emergency response and evacuation plans, and the risk of exposure to wildland fires. The General Plan EIR found that compliance with applicable regulations and General Plan Policies would minimize the risk of spills and the public's potential exposure to hazardous materials, as well as the risk to schools and students of being within one-quarter mile of hazardous emissions or hazardous materials, and interference with emergency response and evacuation plans, resulting in a less-than-significant impact for each. Additionally, the General Plan EIR concluded the General Plan, through compliance with regulations and policies, would result in a less than significant related to developing sites which are located on a hazardous materials site pursuant to Government Code Section 65962.5.

General Plan Policies

Table 15 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to hazards and hazardous materials.

Table 15
Applicable General Plan Policies: Hazards and Hazardous Materials

Policy
Policy S-1.1 Maintain and periodically update the City's Emergency Plan.
Policy S-1.5 Continue to cooperate with San Joaquin County and other public agencies in implementing the Countywide Emergency Preparedness Plan and Local Hazard Mitigation Plan.
Policy S-2.7 Require compliance with the State's building standards in the design and siting of critical facilities, including police and fire stations, school facilities, hospitals, hazardous materials manufacturing and storage facilities, and large public assembly halls.
Policy S-4.1 Maintain an awareness of hazardous materials throughout the Manteca region.
Policy S-4.2 Strictly regulate the production, use, storage, transport, and disposal of hazardous materials in compliance with local, federal, and State requirements to protect the health and safety of Manteca residents.
Policy S-4.3 As part of the development review process, consider the potential for the production, use, storage, transport, and/or disposal of hazardous materials and provide for appropriate controls on such hazardous materials consistent with federal, state, and local standards.
Policy S-4.4 Use the environmental review process to comment on Hazardous Waste Transportation, Storage and Disposal Facilities proposed in the Manteca Planning Area and throughout the County to request a risk assessment and ensure that potentially significant, widespread, and long-term impacts on public health and safety of these facilities are identified and mitigated, as such impacts do not respect jurisdictional boundaries.
Policy CF-3.4 Design and maintain roadways in such a way so as to maintain acceptable emergency vehicle response times.
Policy CF-3.5 Ensure that new development is designed, constructed, and equipped consistent with the requirements of the California Fire Code in order to minimize the risk of fire.

Discussion

a,b. As noted in the General Plan EIR, the overall quantity of hazardous materials and waste generated in the City could incrementally increase as a result of implementation of the General Plan. However, compliance with existing applicable regulations and the General Plan Policies listed in Table 15 would ensure that risks from routine use, transport, handling, storage, disposal, and release of hazardous materials would be minimized. The General Plan EIR concluded that, given compliance with applicable General Plan Policies, as well as State and federal regulations related to hazardous waste, impacts would be less than significant.

A Phase I Environmental Site Assessment (ESA) was prepared by KCE Matrix, inc. for the proposed project (Appendix D) [16] to assess the potential for existing hazardous substances and/or petroleum product impacts at the project site. The purpose of the Phase I ESA was to identify any conditions peculiar to the project site, including evidence or indication of recognized environmental conditions (RECs), which is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or

[16] KCE Matrix Consulting Engineers. *Phase I Environmental Site Assessment Report*. October 2023.

at a property. In order to identify the presence of RECs on site, the following was conducted:

- A review of the physical setting of the project site to obtain information concerning the topographic, geologic, and hydrologic characteristics of the site and the project vicinity to identify the direction and/or extent that a contaminant could migrate in the event of a spill or release.
- A public records review of available Federal, State, and local regulatory agency records to obtain information that could potentially help identify RECs at or potentially effecting the project site.
- A historical reference review to assess the history of previous uses of the site and surrounding area to identify those that could have led to RECs on or near the project site. Historical sources reviewed included aerial photographs, topographic maps, and city directories. In addition, interviews with persons who were expected to be reasonably knowledgeable about historical and/or current conditions and uses at the project site were conducted.
- A site reconnaissance to observe site conditions and activities for indications of evidence of RECs. The site reconnaissance was for the project site only, and offsite properties and features were viewed solely from the vantage of the project site and public thoroughfares.

The project site was used for agricultural purposes over an extended period of time from at least 1937 through 1968, and possibly as recently as 2009. As such, the potential presence of organochlorine pesticides (OCP) and associated metals in the soil of the project site are considered to be RECs. In addition, on September 19, 2023, a representative of KCE Matrix conducted a site inspection for the project site. Based on the assessment of work performed and the RECs identified, the following recommendations were made: perform subsurface soil assessment on the subject property for pesticides, and to access any potential impact from metals; subsurface soil-vapor assessment for subject property as related to pesticides, and; perform assessment such that Vapor Encroachment Conditions (VEC) from historic agricultural activity on the subject site and in the immediate site vicinity is adequately assessed. Based on the Vapor Encroachment Screen (VES) conducted as part of the Phase I ESA, a VEC originating from the project site could not be ruled out. In addition, a VEC originating from other nearby sites in the vicinity for the subject property could not be ruled out. Furthermore, as discussed above, it is possible that some of the building materials in such structures may contain ACM or LBP in association with the project site. However, the General Plan includes Action S-4a, which requires that, as part of the development review process, projects that result in significant risks associated with hazardous materials include measures to address the risks to an acceptable level.

In order to ensure that impacts related to RECs would not occur, consistent with Action S-4a described above, the City of Manteca would require the following standard condition of approval for the proposed project as recommended by the Phase I Environmental Site Assessment:

> Prior to approval of any grading permits, a Phase II ESA, including a subsurface soil assessment and subsurface soil vapor assessment, shall be conducted in accordance with the California Department of Toxic Substances Control (DTSC) Interim Guidance for Sampling Agricultural Properties dated August 7, 2008 to confirm the presence and concentrations of pesticides and associated metals in

soil on the project site, as well as the presence of a Vapor Encroachment Condition (VEC) from historic agricultural activity on the project site and immediate site vicinity. All soil samples shall be tested in accordance with the United States Environmental Protection Agency (USEPA) Test Methods. Results of the Phase II ESA shall be submitted to the City's Planning and Public Works Department. If pesticide and associated metal concentrations higher than the allowable DTSC screening levels (DTSC-SLs) and the U.S. Environmental Protection Agency's (USEPA's) Regional Screening Levels (RSL) are detected, the Phase II ESA shall include the appropriate mitigation including, but not limited to, soil remediation to an acceptable total threshold limit concentration (TTLC) level per applicable State and federal regulations. All recommended mitigation measures shall be implemented by the project applicant, subject to review and approval by the City's Planning and Public Works Department.

In addition, based on the historic information obtained during the site investigation, the existing residence and associated outbuildings have been present on the project site since at least 1937. For buildings constructed prior to 1980, the Code of Federal Regulations (29 CFR 1926.1101) states that all thermal system insulation (boiler insulation, pipe lagging, and related materials) and surface materials must be designated as "presumed asbestos-containing material" (ACM) unless proven otherwise through sampling in accordance with the standards of the Asbestos Hazard Emergency Response Act. Therefore, the potential exists that ACMs were used in the construction of the on-site structures. Construction and demolition projects that have the potential to disturb asbestos (from soil or building material) are required to comply with all the requirements of the CARB's airborne toxic control measures (ATCMs) for construction, grading, quarrying, and surface mining operations. In addition, structures built prior to 1978, and especially prior to the 1960s, are expected to contain lead-based paint (LBP). Given that the existing on-site structures were constructed prior to 1978, the proposed project could potentially expose construction workers to LBP during demolition of the structures. However, Title 8, CCR Section 1532.1 establishes guidelines related to construction work and demolition of structures that may include lead. As required therein, the contractor must conduct a lead exposure assessment prior to the initiation of any work, and ensure that no employee is exposed to lead at a concentration greater than 50 micrograms per cubic meter of air. Furthermore, all work related to ACMs and LBP is required to be conducted by a California Occupational Health and Safety (Cal-OSHA) registered asbestos and lead abatement contractor in accordance with Title 8 CCR 1529 and Title 8 CCR 1532.1 regarding asbestos and lead training, engineering controls, and certifications, and any ACM or LBP found on-site is required to be removed in accordance with current Cal-OSHA Administration regulations and disposed of in accordance with all CalEPA regulations. Compliance with the aforementioned State regulations would ensure that the proposed project would not result in a potential hazard risk related to ACMs or LBP.

Construction activities associated with the proposed project would involve the use of heavy equipment, which would contain fuels and oils, and various other products such as concrete, paints, and adhesives. Small quantities of potentially toxic substances (e.g., petroleum and other chemicals used to operate and maintain construction equipment) would be used at the project site and transported to and from the site during construction. However, the project contractor would be required to comply with all California Health and Safety Codes and local ordinances regulating the handling, storage, and transportation of hazardous and toxic materials. Thus, construction of the proposed project would not create a significant hazard to the public or the environment through reasonably

foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment.

Residential uses are not typically associated with the routine transport, use, disposal, or generation of substantial amounts of hazardous materials. Maintenance and operation of the proposed project may use common household cleaning products, fertilizers, and herbicides on-site, any of which could contain potentially hazardous chemicals; however, such products would be expected to be used in accordance with label instructions. Due to the regulations governing use of such products and the amount anticipated to be used on the site, routine use of such products would not represent a substantial risk to public health or the environment.

Given that the proposed project would be consistent with the site's General Plan land use designation, limited hazardous material use associated with buildout of the project site has been anticipated by the City and analyzed in the General Plan EIR In addition, the City would condition the proposed project to ensure any impacts related to such would not occur, as required by General Plan Action S-4. According to the General Plan EIR, the construction and operation of new development allowed by the General Plan could involve the transport, use, and disposal of hazardous materials. However, the General Plan EIR concluded that given compliance with applicable General Plan Polices, as well as local, State, and federal regulations related to hazardous waste, impacts would be less than significant. Therefore, impacts related to creating a significant hazard to the public or the environment through the routine transport, use, disposal, or release of hazardous materials were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. The General Plan EIR concluded that impacts related to release of hazardous materials within one-quarter mile of existing or proposed schools would be less than significant with the implementation of General Plan Policies. The nearest school relative to the project site is Sierra High School, located approximately 0.12-mile south of the site. Therefore, the proposed project would be located within one-quarter mile of an existing or proposed school. However, as discussed above, development of the project site with residential uses would not include any operational activities that would involve the routine transport, use, disposal, or generation of substantial amounts of hazardous materials. As such, future operations on the project site would not emit any hazardous emissions, substances, or waste. In addition, as discussed above, consistent with Action S-4a described above, the City of Manteca would require the aforementioned condition of approval for the proposed project, as recommended by the Phase I Environmental Site Assessment, in order to ensure that impacts related to RECs would not occur.

   Based on the above, impacts related to hazardous emissions or the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. Pursuant to the General Plan EIR, the City of Manteca does not contain sites that are identified on the State's Hazardous Waste and Substances Sites (Cortese) List, which is compiled pursuant to Government Code Section 65962.5. Therefore, the General Plan EIR concluded that a less-than-significant impact would occur related to buildout of the

General Plan causing a significant hazard to the public or the environment due to development of hazardous materials sites.

In addition, it should be noted that as part of the Phase I ESA, KCE Matrix researched the EnviroStor Database maintained by the California Department of Toxic Substances Control (DTSC) and concluded that the DTSC does not maintain records for the subject property. The EnviroStor Database includes information provided by the DTSC and included in the State's Hazardous Waste and Substances Sites (Cortese) List, which is compiled pursuant to Government Code Section 65962.5.

Given that the proposed project would be consistent with the site's General Plan land use designation, buildout of the project site and associated impacts related to hazards and hazardous materials have been anticipated by the City and analyzed in the General Plan EIR. Therefore, impacts related to being located on a site which is included on a list of hazardous materials compiled pursuant to Government Code Section 65962.5, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

e. Public and private airports do not exist within the City of Manteca Planning Area. The nearest airport relative to the project site is the Stockton Metropolitan Airport, located approximately 7.5 miles to the north.

Based on the above, impacts from safety hazards or excessive noise related to airports were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

f. The Safety Element of the Manteca General Plan provides the framework for the City to accommodate safety needs and facilitate emergency procedures when planning. Based on compliance with the policies set forth in the General Plan, the General Plan EIR concluded that impacts related to emergency response and evacuation would be less than significant.

Given that the proposed project would be consistent with the project site's General Plan land use designation, potential conflicts with the City's emergency planning efforts associated with buildout of the project site have been analyzed in the General Plan EIR. The proposed project would not include any unique elements that would result in substantial safety hazards in the event of an evacuation or other emergency. Therefore, impacts related to interfering with an emergency evacuation or response plan were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

g. Issues related to wildfire hazards are discussed in Section XX, Wildfire, of this Modified Initial Study/15183 Checklist As noted therein, the General Plan EIR concluded that the City of Manteca is not categorized as a "Very High" Fire Hazard Safety Zone (FHSZ) and thus, wildfires would have a less-than-significant impact in the General Plan Study Area. As noted in the City's General Plan EIR, the threat to Manteca from wildfire is extremely low due to the agricultural lands surrounding the City. Additionally, according to the

California Department of Forestry and Fire Protection (CAL FIRE) Fire and Resource Assessment Program, the project site is not located within a High or Very High FHSZ[17]

Based on the above, impacts related to exposing people or structures to the risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

[17] California Department of Forestry and Fire Protection. *FHSZ Viewer*. Available at: https://egis.fire.ca.gov/FHSZ/. Accessed January 2024.

X. HYDROLOGY AND WATER QUALITY. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	✖
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	✖
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			
i. Result in substantial erosion or siltation on- or off-site;	☐	☐	✖
ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	☐	☐	✖
iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	☐	☐	✖
iv. Impede or redirect flood flows?	☐	☐	✖
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	✖
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR's evaluation of potential environmental effects related to hydrology and water quality associated with implementation of the General Plan starts on page 3.9-1. The General Plan EIR found that the potential for the depletion of groundwater supplies, and exposure of people or structures to flood hazard, tsunami, or seiche would be less than significant. The General Plan EIR concluded compliance with implementing applicable regulations and General Plan Policies would minimize the potential for water quality degradation, erosion and siltation, increased runoff and flooding, and exposure of people or structures to flooding to a less-than-significant level.

General Plan Policies

Table 16 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to hydrology and water quality.

Table 16
Applicable General Plan Policies: Hydrology and Water Quality

Policy
Policy CF-1.7 Maximize stormwater filtration and/or infiltration in areas that are not subject to high groundwater by maximizing the natural drainage patterns and the retention of natural vegetation and other pervious surfaces.

(Continued on next page)

Table 16
Applicable General Plan Policies: Hydrology and Water Quality

Policy
Policy CF-6.1 Ensure the water system and supply is adequate to meet the needs of existing and future development and is utilized in a sustainable manner.
Policy CF-6.7 Ensure that all new development provides for and funds a fair share of the costs for adequate water distribution, including line extensions, easements, and plant expansions.
Policy CF-6.9 Encourage the use of recycled water for industrial uses and landscape irrigation where feasible, within the parameters of State and County Health Codes and standards.
Policy CF-6.10 Consider the effect of incremental increases in the demands on groundwater supply and water quality when reviewing development applications.
Policy CF-7.5 Maintain the ability to handle peak discharge flow while meeting State Regional Water Quality Control Board Standards as established in the current NPDES Permit.
Policy CF-8.1 Maintain and improve Manteca's storm drainage facilities
Policy CF-8.2 Require all development projects to demonstrate how storm water runoff will be detained or retained on-site and/or conveyed to the nearest drainage facility as part of the development review process and as required by the City's NPDES Municipal Regional Permit. Project applicants shall mitigate any drainage impacts as necessary and shall demonstrate that the project will not result in any increase in off-site runoff during rain and flood events.
Policy S-1.4 Encourage community awareness of seismic, flooding, and other disaster safety issues, including building safety, emergency response plans, and understanding steps to take for safety during and after a disaster, including identified evacuation routes.
Policy S-3.3 Require evaluation of potential flood hazards prior to approval of development projects to determine whether the proposed development is reasonably safe from flooding and consistent with California Department of Water Resources Urban Level of Flood Protection Criteria (ULOP). The City shall not approve the execution of a development agreement, a tentative map, or a parcel map for which a tentative map is not required, or a discretionary permit or other discretionary entitlement that would result in the construction of a new building, or construction that would result in an increase in allowed occupancy for an existing building, or issuance of a ministerial permit that would result in the construction of a new residence for property that is located within a 200-year flood hazard zone, unless the adequacy of flood protection as described in Government Code 65865.5(a), 65962(a), or 66474.5(a), has been demonstrated.

Discussion

a. The proposed project's potential to result in water quality impacts during construction and operations is discussed in detail separately below.

Construction

The City of Manteca requires construction activities that disturb one or more acres of land to comply with the NPDES Construction General Permit that regulates stormwater leaving construction sites. The City's Municipal Code Chapter 13.28 establishes minimum storm water management requirements and controls and outlines discharges which violate industrial or construction activity NPDES permit. Additionally, the City of Manteca is a Phase II Small Municipal Separate Storm Sewer System (MS4) permittee under the NPDES General Permit. In addition, a Stormwater Pollution Prevention Plan (SWPPP)

that includes BMPs must be prepared, implemented, and monitored for its effectiveness. BMPs implemented as part of the SWPPP must be designed to prevent or reduce potential erosion control such as mulch covering, temporary seeding, binders, fiber rolls, temporary vegetation, or permanent seeding.

The General Plan EIR concluded that with compliance with the requirements of the Phase II MS4 under the NPDES general permit, as well as compliance with the PFIP) policies listed above and implementation of General Plan Policy CF-6.10, impacts related to water quality standards, waste discharge requirements, or substantial degradation of surface or ground water quality would be less than significant.

Operations

After project completion, impervious surface on the project site could contribute incrementally to the degradation of downstream water quality during storm events. Because the majority of the project site is undeveloped, the increase in impervious surfaces due to the project buildout could be substantial. Regardless, during the dry season, vehicles and other urban activities may release contaminants onto the impervious surfaces, where they would accumulate until the first storm event. During the initial storm event, or first flush, the concentrated pollutants would be treated on-site prior to discharging into the City storm drainage system. Typical urban pollutants that would likely be associated with the proposed project include sediment, pesticides, oil and grease, nutrients, metals, bacteria, and trash. In addition, stormwater runoff could cause soil erosion if not properly addressed and provide a more lucrative means of transport for pollutants to enter the waterways.

As shown in the Stormwater Quality Control Plan prepared for the proposed project (see Figure 5), the project site would be divided into three DMAs with the majority of the site, and all impervious surfaces on-site, located within DMA-1. Stormwater runoff from the on-site impervious surfaces would be directed through a network of storm drain lines to the on-site bioretention area located within the southern portion of the project site. In addition to the bioretention area, the project site would be required to attenuate on-site storm runoff and meter the discharge into the existing storm drain system. In lieu of attenuation, the project could expand the existing storm drainage basin at the southerly property line to retain the project's storm water volume. The remaining DMAs would include landscaped areas of the site, in which stormwater would be anticipated to percolate into the pervious soils.

The General Plan EIR concluded that impacts related to water quality standards, or the obstruction of a water quality control plan would be less than significant. The majority of development allowed under the General Plan would be within primarily developed areas, such as the project area, and the amount and type of runoff generated by various future development and infrastructure projects would be similar to existing conditions. Thus, effects peculiar to the proposed project or the project site do not exist.

The final design of the proposed drainage system would be reviewed and approved by the City of Manteca, which would ensure that the proposed drainage system complies with all applicable regional and local standards, including those set forth in the City's Municipal Code, as well as requirements to incorporate sufficient permanent stormwater treatment control BMPs. Therefore, water quality standards or waste discharge requirements would not be violated, and downstream water quality would not be degraded as a result of operation of the proposed project.

Conclusion

Given that the proposed project would be consistent with the site's General Plan land use designation, buildout of the project site and associated impacts to water quality have been anticipated by the City and analyzed in the General Plan EIR. Because the proposed project would disturb over an acre of land, the project would be subject to compliance with the MS4 and NPDES standards noted above, including preparation of a SWPPP. Based on the above, impacts related to violation of water quality standards or degradation of water quality during construction or operation were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b,e. Groundwater recharge occurring in the General Plan planning area comes from irrigation of agricultural lands surrounding the City and infiltration from streams flowing west out of the Sierra Nevada. Recharge occurs in areas with permeable materials which allow the infiltration of water along streams, alluvial fans and foothill areas. The buildout of the proposed project will increase impervious surfaces decreasing groundwater recharge. However, the included biofiltration basins will help to off-set the decrease, allowing for some amount of infiltration. Additionally, groundwater recharge does not occur within the City of Manteca.[18] Therefore, impacts related to groundwater supply and recharge would be less than significant.

As noted in the General Plan EIR, future water demand in Manteca would be met by the City's current groundwater supply as well as the addition of surface water supplies provided by the South San Joaquin Irrigation District (SSJID) Surface Water Project. Furthermore, the General Plan contains several policies that would help lessen the impacts to groundwater supplies. The addition of surface water from the SSJID and compliance with the City's General Plan goals and policies would maximize groundwater infiltration and increase water use efficiency within the City associated with construction and operation of new developments to the maximum extent practicable. As such, growth under the General Plan would not result in a depletion of the City's groundwater supplies. Therefore, the General Plan EIR concluded that impacts related to groundwater recharge would be less than significant.

Given that the proposed project would be consistent with the site's current General Plan land use designations, the project would not result in increased use of groundwater supplies beyond what has been anticipated for the site by the City. The project would comply with all applicable General Plan Policies related to water conservation. Therefore, impacts related to substantially decreasing groundwater supplies or interfering substantially with groundwater recharge were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c.i-iii. The General Plan EIR determined that a gradual increase in impervious cover associated with new development could increase operational storm water runoff. As discussed above, the City of Manteca PFIP identifies specific improvements required to accommodate drainage within the City for both existing and future urban development. As such, the General Plan EIR concluded that with compliance with the PFIP and implementation of

[18] City of Manteca. *City of Manteca General Plan 2043*. April 2023.

General Plan Policies CF-8.1 through CF-8.2, as listed above, impacts would be reduced to a less-than-significant level.

Development of the proposed project would result in an increase in impervious surfaces on the project site, which would alter the existing drainage pattern of the site and would result in increased stormwater runoff. According to the Stormwater Prevention Plan, the proposed project would create and/or replace greater than or equal to 5,000 sf of impervious surface. However, as discussed above, projects that disturb over one acre of land, including the proposed project, are subject to the NPDES General Permit. The SWPPP required under the NPDES General Permit would prevent substantial on-site erosion and siltation. In addition, pursuant to Section 17.48.040, Landscape Improvement Requirements, of the Municipal Code, the project would maximize on-site infiltration to reduce runoff to the maximum extent feasible.

Because the proposed project is consistent with the General Plan land use designation for the site, development of the project site has been previously analyzed in the General Plan EIR. Implementation of the project would not result in increased erosion, siltation, or runoff beyond what has been anticipated for the site by the City and accounted for in the General Plan EIR. The project would comply with all applicable General Plan Policies and local laws related to the addition of impervious surfaces. Therefore, impacts related to substantially altering the existing drainage pattern of the site, including through the addition of impervious surfaces, in a manner which would result in substantial erosion, siltation, or flooding on- or off-site, 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, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c.iv. Development facilitated under the General Plan would not exacerbate the risk of inundation from dam failure, and compliance with the CBSC would ensure that all new projects would incorporate appropriate flood protection measures, including drainage systems, suitable fill, and floors above base flood elevation. As such, the General Plan EIR concluded that implementation of General Plan Policies such as Policy S-3.3, which requires evaluation of potential flood hazards prior to approval of development projects to determine whether the proposed project is reasonably safe from flooding, would reduce impacts related to flooding or dam inundation to a less-than-significant level. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map 06077C0640 F, the project site is located within a Area of Minimal Flood Hazard (Zone X),[19] which is not a significant flood hazard area (SFHA).

Additionally, the proposed project would be built in accordance with the flood safety measures within the CBSC, and would be required to comply with all applicable General Plan Policies.

Based on the above, impacts related flooding were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

[19] Federal Emergency Management Agency. *Flood Insurance Rate Map 06077C0640F.* Effective January 2023.

d. Impacts related to development within a flood hazard zone are discussed under the response to question 'c.iv.', above. Additionally, the General Plan EIR concluded that implementation of the General Plan would result in a less-than-significant impact related to the exposure of people or structures to risk involving inundation from seiche or tsunami.

Tsunamis are defined as sea waves created by undersea fault movement, whereas a seiche is a long-wavelength, large-scale wave action set up in a closed body of water such as a lake or reservoir. Due to the project site's substantial distance from the coast, the proposed project would not be exposed to flooding risks associated with tsunamis. Seiches do not pose a risk to the proposed project, as the project site is not located adjacent to any closed body of water. The nearest body of inland water is the San Joaquin River, and the City is protected by a levee system. Therefore, the proposed project would not pose a risk related to the release of pollutants due to project inundation due to flooding, tsunami, or seiche.

Given that the proposed project is consistent with the site's General Plan land use and zoning designations, provided, the project would not result in increased risk related to flooding, tsunami, or seiche beyond what has been anticipated for the site by the City and analyzed in the General Plan EIR. Therefore, impacts related to the release of pollutants following inundation due to flooding, tsunami, or seiche were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XI. LAND USE AND PLANNING. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 Analysis Under the General Plan EIR

The General Plan EIR analyzed existing City and County plans and focus areas with development potential in order to determine the potential environmental effects of implementing the General Plan from the standpoint of Land Use and Planning, starting on page 3.10-1. The General Plan EIR concluded that General Plan development would not physically divide an established community; conflict with applicable regional land use plans, policies, or regulations, or conflict with any applicable habitat conservation plan or natural community conservation plan. Accordingly, the General Plan EIR determined that with compliance with General Plan Policies, buildout of the General plan would result in a less-than-significant impact in each of the aforementioned areas.

General Plan Policies

Table 17 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to land use and planning.

Table 17
Applicable General Plan Policies: Land Use and Planning

Policy
Policy LU-1.1 Maintain an adequate supply of land to support projected housing, employment, service, retail, educational, and institutional needs for the community.
Policy LU1.2 Promote land use compatibility through use restrictions, development standards, environmental review, and design considerations.
Policy LU-2.3 To maintain balanced growth and to manage the City's investment in infrastructure, facilities, and services for growth areas, encourage infill development, redevelopment, and rehabilitation projects within the City and growth that is contiguous with existing development and/or the boundary of the City.
Policy LU-2.4 Continue to encourage the use of specific and master plans, as needed, to ensure orderly, well-planned growth.

Discussion

a. A project risks dividing an established community if the project would introduce infrastructure or alter land uses so as to change the land use conditions in the surrounding community, or isolate an existing land use. According to the General Plan EIR, the City of Manteca contains approximately 12,302 acres available to development. Historically, Manteca has grown outward from the core of the City. General Plan development would continue this expansion, and would not interfere with any adjacent community.

The project site is bordered by West Yosemite Avenue to the north. A single-family residence, detached garage, and four ancillary structures currently exist along the eastern boundary of the site. The remainder of the site is undeveloped. The proposed project would be consistent with the scale and intensity of the existing uses in the project area. In addition, the project would not isolate an existing land use. Rather, the proposed project would serve as an extension of the existing residential uses in the vicinity.

Based on the above, the proposed project would not physically divide an established community, and a less-than-significant impact would occur. Given that the proposed project would be consistent with the General Plan land use designation for the site, impacts related to land use were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b. The project site is currently designated C per the City's General Plan and is also zoned CMU. Pursuant to the General Plan, the Commercial Mixed Use land use allows Residential uses that meet the density requirements of 20.1 to 30 du/ac. The proposed project would include the construction of 216 apartment units at a density of 23 du/ac. Thus, the proposed project would comply with all such requirements of the Commercial Mixed Use land use. As such, the project would be consistent with the site's current land use and zoning designations.

As discussed throughout this Modified Initial Study/15183 Checklist, the proposed project would not result in any environmental impacts that are more severe than what was already anticipated in the General Plan. In addition, the proposed project would not conflict with the SJMSCP, as discussed in Section IV, Biological Resources, of this 15183 Checklist. Therefore, the proposed project would not cause a significant environmental impact in excess of what has already been analyzed and anticipated in the General Plan EIR, and would not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental impact.

Because the proposed project is consistent with the General Plan land use designation for the site, development of the project site has been anticipated in the General Plan EIR. As noted above, the project would be generally consistent with all applicable land use plans adopted for the purpose of avoiding or mitigating an environmental effect. Therefore, impacts related to land use and planning were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XII. MINERAL RESOURCES. *Would the project:*		Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 Analysis Under the General Plan EIR

The General Plan EIR, on page 3.11-1, concluded that although the majority of the City is classified as Mineral Resource Zones (MRZs) with no significant mineral deposits (MRZ-1), the western portion of the planning area near Oakwood Lake is classified as areas where adequate information indicates that significant mineral deposits are present or there is a high likelihood for their presence (MRZ-2), and a large area located in the southwest portion of the planning area classified as areas containing mineral deposits (MRZ-3). Given that the only known MRZ-2 area has already been mined and developed, no significant potential for extraction remains. The area designated MRZ-3 runs through the center of the City and is currently developed and no longer available for mining. As such, the General Plan EIR concluded that implementation of the General Plan would have a less-than-significant impact on mineral resources.

General Plan Policies

The City of Manteca General Plan does not include any policies related to mineral resources that apply to the proposed project.

Discussion

a,b. As noted in the City's General Plan EIR, the California Division of Mines and Geology identified one location within the General Plan Study Area as Zone MRZ-2. The designation in this location near the San Joaquin River refers to sand deposits that are considered to be of regional significance. Brown Sand and Gravel, Incorporated, has produced processed sand at Oakwood Lake Pit, located within the Study Area. Additionally, the General Plan EIR identified one location within the General Plan Study Area as Zone MRZ-3.

Such mining operations have ceased. Oakwood Lake Resort has been created from the reclaimed mined lands, and a residential project has been approved by San Joaquin County on the site of the former quarry. The majority of the area designated as MRZ-3 runs through the center of the City of Manteca and is currently developed and is no longer available for mining. Furthermore, the project site is located over two miles west of the former Oakwood Lake Pit mining site and, as a result, impacts related to mineral resources would not occur as a result of the proposed project.

Based on the above, impacts related to mineral resources were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XIII. NOISE. *Would the project result in:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 Analysis Under the General Plan EIR

The General Plan EIR analyzed noise impacts from buildout of the General Plan, specifically those related to construction, building operations, traffic, and the Union Pacific rail line, starting on page 3.12-1. Although compliance with General Plan Policies S-6.1 through S-6.4 would reduce the severity of impact regarding traffic noise by ensuring new development mitigates potential noise impacts through incorporating noise control treatments. The General Plan EIR concluded that impacts related to traffic noise would result in a significant and unavoidable impact. Additionally, the General Plan EIR concluded that although implementation of the General Plan may result in groundborne vibration, compliance with Action S-6j would require development projects to address vibration impacts, thus the impact would be less than significant. The General Plan EIR concluded that private or public airports are not located within the General Plan Planning Area, therefore impacts related to excessive noise levels from aircraft noise would be less than significant.

General Plan Policies

Table 18 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to noise.

Table 18
Applicable General Plan Policies: Noise

Policy
Policy S-6.1 Incorporate noise considerations into land use, transportation, and infrastructure planning decisions, and guide the location and design of noise-producing uses to minimize the effects of noise on adjacent noise-sensitive land uses, including residential uses and schools.
Policy S-6.2 Ensure that Downtown noise levels remain acceptable and compatible with a pedestrian-oriented environment and higher density residential land uses.
Policy S-6.3 Areas within Manteca exposed to existing or projected exterior noise levels from mobile noise sources exceeding the performance standards in Table S-1 shall be designated as noise-impacted areas. Figure S-3 identifies noise contours anticipated at General Plan buildout.
Policy S-6.4 Require residential and other noise-sensitive development projects to satisfy the noise level criteria in Tables S-1 and S-2.

(Continued on next page)

Table 18
Applicable General Plan Policies: Noise

Policy
Policy S-6.5 Require new stationary noise sources proposed adjacent to noise sensitive uses to incorporate noise-attenuating measures so as to not exceed the noise level performance standards in Table S-2, or a substantial increase in noise levels established through a detailed ambient noise survey.
Policy S-6.6 Regulate construction-related noise to reduce impacts on adjacent uses to the criteria identified in Table S-2 or, if the criteria in Table S2 cannot be met, to the maximum level feasible using best management practices and complying with the MMC Chapter 9.52.
Policy S-6.7 Where the development of residential or other noise-sensitive land use is proposed for a noise-impacted area or where the development of a stationary noise source is proposed in the vicinity of noise sensitive uses, an acoustical analysis is required as part of the development review process so that noise mitigation may be considered in the project design. The acoustical analysis shall: • Be the responsibility of the applicant. • Be prepared by a qualified acoustical consultant experienced in the fields of environmental noise assessment and architectural acoustics. • Include representative noise level measurements with sufficient sampling periods and locations to adequately describe local conditions and the predominant noise sources. • Estimate existing and projected (20 years) noise levels in terms of the standards of Table S-1 or Table S-2, and compare those levels to the adopted policies of the Noise Element. • Recommend appropriate mitigation measures to achieve compliance with the adopted policies and standards of the Noise Element. • Estimate noise exposure after the prescribed mitigation measures have been implemented. • If necessary, describe a post-project assessment program to monitor the effectiveness of the proposed mitigation measures.
Policy S-6.8 Apply noise level criteria applied to land uses other than residential or other noise-sensitive uses consistent with noise performance levels of Table S-1 and Table S-2.
Policy S-6.9 Enforce the Sound Transmission Control Standards of the California Building Code concerning the construction of new multiple occupancy dwellings such as hotels, apartments, and condominiums.
Policy S-6.12 For new residential development backing on to a freeway or railroad right-of-way, the developer shall be required to incorporate appropriate noise-attenuation measures to satisfy the performance standards in Table S-1.
Policy S-6.13 It is recognized that the City and surrounding areas are considered to be urban in nature and rely upon both the industrial and agricultural economy of the area. Therefore, it is recognized that noise sources of existing uses may exceed generally accepted standards.
Policy S-6.15 Recognizing that existing noise-sensitive uses may be exposed to increase noise levels due to circulation improvement projects associated with development under the General Plan and that it may not be feasible to reduce increased traffic noise levels to the criteria identified in Table S-1, the following criteria may be used to determine the significance of noise impacts associated with circulation improvement projects: • Where existing traffic noise levels are less than 60 dB L_{dn} at the outdoor activity areas of noise-sensitive uses, a +5 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant; and • Where existing traffic noise levels range between 60 and 65 dB L_{dn} at the outdoor activity areas of noise-sensitive uses, a +3 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant; and

(Continued on next page)

Table 18
Applicable General Plan Policies: Noise

Policy
Where existing traffic noise levels are greater than 65 dB L_{dn} at the outdoor activity areas of noise-sensitive uses, a + 1.5 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant.

Discussion

a. Pursuant to the General Plan EIR, the City of Manteca is a relatively quiet residential community with the notable exceptions of the railroad operations, traffic noise from SR 99 and SR 120, and commercial/industrial uses. These sources of noise are endemic to the community and cannot be easily avoided. Some land uses are considered more sensitive to noise than others, and, thus, are referred to as sensitive noise receptors. Accordingly, land uses that are typically considered to be sensitive receptors include residences, schools, childcare centers, playgrounds, retirement homes, convalescent homes, hospitals, and medical clinics. The nearest sensitive receptors to the site would be the existing single-family residences located 20 feet to the west, and the urgent care located 30 feet to the east along West Yosemite Avenue.

Environmental Setting

The following description of the existing environmental setting is based primarily on the Environmental Noise Assessment prepared for the proposed project by Saxelby Acoustics (see Appendix E).[20] The following terms are referenced in this discussion:

- Decibel (dB): A unit of sound energy intensity. An A-weighted decibel (dBA) is a decibel corrected for the variation in frequency response to the typical human ear at commonly encountered noise levels. All references to dB in this discussion will be A-weighted unless noted otherwise.
- Day-Night Average Level (L_{dn}): The average sound level over a 24-hour period, with a penalty of 10 dB applied to noise occurring during nighttime hours (10:00 PM to 7:00 AM).
- Community Noise Equivalent Level (CNEL): The average sound level over a 24-hour period, with a penalty of 5dB applied to noise occurring during daytime hours (7:00 AM to 10:00 PM) and a penalty of 10dB applied to noise occurring during nighttime hours (10:00 PM to 7:00 AM).
- Equivalent Sound Level (L_{eq}): The average sound level over a given time-period.
- Maximum Sound Level (L_{max}): The maximum sound level over a given time period.

In order to assess the existing ambient noise environment within the project area, on Tuesday January 8, 2024, Saxelby Acoustics conducted three long-term noise measurements (LT-1, LT-2, and LT-3) at the northern, western, and southwest corners of the project site boundaries (see Figure 7 and Table 19).

According to the Environmental Noise Assessment, the existing ambient noise environment within the project area is defined primarily by traffic on West Yosemite Avenue.

[20] Saxelby Acoustics, LLC. *Environmental Noise Assessment 1758 West Yosemite Avenue Project, City of Manteca, California.* July 14, 2025.

Figure 7
Noise Measurement Sites



Table 19
Summary of Existing Background Noise Measurement Data

Location	Date	L_{dn}	Daytime L_{eq}	Daytime L_{50}	Daytime L_{max}	Nighttime L_{eq}	Nighttime L_{50}	Nighttime L_{max}
LT-1: 50 ft to CL of Yosemite Rd	1/8/24	74	73	70	88	67	57	82
LT-2: 425 feet to Cl of Yosemite Rd.	1/8/24	59	54	53	66	53	51	68
LT-3: 700 feet to Cl of Yosemite Rd	1/8/24	59	52	51	65	53	51	65

Source: Saxelby Acoustics, Environmental Noise Assessment, 2025.

According to the noise contour data presented in Figure 3.12-1 of the General Plan EIR, traffic noise levels along Airport Way range up to 65 dBA L_{dn} in the vicinity of the project site. The Environmental Noise Assessment estimated that noise levels on West Yosemite Avenue would increase by approximately 3.5 dBA from existing levels based upon projected increases in traffic volumes pursuant to the City of Manteca General Plan.

City Noise Standards

The Noise Element of the General Plan contains policies to "to mitigate the effects of increased noise levels in excess of established standard."

Table 20 presents the maximum allowable noise levels per land use, as determined in the City of Manteca General Plan EIR. The City of Manteca uses the CBSC which establishes that "Interior community noise levels (CNEL) with windows closed, attributable to exterior sources, shall not exceed an annual CNEL or L_{dn} of 45 dB in any habitable room."

Table 20
Maximum Permissible Sound Pressure Levels, City of Manteca

Receiving Land Use Category	Maximum Allowable Noise Levels	
	Time Interval	Exterior Noise dB(A)
Single and Limited Multiple Family Residential	10 PM to 7 AM	50
	7 AM – 10 PM	60
Multiple Family, Public Institutional, & Neighborhood Commercial	10 PM to 7 AM.	55
	7 AM – 10 PM.	60
Medium & Heavy Commercial	10 PM to 7 AM.	60
	7 AM – 10 PM.	65
Light Industrial	Anytime	70
Heavy Industrial	Anytime	75

Source: City of Manteca 2022 General Plan EIR, Table 3.12-10. November 2022.

Project Construction Noise

The General Plan EIR determined that development facilitated by the General Plan would temporarily increase ambient noise levels on and adjacent to individual construction sites, including noise from construction traffic. The General Plan EIR concluded in General Plan Policy S-6.6, that in accordance to the standards in Table S-2 of the General Plan, the City shall regulate construction-related noise impacts on adjacent uses, which would reduce construction related impacts to a less-than-significant level.

During the construction of the proposed project, heavy equipment would be used for grading, excavation, paving, and building construction, which would temporarily increase ambient noise levels when in use. Noise levels would vary depending on the type of equipment used, how the equipment is operated, and how well the equipment is maintained. In addition, noise exposure at any single point outside the project site would vary depending on the proximity of construction activities to that point. Standard construction equipment, such as graders, backhoes, loaders, and trucks, would be used on-site. As shown in Table 21, typical construction equipment would generate maximum noise levels ranging from 76 to 90 dB at a distance of 50 feet.

Table 21
Construction Equipment Noise

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

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

The City defines a significant increase due to construction noise as an increase of 12 dBA over existing ambient noise levels. According to the Environmental Noise Assessment, the nearest residential uses, located approximately 350 feet away (as measured from the center of the project site), would experience an average maximum construction noise level of up to 73 dBA. The average daytime maximum noise level at the project site is 66 dBA L_{max}. As such, construction activities would result in an increase of 7 dBA. Therefore, project construction would not cause an increase of greater than 12 dBA.

In addition, construction activities are temporary in nature and would occur during normal daytime working hours. Furthermore, Section 9.52.030 of the City of Manteca Municipal Code exempts construction noise from the noise ordinance between the hours of 7:00 AM and 7:00 PM.

The Environmental Noise Assessment assumed that project construction would comply with the requirements of Section 17.58.050 the City's Municipal Code, and that construction activities would occur only during the permitted hours of 7:00 AM to 7:00 PM. Therefore, the Environmental Noise Assessment concluded that construction activities associated with the proposed project, such as the operation of tools or equipment, would not result in new significant noise impacts relative to what was analyzed in the General Plan EIR.

Project Operational Noise

The General Plan EIR concluded that buildout of the General Plan would increase traffic noise along local roadways and result in the exposure of residents to the impacts of future industrial/commercial, emergency, and outdoor activity noise. However, the General Plan EIR concluded that with implementation of applicable policies, impacts related to transportation noise and the exposure of future noise from the buildout of the General Plan would be reduced to less-than-significant levels.

As noted previously, in the vicinity of the project site, the nearest existing noise sensitive land uses are the existing single-family residential developments to the north, east, and west, of the project site. The primary noise source associated with the proposed project would be traffic noise along local roadways generated by future residents. As discussed

in Section XVII, Transportation, of this 15183 checklist, increased vehicle traffic associated with buildout of the General Plan, including the project site, has been analyzed in the General Plan EIR.

Figure 8 shows the project operation noise level contours. Project site traffic circulation noise, including parking lot movement noise, and HVAC noise, are considered to be the primary noise sources for the proposed project. In addition, Table 22 summarizes the modeled traffic noise levels at the nearest sensitive receptors along each roadway segment in the project area. According to Table 22, the maximum increase in roadway noise at the nearest sensitive receptor is predicted to be 0.4 dBA, which is lower than the minimum threshold for significance. Furthermore, vehicle traffic noise associated with buildout of the site has been analyzed in the General Plan EIR.

Table 22
Predicted Traffic Noise Level and Project-Related Traffic Noise Level Increases

Roadway	Segment	Existing No Project	Existing + Project	Change
West Yosemite Avenue	Airport Way South of SR 120 EB Ramps	71.0	71.4	0.4

Source: Saxelby Acoustics Environmental Noise Assessment, 2025.

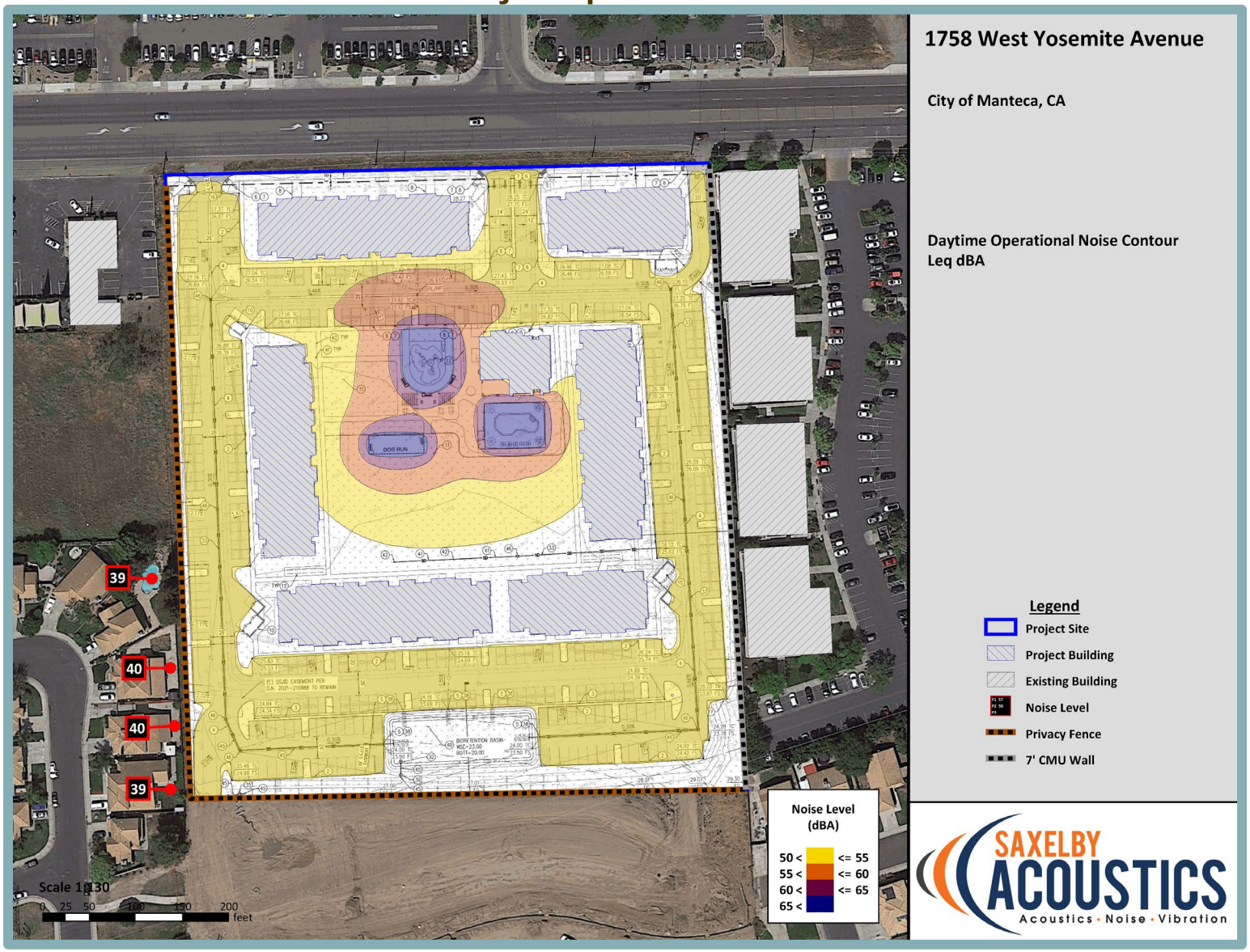
The proposed project would be consistent with the General Plan land use designations for the site and would not include unique features that would result in substantial increases in traffic noise beyond what was analyzed in the General Plan EIR. Furthermore, the proposed project consists of residential development, and thus, is consistent with the surrounding land uses in the project area so the operational noise in the project area would not be peculiar to the proposed project.

Conclusion

Based on the above, construction and operation of the proposed project would not result in the 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 City's General Plan. Because the existing noise-sensitive receptors in the project vicinity currently experience noise from vehicle traffic and other noise sources associated with existing residential development in the area, the proposed development would not substantially increase the noise levels at such receptors relative to existing conditions. Thus, associated impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b. Similar to noise, vibration involves a source, a transmission path, and a receiver. However, noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of an amplitude and frequency. A person's perception to the vibration depends on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating.

Figure 8
Project Operation Noise



Vibration is measured in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration in terms of peak particle velocities (PPV) in inches per second (in/sec). Standards pertaining to perception as well as damage to structures have been developed for vibration levels defined in terms of PPV.

Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. Table 23, which was developed by Caltrans, shows the vibration levels that would normally be required to result in damage to structures.

Table 23
Effects of Vibration on People and Buildings

PPV		Human Reaction	Effect on Buildings
mm/sec	in/sec		
0.15 to 0.30	0.006 to 0.019	Threshold of perception; possibility of intrusion	Vibrations unlikely to cause damage of any type
2.0	0.08	Vibrations readily perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
2.5	0.10	Level at which continuous vibrations begin to annoy people	Virtually no risk of "architectural" damage to normal buildings
5.0	0.20	Vibrations annoying to people in buildings (this agrees with the levels established for people standing on bridges and subjected to relative short periods of vibrations)	Threshold at which there is a risk of "architectural" damage to normal dwelling - houses with plastered walls and ceilings. Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize "architectural" damage
10 to 15	0.4 to 0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: Caltrans. Transportation Related Earthborne Vibrations. TAV-02-01-R9601. February 20, 2002.

As shown in the table, the threshold for architectural damage to structures is 0.20 in/sec PPV and continuous vibrations of 0.10 in/sec PPV, or greater, would likely cause annoyance to sensitive receptors.

The proposed project would only cause elevated vibration levels during construction, as the proposed project would not involve any uses or operations that would generate substantial groundborne vibration.

The primary vibration-generating activities associated with the proposed project would occur during grading, placement of underground utilities, and construction of foundations. Although noise and vibration associated with the construction of the project would add to the noise and vibration environment in the immediate project vicinity, construction activities would be temporary in nature and are anticipated to occur during normal daytime working hours.

Table 24 shows the typical vibration levels produced by construction equipment at various distances. The most substantial source of groundborne vibrations associated with project construction would be the use of vibratory compactors. Use of vibratory compactors/rollers could be required during construction of the proposed on-site drive aisles and parking areas. However, at a distance of 26 feet or greater, vibration levels from such equipment would be below the 0.20 in/sec threshold recommended by Caltrans.

Table 24
Vibration Levels for Various Construction Equipment

Type of Equipment	PPV at 25 feet (in/sec)	PPV at 50 feet (in/sec)	PPV at 100 feet (in/sec)
Large Bulldozer	0.089	0.031	0.011
Loaded Trucks	0.076	0.027	0.010
Small Bulldozer	0.003	0.001	0.000
Auger/drill Rigs	0.089	0.031	0.011
Jackhammer	0.035	0.012	0.004
Vibratory Hammer	0.070	0.025	0.009
Vibratory Compactor/roller	0.210	0.074	0.026

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

As discussed above, the nearest sensitive receptors to the site would be the existing single-family residences located 20 feet to the west, and the urgent care located 30 feet to the east along West Yosemite Avenue. However, as shown in Figure 3, the proposed project would include a 10-foot landscaping buffer along the site's western boundary and a 20-foot landscaping buffer along the site's eastern boundary. Vibratory compactors/roller would not be used for any construction activities within the landscaping buffers. Therefore, according to the Environmental Noise Assessment, sensitive receptors which could be impacted by construction related vibrations, especially vibratory compactors/rollers, are located further than 26 feet from typical construction activities. At distances greater than 26 feet construction vibrations are not predicted to exceed the 0.2 in/sec threshold. Additionally, construction activities would be temporary in nature and would likely occur during normal daytime hours.

Based on the above, potential impacts related to vibration were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. Public and private airports are not located within two miles of the project vicinity. The nearest airport to the project site is the Stockton Metropolitan Airport, located approximately 7.5 miles to the north. Therefore, impacts related to aircraft noise were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XIV. POPULATION AND HOUSING. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (e.g., through projects in an undeveloped area or extension of major infrastructure)?	☐	☐	✖
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR evaluated the potential population growth and displacement impacts associated with implementation of the General Plan, starting on page 13.10-1. The General Plan EIR determined that buildout of the General Plan would not induce growth that would exceed adopted thresholds. Additionally, the General Plan EIR concluded that compliance with the General Plan Polices would ensure that impacts related to population and housing would be less than significant.

General Plan Policies

Table 25 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to population and housing.

Table 25
Applicable General Plan Policies: Population and Housing

Policy
Policy LU-1.1 Maintain an adequate supply of land to support projected housing, employment, service, retail, educational, and institutional needs for the community.
Policy LU-1.2 Promote land use compatibility through use restrictions, development standards, environmental review, and design considerations.
Policy LU-2.3 To maintain balanced growth and to manage the City's investment in infrastructure, facilities, and services for growth areas, encourage infill development, redevelopment, and rehabilitation projects within the City and growth that is contiguous with existing development and/or the boundary of the City.

Discussion

a,b. The proposed project would include the development of 216 new units. Given that the proposed project is consistent with the site's General Plan land use and zoning designations, and the density requirements of 20.1 to 30 units per acre, potential growth associated with development of the site has been anticipated by the City and analyzed in the City of Manteca General Plan EIR. The project site consists primarily of undeveloped land with a single-family residence, detached garage, and four ancillary structures along the eastern boundary of the site which would be demolished during project construction. Although the proposed project would displace the existing single-family residence, the residence is being replaced with 216 multi-family housing units, which would increase the housing stock within the City.

Thus, the proposed project would not induce substantial unplanned population growth in an area, either directly or indirectly, and no impact related to the displacement of people would occur with implementation of the proposed project. As such, impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XV. PUBLIC SERVICES.

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Fire protection?	☐	☐	✖
b. Police protection?	☐	☐	✖
c. Schools?	☐	☐	✖
d. Parks?	☐	☐	✖
e. Other Public Facilities?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR assessed potential impacts to public services, including fire and police protection, public schools, and libraries, from implementation of the General Plan, starting on page 3.13-1. The General Plan EIR concluded development facilitated by the General Plan would increase demand for fire and police protection, schools, and parks and recreation. Any future development under the General Plan would be subject to project-level review, and would be required to comply with regulations, polices, and standards included in the General Plan. Compliance with General Plan Policies would reduce impacts related to the provisions and need for public facilities to a less-than-significant level.

General Plan Policies

Table 26 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to public services.

Table 26
Applicable General Plan Policies: Public Services

Policy
Policy CF-1.2 Ensure that new growth and development participates in the provision and expansion of essential community services and facilities, including parks, fire and police facilities, schools, utilities, roads, and other needed infrastructure, does not exceed the City's ability to provide services, and does not place an economic or environmental burden on existing residents.
Policy CF-2.1 Prioritize public safety through ensuring adequate staffing, implementing best available technologies, capital investments in public safety, and organizing and utilizing community volunteers
Policy CF-2.2 Ensure that the Police Department has adequate funding, staff, and equipment to accommodate existing and future growth in Manteca, while striving to provide a minimum of 1.0 officer per 1,000 population.
Policy CF-2.5 Endeavor through adequate staffing and patrol arrangements to maintain the minimum feasible police response times for police calls.
Policy CF-2.6 Ensure crime-reduction and public safety features are incorporated in to the design of new development projects through implementation of Crime Prevention Through Environmental Design (CPTED) techniques.

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Table 26
Applicable General Plan Policies: Public Services

Policy
Policy CF-2.7 Promote coordination between land use planning, urban design, and CPTED through consultation and coordination with the Police Department during the review of new development applications.
Policy CF-3.2 Provide fire services to serve the existing and projected population.

Discussion

a,b,e. Fire protection for the City of Manteca is provided by the Manteca Fire Department (MFD). The MFD has five fire stations located within the City limits, with the closest to the project site being Station 2 located at 1154 Union Road. The MFD is also responsible for providing emergency medical services to customers. Police protection is provided to the City by the Manteca Police Department (MPD). The MPD is a full-service municipal law enforcement agency with specialized assignments and recognized specialties.

Future development from buildout of the General Plan would increase demand for public services and facilities. However, the City would be required to provide additional public safety, fire protection, and emergency services to accommodate such growth. As such, the General Plan EIR concluded that, with implementation of the goals and policies in the General Plan, impacts related to police protection, fire services, and other public services, such as libraries, would be less than significant. All applicable General Plan Policies are listed in Table 26.

The fire station nearest the project site is Station 2, located at 1154 Union Road, approximately 1.3-miles southeast. The MPD police station is located at 1001 West Center Street, approximately 0.9 miles northeast of the project site. The close proximity of both facilities suggests that the police and fire departments would be able to maintain adequate response times shall their service be required at the proposed project. Furthermore, the proposed project would comply with all applicable State and local requirements related to fire safety and security. General Plan Policy CF-1.2, which requires new development participates in the provision and expansion of essential services and facilities and does not place an economic or environmental burden on existing residences, would ensure that new growth and development does not exceed the City's ability to provide services. Compliance with such standards would minimize fire and police protection demands associated with the proposed project.

Because the proposed project is consistent with the project site's General Plan land use designation, potential increases in demand for fire and police protection services associated with buildout of the site have been anticipated by the City and analyzed in the General Plan EIR. Therefore, impacts related to the need for new or physically altered fire or police protection facilities from implementation of the proposed project would not be more severe than was anticipated to occur in the General Plan EIR, and the project would not result in increased demand for such services beyond what has been anticipated.

With regard to other public facilities, such as libraries, the proposed project would not be anticipated to result in a substantial increase in demand for library services, or other public facilities, such that expanded facilities would be required. Future residents of the proposed

project would have access to the Manteca Branch Library, which is a branch library of the Stockton San Joaquin County Library system.

Based on the above, impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. The City of Manteca is served by the Manteca Unified School District (MUSD), which operates 22 schools ranging from Kindergarten through High School; education facilities include 12 elementary schools, four high schools, one adult education school, and five alternative schools. The General Plan EIR concluded that proposed growth in the General Plan would result in increased demand for public services, including fire protection, law enforcement, schools, parks, libraries, and other public services; however, with compliance to General Plan goals and policies, impacts related to the provisions and need for public facilities would be less than significant.

The proposed project consists of the development of 216 new units and, as such, could increase demand for the school facilities in the surrounding area. However, according to the General Plan EIR, the MUSD would select the location of new schools' sites based on the location of new growth and the District's site criteria. In addition, the proposed project would be subject to payment of School Impact Mitigation Development Fees to fund local school services. Proposition 1A/SB 50 prohibits local agencies from using the inadequacy of school facilities as a basis for denying or conditioning approvals of any "[…] legislative or adjudicative act…involving …the planning, use, or development of real property" (Government Code 65996[b]). Satisfaction of the Proposition 1A/SB 50 statutory requirements by a developer is deemed to be "full and complete mitigation." Furthermore, the project would be subject to payment of the Manteca Unified School District Residential/Commercial Property Developer fee pursuant to Chapter VI, Development Fees, of the City's Municipal Code. Impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d. Issues related to parks and recreation are discussed in further detail in Section XVI, Recreation, below. As noted therein, the General Plan EIR concluded that impacts related to recreation would be less than significant with implementation of the goals and policies included in the General Plan (see Table 26) and the Parks and Recreation Master Plan. Because the proposed project would be consistent with the land use designation and subject to all applicable General Plan Policies, a less-than-significant impact would occur. As such, impacts related to the deterioration of recreational facilities or demand for additional or expanded facilities were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XVI. RECREATION. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	✖
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR, on page 3.13-1, concluded implementation of the General Plan would increase demand for parks and recreation. This conclusion is based on the City's service standard of five acres of parkland per 1,000 residents. At a ratio of five acres of parkland per 1,000 residents, buildout of the General Plan within the City limits would result in a demand for approximately 104.5 acres of developed parkland. Implementation of General Plan Policies, such as Policy CF-4.4, would require new development to contribute to its fair share of park and recreation needs to maintain an overall minimum ratio of five acres per 1,000 residents. At the time of writing the General Plan EIR, the City of Manteca provided 55 neighborhood and six community parks distributed throughout the City. Buildout of the General Plan is expected to generate additional residents and, thus, implementation of the General Plan would increase the demand for parks and recreation such that new or physically altered facilities may be needed. The City Parks and Recreation Department and the Parks and Recreation Commission will establish location and site criteria in the Recreation Master Plan. The Parks and Recreation Master Plan works to ensure that adequate parks, facilities, and recreation programs meet the needs of the City's future residents, employees, and visitors. Compliance with the Parks and Recreation Master Plan and implementation of applicable General Plan Policies would reduce impacts related to new parks and recreation facilities to a less-than-significant level.

General Plan Policies

Table 27 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to public services.

Table 27
Applicable General Plan Policies: Recreation

Policy
Policy CF-4.2 Expand, renovate, and maintain high quality parks, trails, and recreation facilities, programs, and services to accommodate existing and future needs that address traditional and non-traditional recreation, active and passive recreation, wellness, historical, cultural arts, environmental education, conservation, accessibility, inclusion, diversity, safety, and new technology.
Policy CF-4.3 Uphold design, construction, implementation, and maintenance standards to ensure high quality parks, trails, and recreation facilities, programs, and services, now and into the future.
Policy CF-4.4 Maintain an overall minimum ratio of 5 acres of developed neighborhood and community parkland per 1,000 residents within the city limits, requiring new development to contribute to its fair share of park and

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Table 27
Applicable General Plan Policies: Recreation

Policy
recreation needs. The distribution of land between park types and guidelines for park types shall be determined within the Parks and Recreation Master Plan.
Policy CF-4.5 Develop new parks, trails, and recreation facilities through developer fees in areas which are accessible and convenient to the community, prioritizing areas that are lacking these facilities.
Policy CF-4.6 Endeavor to develop one or more community parks as defined in the Parks and Recreation Master Plan, with a focus on accommodating community-wide events.
Policy CF-4.8 Consider the effects of new development on parks, trails, and recreation facilities, programs, and services, and condition new development appropriately to ensure that the City maintains an adequate inventory and network of facilities and resources.

Discussion

a,b. The proposed project would consist of the development of 216 new units, and thus, would result in population growth that could lead to increased demand on existing recreational facilities or cause the construction or expansion of recreational facilities. The site plan prepared for the proposed project does include on-site recreational areas such as a tot lot and dog park. Furthermore, Section 3.20.090 of the City's Municipal Code would require the proposed project to pay park in-lieu fees which would help the City maintain existing recreational facilities. The project applicant would also be required to pay the City's park acquisition and improvement fee, in addition to the park in-lieu fees, as specified in the current Park Acquisition and Improvement Fee Policy In addition, the proposed project is consistent with the project site's land use and zoning designations, and future growth generated from the proposed project would have been anticipated and analyzed in the General Plan EIR. Because the project site has been anticipated for residential development, the City has already considered such population growth in the Parks and Recreation Master Plan and other parkland planning efforts.

Based on the above, impacts related to the deterioration of recreational facilities or demand for additional or expanded facilities were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XVII. TRANSPORTATION. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	☐	☐	✖
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	☐	☐	✖
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	✖
d. Result in inadequate emergency access?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR, starting on page 3.14-1, analyzed potential impacts on the local and regional circulation system resulting from implementation of the General Plan, including an analysis of an increase in hazards due to a design feature, conflict or be inconsistent with VMT, interference with emergency access, or conflicts with applicable alternative transportation programs. The General Plan EIR found that increased traffic generated by the General Plan could conflict with policies and thresholds for the performance of the circulation system including the City's local and regional roadways, and local intersections, but the implementation of General Plan Policies would reduce the impact to a less-than-significant level. It was concluded in the General Plan EIR that VMT generated by buildout of the General Plan would exceed the VMT threshold of 85 percent of baseline. Although General Plan Polices would achieve reductions in VMT, it cannot be determined that they would achieve reductions to meet the VMT thresholds. Thus, the General Plan EIR concluded that the impact would be significant and unavoidable. The General Plan EIR determined the General Plan's impact on regionally adopted transportation goals and policies, or programs regarding public transit, bicycle, or pedestrian facilities, would be less than significant.

General Plan Policies

Table 28 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to transportation. Since the release of the General Plan EIR, the law has changed with respect to how transportation-related impacts may be addressed under CEQA. In 2013, the Legislature passed legislation with the intention of ultimately removing LOS in most instances as a basis for environmental analysis under CEQA. As such, the General Plan policies related to LOS are not included in Table 28.

Table 28
Applicable General Plan Policies: Transportation

Policy
Policy C-1.5 As new transportation technologies and mobility services, including autonomous vehicles, electric vehicles, electric buses, electric bicycles and scooters, and transportation network companies (e.g., Uber and Lyft) are implemented in Manteca and used by the public, the City shall review and update its policies and plans to maximize the benefit to the public of such technologies and services without adversely affecting the City's transportation network. Updates to the City's policies and plans may cover topics such as electric vehicle charging stations, curb space management, changes in parking supply requirements, policies regarding electric scooter use and docking, etc.

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Table 28
Applicable General Plan Policies: Transportation

Policy
Policy C-2.1 Promote development of a future roadway system as shown in the Major Streets Master Plan, Figure C-1, with streets designed in accordance with the City's standard plans to provide multiple, direct, and convenient routes for all modes and to provide high-volume, multi-lane facilities with access controls, as needed, to preserve the through traffic carrying capacity of the facility.
Policy 2.2 Design roadway improvements to occur in a contiguous, orderly fashion and strive to build roadway improvements in advance of new development particularly when addressing existing deficiencies. However, major circulation improvements shall be constructed no later than when abutting lands develop or redevelop, with dedication of right-of-way and construction of improvements, or participation in construction of such improvements, required as a condition of approval.
Policy 2.4 Design street improvements to provide multiple, direct, and convenient routes for all modes.
Policy 2.6 Align residential and collector street intersections with collector and arterial streets with other residential and collector streets, where feasible, to maintain a high degree of connectivity between neighborhoods minimize circuitous travel, and to allow bicyclists and pedestrians to travel more conveniently and more safely from one neighborhood to another without using major streets.
Policy C-4.1 Through regular updates to the City's Active Transportation Plan inclusive of community members and stakeholders, establish a more safe and more convenient network of identified bicycle and pedestrian routes connecting residential areas with schools, recreation, shopping, and employment areas within the city, generally as shown in Figure CI-2). The City shall also strive to develop connections with existing and planned regional routes shown in the San Joaquin County Bicycle Master Plan.
Policy C-4.2 Improve safety conditions, efficiency, and comfort for bicyclists and pedestrians by providing native and drought-tolerant shade trees and controlling traffic speeds by implementing narrow lanes or other traffic calming measures in accordance with the City Neighborhood Traffic Calming Program on appropriate streets, in particular residential and downtown areas.
Policy C-7.4 Require proposed development projects that could have a potentially significant VMT impact to consider reasonable and feasible project modifications and other measures during the project design and environmental review stage of project development that would reduce VMT effects in a manner consistent with state guidance on VMT reduction.
Policy C-7.6 Expand alternatives to driving by increasing opportunities to walk, bike, and use transit.

Discussion

a. The General Plan includes policies that provide for an integrated network of pedestrian and bicycle facilities, as well as for the needs of transit users. Specifically, Policy C-2.4 calls for the City to maintain and update street standards that provide for the design, construction, and maintenance of "Complete Streets." The City's Complete Streets shall enable safe, comfortable, and attractive access for all users: pedestrians, motorists, bicyclists, and transit riders of all ages and abilities, in a form that is compatible with and complementary to adjacent land uses, and promotes connectivity between uses and areas. In addition, Policy C-4.2 establishes that the City evaluate projects to ensure that the safety, comfort, and convenience of pedestrians, bicyclists and transit users are given equal level of consideration to motor vehicle operators.

Pedestrian, Bicycle, and Transit Facilities

The following provides a discussion of the proposed project's potential impacts to pedestrian, bicycle, and transit facilities.

Pedestrian and Bicycle Impacts

The City of Manteca maintains four classes of bicycle facilities (Class I, Class II, Class III, and Class IV). According to a Transportation Analysis Report prepared for the proposed project by Fehr & Peers (see Appendix F),[21] paved sidewalks are not located along the project site's West Yosemite Avenue frontage or west of the project site; however, sidewalks are present on West Yosemite Avenue immediately east of the project site. In addition, while dedicated bike facilities do not currently exist along the project frontage, on-street Class II bike lanes are striped on West Yosemite Avenue east of the project site (see Figure 9).

The City's Active Transportation Plan (ATP) identifies planned sidewalks along the entire project frontage and a future Class IV Separated Bikeway Path on Yosemite Avenue along the project frontage west of St. Dominic's Drive, consistent with the PFIP, which would be constructed as part of the proposed project Additionally, the ATP identifies a planned sidewalk on Yosemite Avenue. The proposed project would be required to include frontage improvements along West Yosemite Avenue in order to ensure safe access to the project site. Specifically, the proposed project would include the construction of a raised median on West Yosemite Avenue, extending west beyond the project driveway, with a break at St. Dominics Drive to allow left-turn movements into the St. Dominics Drive roadway. The intersection of Saint Dominics Drive and West Yosemite Avenue would be signalized in accordance with the PFIP. Lastly, the proposed project would also include the construction of a left turn pocket for vehicles making an eastbound left-turn into the Kaiser Medical Center.

According to the Transportation Analysis Report, implementation of such improvements consistent with the PFIP would improve multi-modal safety in the City of Manteca by enhancing transportation comfort and safety for all users, thereby reducing conflicts between vehicles, bikes, and pedestrians and improving access and visibility for people traveling without a car. Thus, the Transportation Analysis Report concluded that the proposed project would not physically disrupt any existing or planned multi-modal facility.

Transit Services and Facilities

Manteca Transit provides fixed route, demand response and Americans with Disabilities (ADA) complementary paratransit transit services throughout the City of Manteca and to/from the Lathrop/Manteca ACE Station. As shown in Figure 10, six bus stops are located within a 0.5-mile walking distance of the project site. The six bus stops are served by Route 1, Route 2, and Route 4. In addition, dial-a-ride, also known as paratransit, or door-to-door service, is available for individuals who are unable to independently use the transit system due to a physical or mental disability. The development of the proposed project has the potential to increase demand for transit services within the City. However, Manteca Transit would likely scale up services within the City in response to such increases in demand. In addition, the proposed project would not conflict with existing transit services. Therefore, existing transit services and facilities contain sufficient capacity to accommodate potential transit users at the proposed project.

[21] Fehr & Peers. *Pacific West Yosemite Apartments Transportation Analysis Report.* July 25, 2025.

Figure 9
Existing Pedestrian and Bicycle Facilities

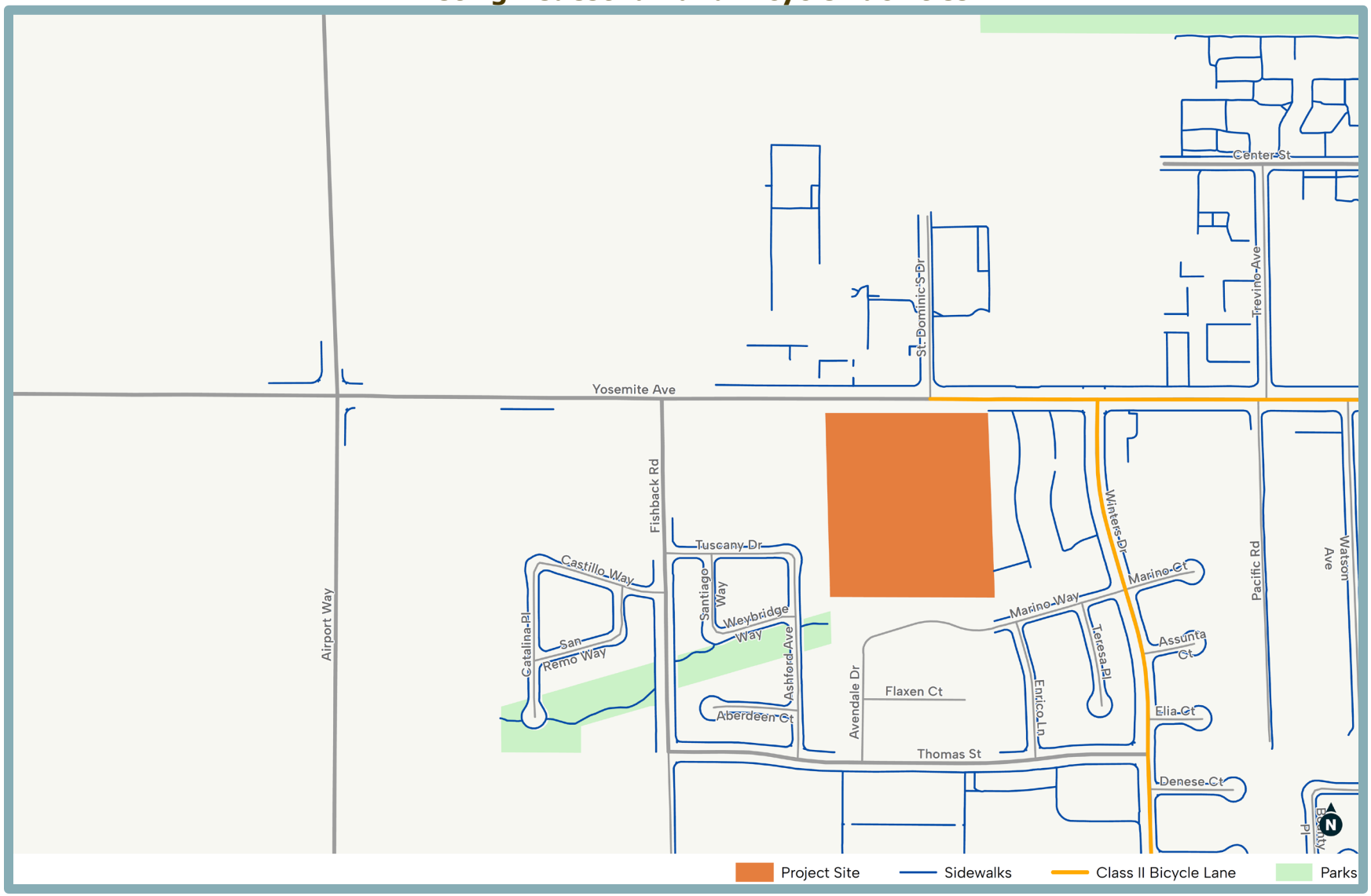
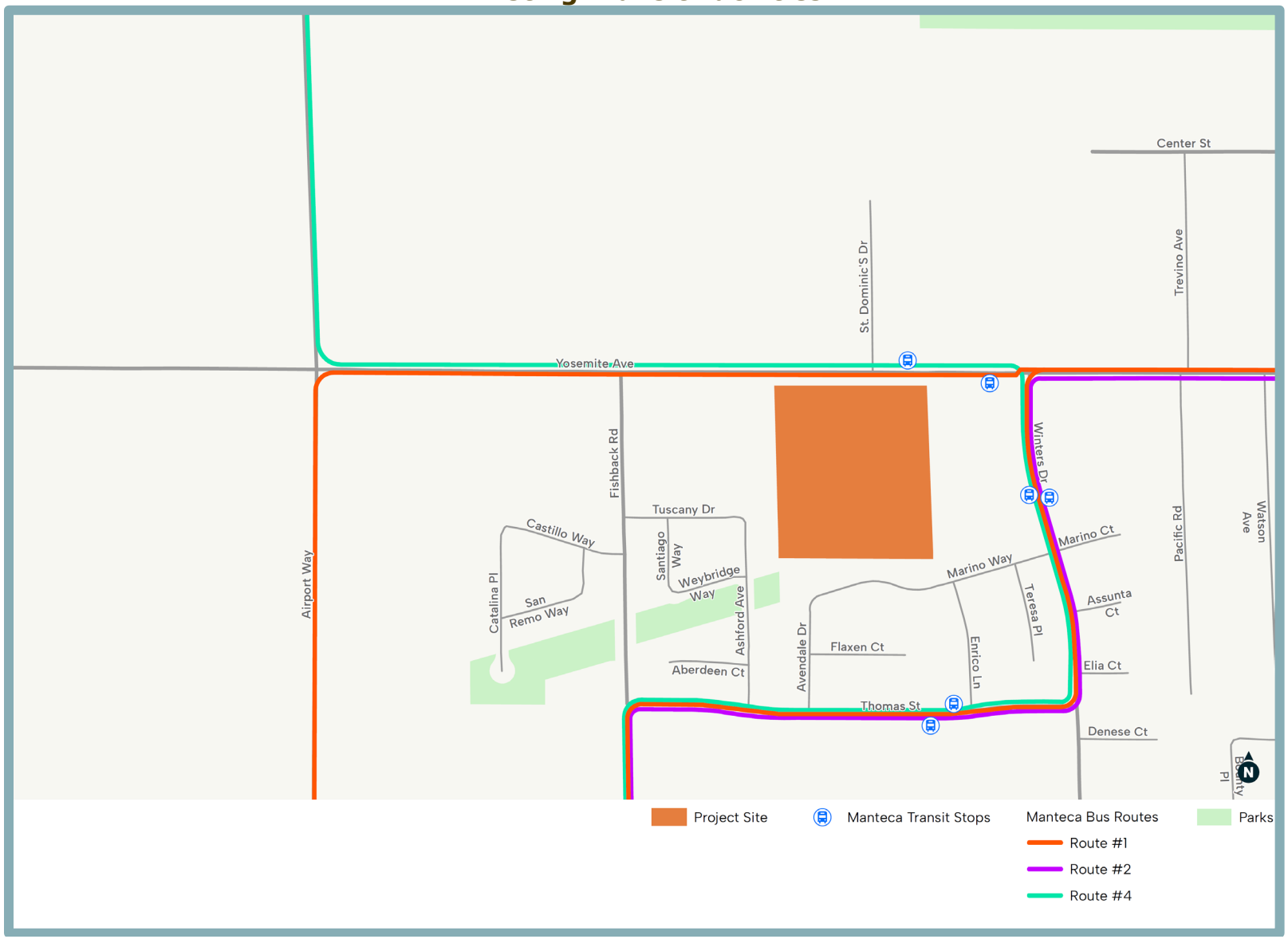


Figure 10
Existing Transit Facilities



Conclusion

Based on the above, the proposed project would not conflict with any existing or proposed roadway, pedestrian, bicycle, or transit facilities, and would be consistent with the City's adopted General Plan. Impacts associated with conflicting with the aforementioned plans were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b. Section 15064.3 of the CEQA Guidelines provides specific considerations for evaluating a project's transportation impacts. Pursuant to Section 15064.3 of the CEQA Guidelines, analysis of VMT attributable to a project is the most appropriate measure of transportation impacts. Other relevant considerations may include the effects of the project on transit and non-motorized travel.

A detailed VMT analysis was conducted for the proposed project as part of the project-specific Transportation Analysis Report prepared by Fehr & Peers (see Appendix F). As discussed therein, the City of Manteca 2022 SB 743 Implementation Policy Report outlines the City's adopted guidelines for transportation impact analyses, including VMT impact assessments. According to the SB 743 Implementation Policy, the City of Manteca has selected to measure VMT by land use type. For multi-family residential projects, the VMT performance metric is VMT per multi-family dwelling unit (i.e., VMT per capita). The SB 743 Implementation Policy also states that the City of Manteca has selected a significance threshold of 15 percent below City-wide baseline VMT per dwelling unit for residential land uses.

City-wide baseline VMT and VMT associated with the proposed project were both calculated using the City of Manteca Travel Demand Forecasting Model. The results of the VMT analysis are presented in Table 29. As shown in Table 29**,** the proposed project would not result in VMT per capita that exceeds the City of Manteca threshold of significance for multi-family dwelling units.

Table 29
Project Vehicle Miles Traveled Analysis

City-wide Baseline VMT	Threshold of Significance	Project VMT	Above the Threshold of Significance?
78.6	66.8	64.3	NO

Source: Fehr & Peers, 2025.

Based on the above, the proposed project is not anticipated to increase VMT within the City as compared to the City-wide baseline VMT. As such, VMT impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c,d. Access to the project site would be provided by way of West Yosemite Avenue, located along the project site frontage to the north. Specifically, primary access to the project site would be provided by a four-lane entry/exit point, with two lanes totaling 24 feet for entry and two lanes totaling 24 feet for exit. The entry and exit lanes would be separated by a median. The driveway would function as the south leg to the existing West Yosemite Avenue/St. Dominics Drive intersection. The exit lanes would be a left-turn lane and a

shared through-right turn lane. In addition, a new 26-foot-wide driveway would be located at the northwestern corner of the site, which would permit right-turns into and out of the site, as well as left-turns into the site. However, left-turns from the driveway onto westbound Yosemite Avenue would be prohibited. The proposed project would also include an approximately 29-foot-wide EVA in the northeastern portion of the project site. From the project access points, internal vehicle circulation would be provided by 26 and 24-foot-wide drive aisles between on-site buildings and parking areas.

According to the Transportation Analysis Report, the primary access driveway is anticipated to have a maximum outbound vehicle queue of three vehicles, or about 75 feet. Based on the project site plan, the driveway includes approximately 90 feet of driveway throat storage. Therefore, the Transportation Analysis Report concluded that the proposed project would provide adequate throat depth to not result in vehicle queues that spillback into the project site and impede internal circulation. With regard to the northwestern driveway, Fehr & Peers noted that the proposed trash enclosure near the northeast corner of the project site would likely block the sight distance for drivers approaching the adjacent internal intersection, and, therefore, recommends moving the trash enclosure away from the northwest corner of the site to improve visibility for drivers approaching this intersection. Such recommendation would be required as a condition of approval for the proposed project.

In addition, as discussed above, frontage improvements consistent with the City's PFIP, such as a raised median on West Yosemite Avenue, signalization of the Saint Dominics Drive/West Yosemite Avenue intersection, and construction of a left turn pocket for vehicles making an eastbound left-turn into the Kaiser Medical Center, would be required as part of the proposed project in order to ensure safe access to the project site.

Finally, according to the Transportation Analysis Report, the preliminary site plan indicates adequate emergency access would be provided to the project site. All proposed roadways would be designed in compliance with all applicable standards and regulations.

Based on the above, impacts related to traffic hazards and emergency access were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XVIII. TRIBAL CULTURAL RESOURCES. *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:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).	☐	☐	✖
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☐	☐	✖

Summary of Analysis Under the General Plan EIR

The General Plan EIR evaluated potential effects on tribal cultural resources stemming from implementation of the General Plan, in the Cultural Resources section, starting on page 3.5-1. Compliance with General Plan Polices, such as Policy RC-10.11, would ensure the build out of the General Plan is consistent with State, local, and tribal governmental consultation requirements. Therefore, impacts related to Tribal Cultural Resources as a result of General Plan implementation was determined to be less than significant.

General Plan Policies

Table 30 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to tribal cultural resources.

Table 30
Applicable General Plan Policies: Tribal Cultural Resources

Policy
Policy RC-10.1 Protect, and support efforts of community members and organizations to protect, important historic resources and use these resources to promote a sense of place and history in Manteca.
Policy RC-10.2 Encourage historic resources to remain in their original use whenever possible. The adaptive use of historic resources is preferred, particularly as museums, educational facilities, or visitor serving uses, when the original use can no longer be sustained. Older residences may be converted to office/retail use in commercial areas and to tourist or business use, so long as their historical authenticity is maintained or enhanced.
Policy RC-10.11 Consistent with State, local, and tribal intergovernmental consultation requirements such as SB 18, consult as necessary with Native American tribes that may be interested in proposed new development and land use policy changes.

Discussion

a,b. The General Plan EIR noted that future development associated with the General Plan could impact unknown archaeological resources, including Native American artifacts and human remains. However, the General Plan EIR concluded that compliance with applicable General Plan Policies would reduce any potential impacts to a less-than-significant level.

According to the General Plan EIR, tribal consultation letters were sent out on May 18, 2017. The Native American Heritage Commission (NAHC) responded with a letter on May 15, 2017 that indicated that a search of the Sacred Lands File (SLF) was completed with positive results and that the Ione Band of Miwok Indians should be contacted for more information about the sacred site in the Planning Area. However, the Tribal Historic Preservation Officer responded with a letter declining to become involved.

Although the project site may contain tribal cultural resources, the site does not include any peculiar features related to tribal cultural resources. Additionally, in the case of discovery of previously unknown tribal cultural resources, Action RC-10j would require all new development, infrastructure, and other ground-disturbing projects to comply with conditions such as, halting all work if human remains are discovered during any ground disturbing activity. Compliance with such would ensure that impacts to tribal cultural resources would be less than significant.

Based on the required compliance with measures set forth in the General Plan EIR and the negative results from the CHRS search, impacts related to tribal cultural resources would be less than significant and were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XIX. UTILITIES AND SERVICE SYSTEMS. *Would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	✖
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	✖
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	✖
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	✖
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	✖

Summary of Analysis Under the General Plan EIR

Potential effects on utilities and service systems related to implementation of the General Plan were analyzed in the utilities section of the General Plan EIR, starting on page 3.15-1. The General Plan EIR determined buildout of the General Plan would have a less-than-significant impact on water supplies, wastewater collection and treatment services as well as stormwater drainage facilities and services, and solid waste.

General Plan Policies

Table 31 below provides policies from the City of Manteca General Plan that are applicable to the proposed project for the purpose of avoiding or mitigating environmental effects related to utilities and service systems.

Table 31
Applicable General Plan Policies: Utilities and Service Systems

Policy
Policy CF-6.1 Ensure the water system and supply is adequate to meet the needs of existing and future development and is utilized in a sustainable manner.
Policy CF-6.2 Ensure safe drinking water standards are met throughout the community.
Policy CF-6.4 Ensure that the City's water supply provides for and supports a balance of jobs and housing in future development.
Policy CF-6.7 Ensure that all new development provides for and funds a fair share of the costs for adequate water distribution, including line extensions, easements, and plant expansions.

(Continued on next page)

Table 31
Applicable General Plan Policies: Utilities and Service Systems

Policy
Policy CF-6.8 Continue efforts to reduce potable water use, increase water conservation, and establish water reuse and recycling systems.
Policy CF-6.9 Evaluate opportunities for the use of recycled water for industrial uses and landscape irrigation where feasible, within the parameters of State and County Health Codes and standards.
Policy CF-6.10 Consider the effect of incremental increases in the demands on groundwater supply and water quality when reviewing development applications.
Policy CF-7.1 Ensure adequate wastewater collection and treatment infrastructure to serve existing and future development and the safe disposal of wastes.
Policy CF-7.2 Develop new sewage treatment and trunk line capacity as necessary to serve new development. The City shall incorporate current technologies into the design and operation of these facilities.
Policy CF-7.6 Maintain the existing wastewater system on a regular basis to increase the lifespan of the system and ensure public health and safety.
Policy CF-8.1 Maintain and improve Manteca's storm drainage facilities.
Policy CF-8.5 Maintain drainage channels in a naturalized condition where appropriate, incorporating recreational trails, parkway vegetation, and other amenities and ensuring that vegetation does not reduce channel capacity, and consistent with the Resource Conservation Element.
Policy CF-8.6 Continue to work cooperatively with outside agencies such as the San Joaquin Area Flood Control Agency and South San Joaquin Irrigation District regarding storm drainage and flood control management issues.
Policy CF-11.2 Ensure adequate solid waste collection infrastructure to serve existing and future development and the safe disposal of waste.
Policy CF-11.3 Implement and enforce the provisions of the City's Source Reduction and Recycling Program and update the program as necessary to meet or exceed the State waste diversion requirements.
Policy CF-11.7 Support the continued use of the Lovelace Transfer Station on Lovelace Road, between Union Road and Airport Way, for the processing and shipping of solid waste materials.

Discussion

a. Sewer service for the proposed development would be provided by the City of Manteca Public Works Department. As part of the proposed project a 12-inch storm drain pipe will be installed that would be connected to the existing storm drain. Bioretention basins would be constructed within the projects interior streets. The City of Manteca operates and maintains the Storm Drain System which serves the community. Similarly, four-inch and eight-inch sewer lines would be installed within the project's interior streets and connected to the existing sewer main within West Yosemite Avenue. Water service for the proposed project would also be provided by the City of Manteca Water Division. Therefore, the relocation or construction of new or expanded water, wastewater treatment, stormwater drainage, or other utility infrastructure would not be required.

In addition, electricity, natural gas, and telecommunications utilities would be provided by way of connections to existing infrastructure located within the immediate project vicinity. The General Plan EIR concluded that compliance with General Plan Polices and actions, impacts related to the relocation or construction of new or expanded water sewer, and stormwater drainage facilities would be less than significant. Given that the proposed project is consistent with the site's General Plan land use designations, standard utility improvements associated with development of the site have been anticipated by the City and associated environmental effects have been analyzed in the General Plan EIR. Additionally, the proposed project would not result in the relocation or expansion of any new facilities beyond what the General Plan EIR anticipated. Thus, effects peculiar to the proposed project or the project site do not exist.

Based on the above, impacts related to 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, would not be more severe than what was already analyzed in the General Plan EIR. As such, impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

b. As discussed in Section X, Hydrology and Water Quality, of this Modified Initial Study/15183 Checklist, the City of Manteca Water Division provides water service to the City of Manteca through the City's groundwater supply as well as surface water supplies provided by the SSJID Surface Water Project. Water supplies available to meet future demands include surface water purchased from SSJID, City produced groundwater, and recycled water. The City's available water supply is projected to increase by about 37 percent from 2015 to 2040. According to the General Plan EIR, the projected 2040 water supplies are adequate to meet the demand that would be generated by buildout of the General Plan.

In 2023, the City adopted the City of Manteca 2020 Urban Water Management Plan (UWMP)[22], as required by the Urban Water Management Planning Act of 1983. The UWMP serves as a long-term planning document for sustainable water supply, and includes a description of water sources, historical and projected water use, and a comparison of water supply and demand during normal and dry years. The UWMP has identified regional water demand in normal, single dry, and multiple dry years in five-year increments. Water demand projections were based on buildout of the City's General Plan.

Table 32 and Table 33 show the projected water supply and demand totals during a normal year and during a single dry year, respectively. Table 34, shows the projected supply and demand totals under multiple dry year conditions for the first, second, and third years.

[22] West Yost. *2020 Urban Water Management Plan, City of Manteca.* July 2023.

Table 32
Supply and Demand Assessment: Normal Year (AFY)

	2025	2030	2035	2040	2045
Supply totals	21,227	24,990	26,552	35,115	36,678
Demand totals	16,428	17,574	18,720	19,866	21,012
Difference	4,799	7,416	7,832	15,249	15,666

Notes:
AFY = Acre-feet per year.
Demand does not include reductions due to implementation of the Water Shortage Contingency Plan.

Source: City of Manteca 2020 Urban Water Management Plan, July 2023.

Table 33
Supply and Demand Assessment: Single Dry Year (AFY)

	2025	2030	2035	2040	2045
Supply totals	19,376	24,056	26,535	31,207	33,849
Demand totals	16,428	17,574	18,720	19,866	21,012
Difference	2,948	6,482	7,815	11,341	12,837

Notes:
Demand does not include reductions due to implementation of the Water Shortage Contingency Plan.

Source: City of Manteca 2020 Urban Water Management Plan, July 2023.

Table 34
Supply and Demand Assessment: Multiple Dry Years (AFY)

		2025	2030	2035	2040	2045
1st Year	Supply Totals	21,227	24,990	26,552	35,115	36,678
	Demand Totals	16,428	17,574	18,720	19,866	21,012
	Difference	*4,799*	*7,416*	*7,832*	*15,249*	*15,249*
2nd Year	Supply Totals	21,227	24,990	26,552	35,115	35,115
	Demand Totals	16,428	17,574	18,720	19,866	19,866
	Difference	*4,799*	*7,416*	*7,832*	*15,249*	*15,249*
3rd Year	Supply Totals	19,376	24,056	26,535	31,207	31,207
	Demand Totals	16,428	17,574	18,720	19,866	19,866
	Difference	*2,948*	*6,482*	*7,815*	*11,341*	*11,341*

Notes:
Demand does not include reductions due to implementation of the Water Shortage Contingency Plan.

Source: City of Manteca 2020 Urban Water Management Plan, July 2023.

Based on the above, the City of Manteca does not anticipate a water supply shortage through 2045 in multiple-dry years. However, as described in the UWMP, three water supply options were identified to address future water supply shortfalls:

1. Water Distribution System Upgrades: Future water distribution system upgrades are anticipated to improve system capacity and allow utilization of the full allotment (11,500 AFY) of the Phase I allocation from SSJID.

2. Phase 2 expansion of the WTP: Completion of Phase 2 (i.e., expansion of the Nick C. DeGroot WTP and increase allotment from the SCWSP by 7,000 AFY (total 18,500 AFY), assumed to be available by 2040.
3. RWFMP Phase 4: Completion of RQFMP Phase 4 (i.e., additional WQCF upgrades and installation of recycled water pipelines for future customers), and thus the completion of all RWMFP phases, will provide an approximate 10,000 AFY (total 11,000 AFY) in recycled water supply, assumed available by 2030 to 2040.
4. Additional untreated surface water: As the City annexes areas, the raw water that irrigated the annexed lands could either be treated for potable municipal uses or used to offset the potable water used for irrigation.
5. Additional treated surface water: The City could negotiate and obtain additional potable water supply from the South County Water Supply Program.

Inclusion of the above water supply options as well as implementation of the City's Water Shortage Contingency Plan would ensure that adequate water supplies are available to serve buildout of the General plan.

According to the General Plan EIR, the surface water supply will be used as the base supply and groundwater facilities will be used to meet peak water demands. During winter months SSJID surface water deliveries will meet nearly the entire City's projected water demands.

The proposed project would include development of the project site with 216 new units, consistent with the site's current General Plan land use designations. Given that the project is consistent with the General Plan land use designations, water demand associated with buildout of the project site with residential uses could be accommodated by the City and accounted for in the General Plan EIR, the City PFIP and the City's UWMP.

Based on the above, sufficient water supplies are available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years, and impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

c. Sewer service for the proposed development would be provided by the City of Manteca Public Works Department. The proposed project is consistent with the site's current General Plan land use designations. Thus, increased demand for wastewater collection and treatment facilities associated with buildout of the site have been anticipated by the City and analyzed in the General Plan EIR. In addition, the project would be subject to the City's PFIP and General Plan Policies. Thus, the City would have adequate capacity to serve the wastewater demand projected for the proposed project in addition to the City's existing commitments. Impacts were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

d,e. The City of Manteca uses the Lovelace Transfer Station, located at 2323 Lovelace Road, in Manteca, California, to process and ship its solid waste and materials. The Lovelace Transfer Station is of regional significance in that it provides services to the majority of south San Joaquin County. Lovelace Transfer Station receives an average of 325 tons of waste daily, which is transported to either the Forward Landfill, Foothill Landfill, or North

County Facility. A 17.3-acre expansion was approved to the Forward Landfill in January of 2020 inside the landfill's existing boundaries along Austin Road east of Stockton Metropolitan Airport. The lifespan of the landfill will extend from 2030 to 2036 and an additional 8.2 million cubic yards of waste will be processed on two sites, an 8.7-acre parcel in the northeast corner and an 8.6-acre parcel on the south end of the property.[23] According to the General Plan EIR, the City's solid waste per capita generation has decreased since 2007 due to the waste diversion efforts of the City. The additional sold waste generation associated with the proposed General Plan to the Forward Landfill would not exceed the landfill's remaining and additional capacity until landfill closure in 2036. At the closure of the Forward Landfill, the City can utilize the Foothill and North County Landfills. Between the three landfills, there is capacity to manage the foreseeable solid waste generated by the land uses in the General Plan. Additionally, implementation of General Plan goals and policies would ensure that impacts related to solid waste generation and disposal would be less than significant.

Because the proposed project is consistent with the project site's current General Plan land use designations, construction and operation of the proposed project would not result in increased solid waste generation beyond what has been previously anticipated for the site by the City and analyzed in the General Plan EIR. In addition, the project would be required to comply with all applicable provisions of Chapter 13.02, Solid Waste Collection and Disposal, of the City's Municipal Code. Therefore, the proposed project would not 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 and would comply with federal, State, and local management and reduction statutes and regulations related to solid waste. Thus, impacts related to solid waste were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, further CEQA review is not required.

[23] California Department of Resources Recycling and Recovery (CalRecycle). *SWIS Facility/Site Activity Details Foothill Sanitary Landfill (39-AA-0004).* Available at: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1424?siteID=3097. Accessed February 2024.

XX. WILDFIRE. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:*	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
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 Analysis Under the General Plan EIR

Potential effects on wildfires related to implementation of the General Plan were analyzed in the Wildfires section of the General Plan EIR on page 3.16-1. The General Plan Planning area is not located near any State Responsibility Areas and lands that are classified as Very High FHSZ are not located within or near the planning area. Therefore, implementation of the General Plan would have no impact related to wildfire risks.

General Plan Policies

The City of Manteca General Plan does not include any policies related to wildfire that apply to the proposed project.

Discussion

a-d. As noted in the City's General Plan EIR, the planning area is not located in or near any State Responsibility Areas and lands classified as Very High FHSZ are not located within or near the planning area.

According to the CAL FIRE Fire and Resource Assessment Program, the project site is not located within a Very High FHSZ.[24] As such, buildout of the proposed project would not have an impact related to wildfire risks.

Furthermore, the project is not located on a substantial slope, and the project area does not include any existing features that would substantially increase fire risk for future residents, workers, or visitors. Given that the project site is located within a developed urban area and is situated adjacent to existing roads, water lines, and other utilities, the project would not result in substantial fire risks related to installation or maintenance of such infrastructure. Lastly, as discussed in Section VII, Geology and Soils, and Section X, Hydrology and Water Quality, of this Modified Initial Study, development of the proposed

[24] California Department of Forestry and Fire Protection. *FHSZ Viewer*. Available at: https://egis.fire.ca.gov/FHSZ/. Accessed January 2024.

project would not expose people or structures to significant risks related to flooding or landslides.

Based on the above, impacts related to wildfire were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE.	Significant Impact Peculiar to the Project or the Project Site	Significant Impact due to New Information	Impact Adequately Addressed in the General Plan EIR
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	✖
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. As discussed in Section IV, Biological Resources, of this Modified Initial Study/15183 Checklist, the potential exists for burrowing owls, Swainson's hawk, and loggerhead shrike to occur on the project site. However, the City would require consistency with the Resource Conservation Element of the General Plan which provides Policies RC-8.1 through RC-8.2 to protect and maintain special status species by requiring either compliance with the SJMSCP, or for those who opt out of participating in the SJMSCP, compliance with all other applicable local, State, and federal laws and regulation provisions through consultations with the Permitting Agencies and local planning agencies. General Plan Policies RC-8.6 through RC-8.8 would ensure that significant impacts to special-status wildlife species would not occur. In addition, because the project site has historically been used for agricultural purposes and does not contain any known historic or prehistoric resources, implementation of the proposed project is not anticipated to have the potential to result in impacts related to historic or prehistoric resources. Additionally, the project is highly disturbed and is not near to any perineal water sources. Therefore, the potential of finding undocumented cultural resources within the project site is relatively low. Furthermore, compliance with Action RC-10j would ensure that all new developments comply with conditions in the event of an inadvertent discovery of cultural resources or human remains to protect such resources by requiring for all work within 100 feet of the discovery to halt upon discovery of cultural resources. Therefore, implementation of applicable General Plan Policies would ensure that impacts to archaeological resources and human remains would be less than significant.

Considering the above, the proposed project would not: 1) degrade the quality of the environment; 2) substantially reduce or impact the habitat of fish or wildlife species; 3) cause fish or wildlife populations to drop below self-sustaining levels; 4) threaten to eliminate a plant or animal community; 5) reduce the number or restrict the range of a rare or endangered plant or animal; or 6) eliminate important examples of the major periods of California history or prehistory. Impacts associated with such resources have been

adequately addressed in the General Plan EIR, and the criteria for requiring further CEQA review are not met.

b. The proposed project in conjunction with other development within the City of Manteca could incrementally contribute to cumulative impacts in the area. However, the proposed project was included in the potential future development assumptions evaluated in the General Plan EIR. The General Plan EIR concluded that cumulative impacts to agriculture, air quality, noise, and traffic and circulation would be significant and unavoidable. For those impacts determined to be significant in a General Plan EIR, CEQA Section 15183 allows for future environmental documents to limit examination of environmental effects to those impacts which were not already analyzed as a significant effect in the prior EIR, provided that the proposed project is consistent with the General Plan. Given that the proposed project is consistent with the City's General Plan land use designation for the project site, cumulative impacts associated with buildout of the site have been anticipated by the City and were analyzed in the General Plan EIR.

   Based on the above, impacts related to cumulative effects were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines 15183, the criteria for requiring further CEQA review are not met.

c. As described in this Modified Initial Study/15183 Checklist, the proposed project would comply with all applicable General Plan Policies, Municipal Code standards, and other applicable local, County and State regulations. In addition, as discussed in the Air Quality, Geology and Soils, Hazards and Hazardous Materials, and Noise sections of this Modified Initial Study/15183 Checklist, the proposed project would not cause substantial effects to human beings, including effects related to exposure to air pollutants, geologic hazards, hazardous materials, and excessive noise, beyond those effects previously analyzed as part of the General Plan EIR. As noted in question 'b' above, pursuant to CEQA Guidelines Section 15183, this Modified Initial Study/15183 Checklist is not required to provide further analysis of potential effects related to GHG emissions, including effects to human beings, as the General Plan EIR concluded that impacts related to GHG emissions would be significant and unavoidable. Impacts related to GHG emissions, including effects to human beings, were ***adequately addressed in the General Plan EIR***. Effects peculiar to the proposed project or the project site do not exist. Thus, per CEQA Guidelines Section 15183, the criteria for requiring further CEQA review are not met.

H. SOURCES

The following documents are referenced information sources used for the purpose of this document:

1. California Air Resources Board. *The 2022 Climate Change Scoping Plan Update*. December 2022.
2. California Department of Conservation. *California Important Farmland Finder*. Available at: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed January 2024.
3. California Department of Conservation. *Geologic Hazards Data & Maps*. Available at: https://maps.conservation.ca.gov/geologichazards/. Accessed March 2021.
4. California Department of Forestry and Fire Protection. *FHSZ Viewer.* Available at: https://egis.fire.ca.gov/FHSZ/. Accessed January 2024.
5. California Department of Resources Recycling and Recovery (CalRecycle). *SWIS Facility/Site Activity Details Foothill Sanitary Landfill (39-AA-0004).* Available at: https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1424?siteID=3097. Accessed February 2024.
6. California Energy Commission. *Title 24 2022 Building Energy Efficiency Standards Summary*. August 2021.
7. City of Manteca. *City of Manteca General Plan 2043*. April 2023.
8. City of Manteca. *Manteca General Plan 2043 Environmental Impact Report, SCH No. #2002042088.* November 2022.
9. CTE Cal, Inc. *Geotechnical Engineering Investigation: 1758 W. Yosemite Avenue, Manteca, CA 95337.* November 22, 2023.
10. Department of Transportation. *List of Eligible and Officially Designated State Scenic Highways.* Available at: https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways. Accessed January 2024.
11. ESA Cultural Resources Group, 2023. *1758 West Yosemite Avenue, Manteca – Cultural Resources Study.* October 12, 2023.
12. Federal Emergency Management Agency. *Flood Insurance Rate Map 06077C0640F.* Effective January 2023.
13. Fehr & Peers. *Pacific West Yosemite Apartments Transportation Analysis Report.* July 25, 2025.
14. Governor's Office of Planning and Research. *Technical Advisory on Evaluating Transportation Impacts in CEQA*. December 2018.
15. KCE Matrix Consulting Engineers. *Phase I Environmental Site Assessment Report.* October 2023.
16. Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*. February 2015.
17. Sacramento Metropolitan Air Quality Management District. *Guide to Air Quality Assessment in Sacramento County: Operational Criteria Air Pollutant and Precursor Emissions.* October 2020.
18. San Joaquin Valley Air Pollution Control District. *Small Project Analysis Levels (SPAL).* November 13, 2020.
19. Saxelby Acoustics, LLC. *Environmental Noise Assessment 1758 West Yosemite Avenue Project, City of Manteca, California*. July 14, 2025.
20. U.S. Environmental Protection Agency. *User's Guide for the AMS/EPA Regulatory Model (AERMOD).* December 2016.
21. U.S. Fish and Wildlife Service. *National Wetlands Inventory*. Available at: https://www.fws.gov/wetlands/data/Mapper.html. Accessed June 2021.
22. West Yost. *2020 Urban Water Management Plan, City of Manteca.* July 2023.

23. Wild Rye Consulting. *Arborist Report 1758 W, Yosemite Avenue, Manteca, California 95337*. December 14, 2023.

APPENDIX A

AIR QUALITY/GHG MODELING RESULTS

W. Yosemite Ave Apartments Custom Report

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1.1. Basic Project Information

Data Field	Value
Project Name	W. Yosemite Ave Apartments
Construction Start Date	12/1/2025
Operational Year	2028
Lead Agency	City of Manteca
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.40
Precipitation (days)	9.00
Location	1758 W Yosemite Ave, Manteca, CA 95337, USA
County	San Joaquin
City	Manteca
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2166
EDFZ	4
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Apartments Mid Rise	216	Dwelling Unit	6.92	207,360	162,688	—	698	—

Parking Lot	371	Space	3.34	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.04	4.73	12.0	23.4	0.03	0.41	1.74	2.16	0.38	0.42	0.80	—	4,863	4,863	0.15	0.18	7.38	4,927
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.99	4.68	31.7	30.9	0.07	1.37	19.8	21.2	1.26	10.1	11.4	—	7,479	7,479	0.28	0.18	0.19	7,538
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.46	3.28	10.5	15.8	0.02	0.39	2.71	3.10	0.36	1.04	1.40	—	3,465	3,465	0.12	0.13	2.03	3,504
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.63	0.60	1.92	2.88	< 0.005	0.07	0.49	0.57	0.07	0.19	0.26	—	574	574	0.02	0.02	0.34	580

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	5.04	4.73	12.0	23.4	0.03	0.41	1.74	2.16	0.38	0.42	0.80	—	4,863	4,863	0.15	0.18	7.38	4,927
2027	4.95	4.65	11.4	22.7	0.03	0.36	1.74	2.11	0.34	0.42	0.75	—	4,823	4,823	0.14	0.18	6.60	4,886
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.01	3.38	31.7	30.9	0.05	1.37	19.8	21.2	1.26	10.1	11.4	—	5,442	5,442	0.22	0.06	0.03	5,462
2026	4.99	4.68	29.2	29.5	0.07	1.24	19.8	21.0	1.14	10.1	11.3	—	7,479	7,479	0.28	0.18	0.19	7,538
2027	4.85	4.59	11.5	20.9	0.03	0.36	1.74	2.11	0.34	0.42	0.75	—	4,664	4,664	0.16	0.18	0.17	4,722
2028	4.76	4.46	11.0	20.5	0.03	0.32	1.74	2.07	0.30	0.42	0.72	—	4,620	4,620	0.15	0.18	0.15	4,677
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.18	0.15	1.36	1.25	< 0.005	0.06	0.10	0.16	0.05	0.04	0.10	—	227	227	0.01	< 0.005	0.02	229
2026	3.12	2.87	10.5	15.8	0.02	0.39	2.71	3.10	0.36	1.04	1.40	—	3,465	3,465	0.12	0.11	1.77	3,504
2027	3.46	3.28	8.19	15.1	0.02	0.26	1.24	1.50	0.24	0.30	0.54	—	3,358	3,358	0.11	0.13	2.03	3,401
2028	0.44	0.41	0.84	1.59	< 0.005	0.02	0.14	0.16	0.02	0.03	0.06	—	357	357	0.01	0.01	0.20	361
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.03	0.03	0.25	0.23	< 0.005	0.01	0.02	0.03	0.01	0.01	0.02	—	37.6	37.6	< 0.005	< 0.005	< 0.005	37.8
2026	0.57	0.52	1.92	2.88	< 0.005	0.07	0.49	0.57	0.07	0.19	0.26	—	574	574	0.02	0.02	0.29	580
2027	0.63	0.60	1.50	2.75	< 0.005	0.05	0.23	0.27	0.04	0.05	0.10	—	556	556	0.02	0.02	0.34	563
2028	0.08	0.08	0.15	0.29	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	59.1	59.1	< 0.005	< 0.005	0.03	59.8

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	10.2	4.53	47.5	0.09	0.13	7.47	7.60	0.13	1.90	2.03	103	10,375	10,478	10.8	0.44	26.6	10,907
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	9.17	8.78	4.97	30.9	0.08	0.13	7.47	7.60	0.12	1.90	2.02	103	9,711	9,814	10.9	0.47	2.14	10,230
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.51	9.12	4.59	35.3	0.08	0.13	7.06	7.19	0.12	1.80	1.92	103	9,467	9,570	10.9	0.44	11.8	9,984
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.74	1.66	0.84	6.45	0.01	0.02	1.29	1.31	0.02	0.33	0.35	17.0	1,567	1,584	1.80	0.07	1.95	1,653

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.58	4.25	3.66	34.9	0.09	0.07	7.47	7.53	0.06	1.90	1.96	—	8,752	8,752	0.33	0.39	25.1	8,900
Area	5.94	5.88	0.12	12.3	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	0.00	32.8	32.8	< 0.005	< 0.005	—	32.9
Energy	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	1,571	1,571	0.18	0.01	—	1,580
Water	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Waste	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49
Total	10.6	10.2	4.53	47.5	0.09	0.13	7.47	7.60	0.13	1.90	2.03	103	10,375	10,478	10.8	0.44	26.6	10,907
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.26	3.92	4.22	30.5	0.08	0.07	7.47	7.53	0.06	1.90	1.96	—	8,121	8,121	0.37	0.42	0.65	8,256
Area	4.82	4.82	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
Energy	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	1,571	1,571	0.18	0.01	—	1,580
Water	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Waste	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49

Total	9.17	8.78	4.97	30.9	0.08	0.13	7.47	7.60	0.12	1.90	2.02	103	9,711	9,814	10.9	0.47	2.14	10,230
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.06	3.74	3.78	29.0	0.08	0.06	7.06	7.12	0.06	1.80	1.85	—	7,861	7,861	0.33	0.38	10.3	7,993
Area	5.37	5.34	0.06	6.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	16.2	16.2	< 0.005	< 0.005	—	16.2
Energy	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	1,571	1,571	0.18	0.01	—	1,580
Water	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Waste	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49
Total	9.51	9.12	4.59	35.3	0.08	0.13	7.06	7.19	0.12	1.80	1.92	103	9,467	9,570	10.9	0.44	11.8	9,984
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.74	0.68	0.69	5.29	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,301	1,301	0.05	0.06	1.71	1,323
Area	0.98	0.97	0.01	1.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	2.68	2.68	< 0.005	< 0.005	—	2.68
Energy	0.02	0.01	0.14	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.03	< 0.005	—	262
Water	—	—	—	—	—	—	—	—	—	—	—	2.79	3.10	5.89	0.29	0.01	—	15.1
Waste	—	—	—	—	—	—	—	—	—	—	—	14.3	0.00	14.3	1.43	0.00	—	49.9
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	1.74	1.66	0.84	6.45	0.01	0.02	1.29	1.31	0.02	0.33	0.35	17.0	1,567	1,584	1.80	0.07	1.95	1,653

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.26	0.26	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.22	1.09	< 0.005	0.05	—	0.05	0.05	—	0.05	—	188	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.22	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.06	0.06	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	125	125	< 0.005	0.01	0.01	127
Vendor	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	0.00
Hauling	0.01	< 0.005	0.26	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.01	0.02	—	203	203	< 0.005	0.03	0.01	213
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.04	7.04	< 0.005	< 0.005	0.01	7.15
Vendor	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	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	11.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.17	1.17	< 0.005	< 0.005	< 0.005	1.18
Vendor	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	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.93

3.3. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—

Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.12	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	20.7	20.7	< 0.005	< 0.005	—	20.8
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.43	3.43	< 0.005	< 0.005	—	3.44
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	146	146	< 0.005	0.01	0.02	148
Vendor	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	0.00
Hauling	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.60
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.10	0.10	< 0.005	< 0.005	< 0.005	0.10
Vendor	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	0.00
Hauling	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	0.00

3.5. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.74	3.14	29.2	28.8	0.05	1.24	—	1.24	1.14	—	1.14	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.19	0.16	1.48	1.47	< 0.005	0.06	—	0.06	0.06	—	0.06	—	270	270	0.01	< 0.005	—	270
Dust From Material Movement	—	—	—	—	—	—	1.00	1.00	—	0.51	0.51	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.6	44.6	< 0.005	< 0.005	—	44.8
Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.03	0.03	—	143	143	< 0.005	0.01	0.01	145
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.47	7.47	< 0.005	< 0.005	0.01	7.58
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.26
Vendor	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	0.00
Hauling	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	0.00

3.7. Grading (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.62	3.04	27.2	27.6	0.06	1.12	—	1.12	1.03	—	1.03	—	6,599	6,599	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	9.21	9.21	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	0.25	2.24	2.27	0.01	0.09	—	0.09	0.08	—	0.08	—	542	542	0.02	< 0.005	—	544
Dust From Material Movement	—	—	—	—	—	—	0.76	0.76	—	0.30	0.30	—	—	—	—	—	—	—

Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.41	0.41	< 0.005	0.02	—	0.02	0.02	—	0.02	—	89.8	89.8	< 0.005	< 0.005	—	90.1
Dust From Material Movement	—	—	—	—	—	—	0.14	0.14	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.76	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	164	164	< 0.005	0.01	0.02	166
Vendor	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	0.00
Hauling	0.03	0.01	0.91	0.21	< 0.005	0.01	0.19	0.21	0.01	0.05	0.07	—	716	716	0.01	0.11	0.04	750
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.8	13.8	< 0.005	< 0.005	0.02	14.0
Vendor	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	0.00
Hauling	< 0.005	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.9	58.9	< 0.005	0.01	0.06	61.7
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.28	2.28	< 0.005	< 0.005	< 0.005	2.32
Vendor	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	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.74	9.74	< 0.005	< 0.005	0.01	10.2

3.9. Building Construction (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	9.85	13.0	0.02	0.38	—	0.38	0.35	—	0.35	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.67	0.56	5.19	6.83	0.01	0.20	—	0.20	0.18	—	0.18	—	1,262	1,262	0.05	0.01	—	1,266
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.95	1.25	< 0.005	0.04	—	0.04	0.03	—	0.03	—	209	209	0.01	< 0.005	—	210

Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.61	0.39	7.49	0.00	0.00	1.31	1.31	0.00	0.31	0.31	—	1,408	1,408	0.03	0.05	4.83	1,429
Vendor	0.03	0.02	0.78	0.26	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	642	642	0.01	0.10	1.58	673
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.62	0.56	0.49	5.93	0.00	0.00	1.31	1.31	0.00	0.31	0.31	—	1,273	1,273	0.03	0.05	0.13	1,290
Vendor	0.03	0.02	0.83	0.27	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	642	642	0.01	0.10	0.04	672
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33	0.30	0.23	3.20	0.00	0.00	0.68	0.68	0.00	0.16	0.16	—	687	687	0.02	0.03	1.10	697
Vendor	0.02	0.01	0.43	0.14	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	—	338	338	0.01	0.05	0.36	354
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.04	0.58	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	114	114	< 0.005	< 0.005	0.18	115
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	56.0	56.0	< 0.005	0.01	0.06	58.6
Hauling	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	0.00

3.11. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23	1.03	9.39	12.9	0.02	0.34	—	0.34	0.31	—	0.31	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.71	9.24	0.02	0.24	—	0.24	0.22	—	0.22	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.13	1.22	1.69	< 0.005	0.04	—	0.04	0.04	—	0.04	—	283	283	0.01	< 0.005	—	284
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.63	0.58	0.34	6.96	0.00	0.00	1.31	1.31	0.00	0.31	0.31	—	1,386	1,386	0.02	0.05	4.35	1,406
Vendor	0.03	0.02	0.74	0.25	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	629	629	0.01	0.10	1.38	659
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.55	0.53	0.45	5.48	0.00	0.00	1.31	1.31	0.00	0.31	0.31	—	1,253	1,253	0.03	0.05	0.11	1,271
Vendor	0.03	0.02	0.79	0.26	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	629	629	0.01	0.10	0.04	658
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.39	0.38	0.28	4.03	0.00	0.00	0.93	0.93	0.00	0.22	0.22	—	918	918	0.02	0.04	1.34	931
Vendor	0.02	0.01	0.55	0.18	< 0.005	0.01	0.13	0.13	0.01	0.03	0.04	—	449	449	0.01	0.07	0.43	470
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.74	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.22	154
Vendor	< 0.005	< 0.005	0.10	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.4	74.4	< 0.005	0.01	0.07	77.9
Hauling	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	0.00

3.13. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	1.18	0.99	8.92	12.9	0.02	0.30	—	0.30	0.28	—	0.28	—	2,397	2,397	0.10	0.02	—	2,406
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.66	0.96	< 0.005	0.02	—	0.02	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	29.5	29.5	< 0.005	< 0.005	—	29.6
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.52	0.47	0.40	5.12	0.00	0.00	1.31	1.31	0.00	0.31	0.31	—	1,229	1,229	0.03	0.05	0.10	1,246
Vendor	0.03	0.02	0.76	0.25	< 0.005	0.01	0.18	0.19	0.01	0.05	0.06	—	614	614	0.01	0.09	0.03	642
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.39	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	93.7	93.7	< 0.005	< 0.005	0.12	95.0
Vendor	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.6	45.6	< 0.005	0.01	0.04	47.7
Hauling	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	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.02	15.7
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.55	7.55	< 0.005	< 0.005	0.01	7.90
Hauling	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	0.00

3.15. Paving (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	0.44	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.05	0.04	0.39	0.54	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.72	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	136	136	< 0.005	< 0.005	0.47	138
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	123	123	< 0.005	0.01	0.01	124
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.90	6.90	< 0.005	< 0.005	0.01	7.00
Vendor	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	0.00
Hauling	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	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.14	1.14	< 0.005	< 0.005	< 0.005	1.16
Vendor	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	0.00
Hauling	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	0.00

3.17. Architectural Coating (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.79	2.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	0.86	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.79	2.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.43	0.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	66.6	66.6	< 0.005	< 0.005	—	66.9
Architectural Coatings	1.39	1.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.0	11.0	< 0.005	< 0.005	—	11.1
Architectural Coatings	0.25	0.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.08	1.50	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	282	282	0.01	0.01	0.97	286
Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.10	1.19	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	255	255	0.01	0.01	0.03	258
Vendor	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	0.00

Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.04	0.61	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	130	130	< 0.005	0.01	0.21	132
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.6	21.6	< 0.005	< 0.005	0.03	21.9
Vendor	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	0.00
Hauling	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	0.00

3.19. Architectural Coating (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.79	2.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.14	0.11	0.83	1.13	< 0.005	0.02	—	0.02	0.02	—	0.02	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	2.79	2.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.59	0.80	< 0.005	0.01	—	0.01	0.01	—	0.01	—	95.4	95.4	< 0.005	< 0.005	—	95.7
Architectural Coatings	1.99	1.99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.8
Architectural Coatings	0.36	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.07	1.39	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	277	277	< 0.005	0.01	0.87	281

Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.11	0.09	1.10	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	251	251	0.01	0.01	0.02	254
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.06	0.81	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.27	186
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	30.4	30.4	< 0.005	< 0.005	0.04	30.8
Vendor	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	0.00
Hauling	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	0.00

3.21. Architectural Coating (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134

Architect Coatings	2.79	2.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.6	13.6	< 0.005	< 0.005	—	13.6
Architectural Coatings	0.28	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.25	2.25	< 0.005	< 0.005	—	2.26
Architectural Coatings	0.05	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.02	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	246	246	0.01	0.01	0.02	249
Vendor	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	0.00

Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	25.6	25.6	< 0.005	< 0.005	0.03	26.0
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.25	4.25	< 0.005	< 0.005	0.01	4.30
Vendor	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	0.00
Hauling	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	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	4.58	4.25	3.66	34.9	0.09	0.07	7.47	7.53	0.06	1.90	1.96	—	8,752	8,752	0.33	0.39	25.1	8,900
Parking Lot	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	0.00
Total	4.58	4.25	3.66	34.9	0.09	0.07	7.47	7.53	0.06	1.90	1.96	—	8,752	8,752	0.33	0.39	25.1	8,900
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments	4.26	3.92	4.22	30.5	0.08	0.07	7.47	7.53	0.06	1.90	1.96	—	8,121	8,121	0.37	0.42	0.65	8,256
Parking Lot	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	0.00
Total	4.26	3.92	4.22	30.5	0.08	0.07	7.47	7.53	0.06	1.90	1.96	—	8,121	8,121	0.37	0.42	0.65	8,256
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.74	0.68	0.69	5.29	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,301	1,301	0.05	0.06	1.71	1,323
Parking Lot	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	0.00
Total	0.74	0.68	0.69	5.29	0.01	0.01	1.29	1.30	0.01	0.33	0.34	—	1,301	1,301	0.05	0.06	1.71	1,323

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	545	545	0.09	0.01	—	551
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.2	71.2	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	617	617	0.10	0.01	—	623
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	545	545	0.09	0.01	—	551

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.2	71.2	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	617	617	0.10	0.01	—	623
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	90.3	90.3	0.01	< 0.005	—	91.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	11.8	11.8	< 0.005	< 0.005	—	11.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	102	102	0.02	< 0.005	—	103

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	955	955	0.08	< 0.005	—	957
Parking Lot	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
Total	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	955	955	0.08	< 0.005	—	957
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	955	955	0.08	< 0.005	—	957
Parking Lot	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
Total	0.09	0.04	0.75	0.32	< 0.005	0.06	—	0.06	0.06	—	0.06	—	955	955	0.08	< 0.005	—	957
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartme Mid Rise	0.02	0.01	0.14	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	158	158	0.01	< 0.005	—	159
Parking Lot	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
Total	0.02	0.01	0.14	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	158	158	0.01	< 0.005	—	159

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	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
Consumer Products	4.45	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.37	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.13	1.07	0.12	12.3	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	32.8	32.8	< 0.005	< 0.005	—	32.9
Total	5.94	5.88	0.12	12.3	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	0.00	32.8	32.8	< 0.005	< 0.005	—	32.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	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

Consumer Products	4.45	4.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.37	0.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4.82	4.82	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	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
Consumer Products	0.81	0.81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.07	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.10	0.10	0.01	1.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.68	2.68	< 0.005	< 0.005	—	2.68
Total	0.98	0.97	0.01	1.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	2.68	2.68	< 0.005	< 0.005	—	2.68

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Apartments	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	16.8	18.7	35.6	1.73	0.04	—	91.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	2.79	3.10	5.89	0.29	0.01	—	15.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.79	3.10	5.89	0.29	0.01	—	15.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	86.1	0.00	86.1	8.61	0.00	—	301
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	14.3	0.00	14.3	1.43	0.00	—	49.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	14.3	0.00	14.3	1.43	0.00	—	49.9

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.49	1.49
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.25	0.25

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	12/1/2025	12/29/2025	5.00	20.0	—
Site Preparation	Site Preparation	12/30/2025	1/26/2026	5.00	20.0	—
Grading	Grading	1/27/2026	3/9/2026	5.00	30.0	—
Building Construction	Building Construction	4/7/2026	2/7/2028	5.00	480	—
Paving	Paving	3/10/2026	4/6/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	4/21/2026	2/21/2028	5.00	480	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Back	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	11.9	LDA,LDT1,LDT2
Site Preparation	Vendor	—	9.10	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	11.9	LDA,LDT1,LDT2

Grading	Vendor	—	9.10	HHDT,MHDT
Grading	Hauling	10.4	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	156	11.9	LDA,LDT1,LDT2
Building Construction	Vendor	23.1	9.10	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	11.9	LDA,LDT1,LDT2
Paving	Vendor	—	9.10	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	31.1	11.9	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	9.10	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Demolition	—	—	—	—
Demolition	Worker	15.0	11.9	LDA,LDT1,LDT2
Demolition	Vendor	—	9.10	HHDT,MHDT
Demolition	Hauling	2.90	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	419,904	139,968	0.00	0.00	8,727

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	4,993	—
Site Preparation	—	—	30.0	0.00	—
Grading	—	2,501	90.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.34

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
Parking Lot	3.34	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005

2027	0.00	204	0.03	< 0.005
2028	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	1,175	1,061	883	407,715	10,489	9,467	7,886	3,639,383
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	216
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
419904	139,968	0.00	0.00	8,727

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	975,847	204	0.0330	0.0040	2,979,178
Parking Lot	127,411	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	8,785,535	2,790,942
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	160	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

8. User Changes to Default Data

Screen	Justification
Land Use	Lot acreage adjusted to represent overall acreage of the project site.
Construction: Construction Phases	Phase timing based on applicant provided AQ questionnaire. Based on typical construction practices, architectural coating assumed to start two weeks after the start of building construction and last for the same number of days
Operations: Hearths	Based on applicant provided information, all 216 units would not include fireplaces.

APPENDIX B

ARBORIST REPORT

Arborist Report

1758 W. Yosemite Avenue

Manteca, California 95337

December 14, 2023

Prepared for

Pacific West Communities
430 E. State Street, Suite 100
Eagle, ID 83616
Contact: Darren Berberian
Phone: (949) 599-6069
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Prepared by Sarah A. Norris
ISA Certified Arborist, WE-7726A
ISA Tree Risk Assessment Qualified

Tree Inventory conducted December 13, 2023

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Introduction

Wild Rye Consulting conducted a tree inventory of 1758 W. Yosemite Avenue on December 13, 2023 at the request of Pacific West Communities. The property has accessor parcel number (APN) 222-05-005.

This arborist report was prepared after conducting a tree inventory for the above referenced parcel. A total of 10.26 acres were surveyed for trees (**Attachment A, Figure 1**). The purpose of this report is to accurately identify, located, and describe the tree resources located at the parcel. In total, 6 trees were identified on the property.

Regulatory Context

The tree resources evaluated in this arborist report are regulated under Title 17 of the City of Manteca Municipal Code, if the tree meets the size criteria for regulation.

Manteca Municipal Code, 17.48.060 Landscape Care, Maintenance, and Replacement

The City of Manteca Municipal Code addresses the regulation of trees in Chapter 17.48 *Landscaping.* Section 17.48.060 *Landscape Care, Maintenance, and Replacement* was reviewed prior to conducting the field work. This report includes all existing trees equal to or greater than 6 inches in diameter as measured from 4.5 feet above the ground surface (DSH, diameter standard height).

Section 17.48.060 B requires the following:

1. Notification. The City of Manteca Parks and Recreation Department and Planning Division shall be notified of any planned construction or grade change within the proximity of existing mature trees.
2. Protection. Existing trees must be protected from construction equipment, grade changes, excavation for utilities, paving, and footers for proposed structures.
3. Protection from Machinery. A protective fence barrier which encloses the entire area beneath the tree canopy shall be constructed. All exposed roots must be enclosed in this area.
4. Protection from Grade Changes. Grade changes, either raising or lowering the grade, must be approved by the Planning Department prior to any grading taking place.

Section 17.48.060 C addresses pruning. Wild Rye Consulting did not evaluate the need for pruning as part of this scope of work.

Section 17.48.060 D addresses tree removal. The Municipal Code states the following: “For landscaping for multi-family and nonresidential development, removal of trees planted as part of an approved landscape plan shall be limited to trees that are in poor health, structurally distressed, or unsafe. The removal of a tree shall be the final recourse upon determining that it is infeasible to save the tree by any other method (e.g., pruning, treatment of diseases, fertilizing).

1. Removal Process
    a. Prior to the removal of any tree, the Community Development Director's approval is required. Failure to obtain approval prior to removing a tree shall require the owner of the project to replace the removed tree as stated in this Section.

b. The application for request for removal shall include a statement of the health and condition of the trees to be removed by a certified arborist; an explanation of the reason(s) for removal; and a site plan indicating size, quantity, species, and location of the trees to be removed and replaced.

2. Replacement. Replacement of trees shall be required for trees removed and for trees severely and improperly trimmed and shall be as specified below in Table 17.48.060-1 (Tree Replacement Schedule). Replacement may be satisfied by relocation."

Table 17.48.060-1. Tree Replacement Schedule

Size of Damaged/Removed Tree	Replacement Tree Required
2–6 inches	24-inch box
6 inches or greater	36-inch box

Methodology

Tree inventory was completed on December 13, 2023. Sarah Norris, ISA Certified Arborist (WE-7726A) and Emily Turner, arborist assistant, performed the field investigation.

Pacific West Communities transmitted the land survey completed for the parcel as a PDF file to Wild Rye Consulting on December 6, 2023. Land survey was completed by Atlas Geospatial on September 26, 2023 (Atlas Geospatial 2023). Wild Rye Consulting obtained the parcel boundary from the City of Manteca (2020). The parcel boundary was confirmed by Mr. Tyler Johnson, Senior Project Manager at Atlas Civil Design on December 8, 2023.

The parcel boundary was loaded into Esri geographic information system (GIS) software and field data was collected using an Arrow 100 submeter-accuracy global positioning system (GPS) unit, utilizing Esri ARC Field Map collection software. An iPad mini was paired using Bluetooth to the Arrow 100 receiver to facilitate data collection. Georeferenced photographs were collected with an iPhone 13.

All trees rooted inside the parcel boundary equal to or greater than 6 inches in DSH for single trunk trees or a multi-trunked tree with a single trunk measuring 6 inches are included in the tree inventory (**Attachment A, Figure 1**). Trees below the aforementioned size threshold were recorded with GPS and species noted. These trees were retained in the GIS tree shapefile layer, but these trees are not subject to regulation because they fall below established size criteria.

The following data was collected for each tree inside the parcel boundary with a DSH of 6 inches or greater:

- Location of tree (latitude/longitude)
- Tree species
- DSH
- Tree health
- Tree structure; and
- Overall tree condition

DSH was measured using a Spencer Auto-Rewind ProTape with diameter markings. DSH measurements were made at 4.5 feet (54 inches) above the ground surface and recorded to the nearest 0.5 inch. In the case of multi-trunked trees (i.e., trees that have multiple trunks), a DSH was recorded for each trunk at 54 inches above grade. To derive the aggregate DSH of a multi-trunked tree, the square root of the sum of all squared trunk stem DSHs is reported (**Attachment A, Table 1**).

Trees were not tagged as part of this inventory effort, but the location of each tree was recorded with submeter accuracy GPS and notes were recorded about the structural condition of trees, where notable.

The City of Manteca Development Services Department was contacted by telephone on December 6, 2023. Ms. Mallorie Fenrich indicated that the City does not presently have a standard template for arborist report documents, so Wild Rye Consulting followed the report outlined in the Sacramento County Arborist Report Submittal Requirements document, which provides criteria for rating tree health, structure, and overall condition as described below.

Tree health is rated as good, fair, or poor (Table 1). Tree health is a measure of overall vigor and vitality of the tree based on an assessment of crown density, leaf color and size, active callusing, shoot growth rate, extent of crown dieback, cambium layer health, with consideration for the age of the tree.

Tree structure is rated as good, fair, or poor (Table 2). Tree structure is evaluated as a measure of the tree's structural stability and failure potential based on assessment of specific structural features of the root crown, trunk, and branches. The presence of decay, conks, co-dominant trunks, included bark, abnormal lean, one-sided canopy, history of failure, prior construction impact, pruning history, fire history, and other site-specific factors are evaluated to establish a rating for tree structure.

After completion of the tree health and structural assessment, the tree was assigned a numerical overall tree condition rating: 0) dead, 1) severe decline, 2) declining, 3) fair, 4) good and 5) excellent (Table 3). The overall tree condition criteria are descriptive and based upon on professional experience and opinion. The ratings were assigned based upon consideration that the trees evaluated in this arborist report are located adjacent to an existing residential structure.

The ratings assigned for tree health, structure, and overall condition are qualitative ratings based on brief visual inspection of an individual tree. All observations were made from the ground. Trees were observed from as many sides as possible. The purpose of the tree inventory is to identify tree resources on the landscape and provide general information related to tree health, structure, and overall condition. This arborist report is not a tree risk assessment and hazard evaluation although structural defects and tree hazards may be noted in the dataset.

Table 1. Tree Health Assessment Rating Criteria

Condition	Crown/Foliage	Vigor
Good	Leaf size, color, and density are typical; buds are normal in size, viable, abundant, and uniform throughout the canopy; annual seasonal growth increments are average or above average; no evident sign of insect, disease, nor infestation/ infection	Tree appears healthy and has little or no significant deadwood; foliage is normal and healthy; crown dieback none to minimal; bark intact and cambium not exposed; if wounds are present, wound response is vigorous and callus growth is present
Fair	Leaf size, color and density are typical or below average; buds are normal or slightly sparse with potentially varied viability, abundance and distribution throughout the canopy; annual growth increments are average or slightly below average; minor insect, disease, infestation/infection	Tree appears stressed or partially damaged; minimal vegetative growth; moderate amount of deadwood, abnormal foliage; crown dieback minimal to moderate; minor lesions or cambium dieback; wound response is below average, callus growth is minimal
Poor	Leaf size, color and density are obviously abnormal; buds are obviously abnormal or absent; annual growth is below average; moderate to severe insect, disease, infestation/infection	Tree health is in decline; limited to no new vegetative growth; large amounts of deadwood; foliage is severely abnormal; crown dieback moderate to severe; wound response is negligible and callus growth is minimal to absent
Source: Sacramento County Arborist Report Submittal Requirements, adapted by Wild Rye Consulting 2023.		

Table 2. Tree Structure Assessment Rating Criteria

Condition	Root Crown	Trunk	Branches
Good	No apparent injuries, decay, cavities, or evidence of loss of wood strength; no anchoring roots exposed; no sign of disease or infestation	No apparent injuries, decay, cavities, or evidence of loss of wood strength; no codominant or multiple trunk attachments observed; no to minimal lean and response growth present; no sign of disease or infestation	No apparent injuries, decay, cavities, or evidence of loss of wood strength; no or limited codominant branches; below average amount of dead limbs or twigs; no to minor limb failures or included bark; canopy balanced
Fair	Minor to moderate injuries, decay, cavities, or loss of wood strength may be present but are not currently affecting the overall structure; minor to moderate exposure of anchoring roots; some sign of infestation or disease may be present but is not currently affecting tree structure	Minor to moderate injuries, decay, cavities, or loss of wood strength may be present; codominant or multiple trunk attachments present with minor to moderate bark inclusion; moderate lean present; some infestation or disease may be present but not currently affecting tree structure	Minor to moderate injuries, decay, cavities, some codominant branches; loss of wood strength may be present; average or above average dead limbs or twigs; minor to moderate limb failures or bark inclusion; canopy may be asymmetrical
Poor	Moderate to severe injuries, decay, cavities, or loss of wood strength may be present and are affecting the overall structure; moderate exposure of anchoring roots; disease or infestation may be significant and affecting tree structure	Moderate to severe injuries, decay, cavities, or loss of wood strength may be present and are affecting the overall structure; severe lean and response growth minimal to absent; disease or infestation may be significant and affecting tree structure	Moderate to severe injuries, decay, or cavities may be present; numerous codominant branches; major deadwood, twig dieback, major limb failures, or extensive bark inclusion observed; canopy asymmetrical in a manner that threatens stability
Source: Sacramento County Arborist Report Submittal Requirements, adapted by Wild Rye Consulting 2023.			

Table 3. Overall Tree Condition Assessment Rating Criteria

Condition	Overall Tree Condition
5.Excellent	This rating is rarely used because nearly all trees have some health, structural, or site condition that the tree is responding to.
4. Good	No apparent structural defects; no weak branch attachments; no excessively weighted branches, no significant cavities or decay. Vigor appropriate for the species and age of the tree.
3. Fair	Minor structural problems such as weak branch attachment, minor wounds and/or cavities or moderate amount of excessive weight; non-critical structural defects maybe present that can be mitigated through action such as pruning, cabling, or bracing. Vigor slightly below average for the species and age of the tree.
2. Declining	Moderate structural problems such as weak branch attachment, moderate wounds and/or cavities or moderate amount of excessive weight; critical structural defects maybe present that cannot be mitigated through action such as pruning, cabling, or bracing. Vigor below average for the species and age of the tree.
1. Severe decline	Obvious major structural problems present that cannot be corrected with mitigation; potential for major limb, trunk or root failure is high; significant decay or dieback may be present. Vigor minimal for the species and age of the tree.
0. Dead	No signs of life in the tree. No foliage present, branches brittle. Standing snag.
Source: Sacramento County Arborist Report Submittal Requirements, adapted by Wild Rye Consulting 2023.	

Existing Conditions

The parcel is bounded to the north by West Yosemite Avenue. Housing developments are present to the south and west. A commercial development is located east of the parcel. Strawberry trees (*Arbutus unedo*) are rooted on the property associated with the commercial development and the canopy of these trees overhang the gravel driveway that provides access to the parcel. Two metal lattice transmission line towers are located on the southeastern portion of the parcel.

Development on the parcel is limited to the existing residence, located approximately 330 feet south of West Yosemite Avenue along the eastern side of the parcel. The residence is surrounded by a wall that varies in height from approximately 3 feet along the north and east sides of the residence to approximately 4 or 5 feet in height behind the residence. The wall enclosing the residence is constructed from cemented cinder blocks or similar. A garage/shed structure is located south of the residential structure. The area behind the garage/shed structure appeared to have recently burned and the outbuildings have been damaged by fire. All trees included in the tree inventory are located within 70 feet or less of the residential structure.

Summary of Tree Inventory

In total, 6 trees having a DSH of 6-inches or greater are present in proximity to the existing residential structure. All trees are ornamental horticultural species or cultivated fruit trees. No native trees are present on the parcel. Composition of the inventoried trees are summarized in **Table 4**. Detail regarding the health, structure, and condition of each tree is documented in **Attachment A, Table 1**.

The velvet ash (*Fraxinus velutina*) trees (trees #4, 5, 6) located west of the residence should be considered hazard trees. These trees are in severe decline or are dead. There is a general absence of leaf litter under these deciduous trees, despite the timing of the inventory. Tree #6 was the only tree that had any leaves, but this tree has extensive decay on a large branch in the upper canopy. Two medium to large sized branches were noted hanging in the canopy of tree #4—this represents a hazard as these

broken limbs could fall out of the canopy and damage the adjacent residential structure, or people that may be near the tree. Google Earth imagery was used to determine these trees last had a full green canopy in August 2018. Imagery dated July 2020 indicates that the trees were experiencing canopy decline and there is little to no visible foliage on the April 2022 imagery nor May 2023 imagery.

Two trees were rated as having overall condition of fair or better: tree #1 a southern magnolia tree (*Magnolia grandiflora*) and tree #2 a persimmon tree (*Diospyros* sp.).

The detailed tree inventory that includes the health, structure, and overall condition ratings for each tree is provided in **Attachment A, Table1**.

Table 4. Tree Inventory Summary

Tree Type/Common Name	Number of Trees Present	Trees with Overall Condition Rating of Fair or Better
Ornamental Trees		
Southern Magnolia	1	1
Velvet ash	3	0
Fruit Trees		
Persimmon	2	1
Total Number of Trees	***6***	***2***
Data compiled by Wild Rye Consulting 2023		

Conclusion

Removal of any tree requires approval from the Community Development Director.

The velvet ash trees located west of the existing residence should be removed as these trees are unsafe due to numerous structural issues. Failure of a tree part or whole tree could result in impact to the existing residence or could result in injury if people were in proximity to these trees. Wild Rye Consulting did not review the development plan set as part of this scope of work. The scope of work was limited to performing a site visit to complete an arborist inventory and prepare an arborist report.

References

Atlas Geospatial. 2023. (October 17). Alta/NSPS Land Title Survey. Prepared for 1758 W. Yosemite Avenue, Manteca, CA 95337. Land survey date September 26, 2023.

City of Manteca. 2020. Parcels, Geographic Information Systems. Feature Layer in NAD 1983 StatePlane California III FIPS 0403 Feet. Published December 2, 2020. Revised July 30, 2022. Available: https://data-manteca.opendata.arcgis.com/datasets/acc9d3bebd83446a995487287976cfdb/explore. Accessed: December 8, 2023.

Google Earth. 2023. Aerial image centered on latitude 37°47'46.18" N, -121°14'41.82" W. Image dates examined include August 31, 2018 showing three trees (Tree ID 4, 5, 6) located west of the residence have full green canopy; negligible to no green canopy is present in images dated April 16, 2022 and May 10, 2023.

Sacramento County. (no date listed). Arborist Report Submittal Requirements. Department of Environmental Review and Assessment. Available: https://planning.saccounty.gov/LandUseRegulationDocuments/Documents/General-Plan/Arborist%20Report%20Submittal%20Requirements.pdf Accessed June 29, 2023.

Attachment A. Arborist Tree Inventory Map and Data Table

Attachment A, Figure 1. Tree Inventory Map



Source: Wild Rye Consulting 2023

Attachment A. Table 1. Tree Inventory Data Table

Tree ID	Scientific Name	Common Name	DSH (Aggregate)	Multi-trunk	DSH1	DSH2	DSH3	Health	Structure	Overall Condition	Comments
1	*Magnolia grandiflora*	Southern Magnolia	25.3	Yes	10	14	18.5	G	F	3	Cultivated ornamental tree inside residential area.
2	*Diospyros virginiana*	American persimmon	15.5	No	15.5			F	F	3	Cultivated fruit tree inside residential area. Pruning cuts evident on tree, stubs remain. Abundant fruit crop on tree. Outdoor fire place negatively impacting tree canopy. Tree branches leaning onto adjacent outbuilding.
3	*Diospyros kaki*	Japanese persimmon	7.0	No	7			P	P	1	Evidence of fire at the base of the tree. Tree is suspected of being dead due to the lack of fruit and dried leaves attached to branches.
4	*Fraxinus velutina*	Velvet ash	33.5	No	33.5			P	P	0	Measured at 30-inches above ground surface due to branching above this point. Three major scaffold branches. Included bark. Vertical crack extending 4-feet visible from west side of trunk. Two large broken branches hanging in tree canopy. No leaves present in canopy or evidence of fallen leaves on ground. Tree is suspected dead.
5	*Fraxinus velutina*	Velvet ash	24.5	No	24.5			P	P	0	Measured at 4-feet above ground surface due to scaffold branching above this point. Pruning (heading) cuts in canopy. Included bark. Extensive decay on branches. Abnormal growth present (galls or tumor-like growths) on small branches. No leaves present in canopy or evidence of fallen leaves on ground. Tree is suspected dead.
6	*Fraxinus velutina*	Velvet ash	33.0	No	33			P	P	1	Included bark. Narrow branch attachments, Extensive decayed branch on south side of tree. Pruning (heading) cuts in canopy. Minimal canopy present and only on the east side of tree.

Notes: DSH = diameter at standard height as measured at 4.5-feet above the ground.
G= Good; F= Fair; P=Poor See Tables 1–3 for detail on health, structure, and overall conditions ratings.

Data collected by Wild Rye Consulting on December 13, 2023.

Attachment B. Representative Photographs



Photo 1. View of the velvet ash trees located west of the residential structure. These are standing dead trees or are in severe decline and should be considered unsafe.



Photo 2. View of tree #4; hanging broken limb is indicated by arrow. This tree contains at least two broken hanging branches and appears to be a standing dead tree.



Photo 3. View of persimmon tree (#3) that has experienced fire damage.



Photo 4. View of southern magnolia tree #1. This tree is located east of the residential structure.

Attachment C. Arborist Disclosure Statement and Certification of Performance

Arborist Disclosure Statement

Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice. Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms and not all failure mechanisms are understood, nor are well documented in the scientific literature. Not all tree species have failure profiles to provide reference. Conditions may be hidden within trees, below ground, or not clearly visible from the vantage point on the ground. Arborists cannot guarantee that a tree will be healthy, safe, or adequately protected under all circumstances or for a specified period of time. Similarly, there is no guarantee for remediation, protection or mitigation treatments and recommendations cannot be guaranteed. Treatment, pruning and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other considerations. Arborists may not have this type of information at the time of inspection and cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should be expected to reasonably rely upon the completeness and accuracy of the information provided by a client. Trees can be managed, but arborists do not have domain over trees. To live near trees is to accept some degree of risk.

This report represents professional training, experience, and opinion. The conclusions of this report are based upon field inspection of the trees located on the subject parcel.

Certification of Performance

I, Sarah A. Norris, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately.

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.

That the analysis, opinions, and conclusions stated herein are my own.

That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices.

That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any other subsequent events.

I further certify that I am an International Society of Arboriculture (ISA) Certified Arborist (WE-7726A) and that I am ISA Tree Risk Assessment Qualified. I have been involved with the practice of arboriculture and the care and study of trees since 2006. I am a member of the American Society of Consulting Arborists.

APPENDIX C

GEOTECHNICAL ENGINEERING INVESTIGATION

GEOTECHNICAL ENGINEERING INVESTIGATION

Manteca Yosemite Housing
1758 W. Yosemite Avenue
Manteca, CA 95337

Prepared for:
Don Slattery, Executive
Pacific West Communities, Inc
430 E State Street, Suite 100
Eagle, ID 83616



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CTE Job No 25-1472G
November 22, 2023

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EXECUTIVE SUMMARY †

Site Description

Relatively flat lot with a 1900 SF single story residential building, which is presumed to be demolished.

Project Description

A new housing development consisting of 9 apartment buildings, a community center, a community pool, and associated site improvements.

Geological Hazards

Geologic hazards at the site are primarily limited to those caused by violent shaking from earthquake generated ground motion waves.

Grading Requirements

Excavation, scarification and compaction should be conducted as tabulated below.

Location	Over-Excavation	Scarification	Total Eng. Fill
Foundation Footprint	12 inches below bottom of footing	12 inches below excavation base	24 inches
Pavement Areas	12 inches below pavement base rock	12 inches below excavation base	24 inches

Scarified surfaces should be moisture conditioned and compacted in accordance with the requirements below.

Location	Material	Moisture	Compaction
Foundation Bearing	Native	Optimum	90%
Foundation Bearing	Import Fill	Optimum	90%
Pavement Areas	Native	Optimum	95%
Pavement Areas	Import Fill	Optimum	95%

Foundation Design

Type	Bearing Capacity	Minimum Width	Minimum Embedment	Bearing Capacity Increase with depth
Spread	2000 psf	24 inches	18 inches	100 psf/ft up to 2250 psf max
Continuous	2000 psf	12 inches	18 inches	100 psf/ft up to 2250 psf max

Lateral Load Parameters

Lateral Resistance		Equivalent Fluid Pressure		
Parameter	Value	Wall Type	Level Backfill	Sloped 2H:1V
Coefficient of Friction	0.3	Cantilever	45 pcf	60 pcf
Passive Resistance	300 psf/ft (1500 psfmax)	Restrained	60 pcf	80 pcf

Seismic and Pavement Design Parameters

Seismic Parameter	Value
Risk Category	II
Site Class	D
S_{DS}	0.633g
S_{D1}	0.607g
SDC	D

TI	R-Value	Asphalt Pavements		PCC Pavements	
		AC (in)	Class II AB (in)	PCC (in)	Class II AB (in)
4.0	25	3.0	4	4.0	4
5.0	25	3.0	7	4.0	4
6.0		4.0	8	5.0	4

†The results and recommendations presented in this Executive Summary should not be used for design or construction without detailed understanding of the full report. The document should be evaluated in full and all recommendations should be taken in the context of the report and standard engineering and construction practice in the region in which the project is located.

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November 22, 2023 CTE Job No. 25-1472G

Attention: Don Slattery, Executive
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Subject: Geotechnical Engineering Investigation
Manteca Yosemite Housing
1758 W. Yosemite Avenue
Manteca, CA 95337

Dear Don Slattery,

In accordance with your request and authorization of CTE Cal Inc. (CTE) proposal, CTE has completed a geotechnical investigation at the above referenced project site. The attached report contains the results of our subsurface investigation, laboratory testing program, and engineering evaluation of the geotechnical and geological elements of the project site. Specifically, the report provides geotechnical engineering design parameters and construction recommendations for the design and development of the proposed project structures and site improvements.

Based on CTE's subsurface investigations, site materials testing, and our geotechnical and engineering evaluation, the project is considered feasible from a geotechnical standpoint provided the recommendations contained in the attached report are incorporated into the project design and construction. The recommendations contained are based on the assumption that CTE Cal will perform the required observation and inspection services. CTE Cal's experience has found that there are considerable cost savings and reduction of risk by retaining the Geotechnical Engineer of Record for construction observation services.

If you have any questions regarding our findings or recommendations, please do not hesitate to contact this office. The opportunity to be of service is appreciated.

Respectfully submitted,

CTE Cal, INC.

Mike Kennedy, PE 88971
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
MICHAEL H KENNEDY
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CIVIL
STATE OF CALIFORNIA

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1.0 INTRODUCTION AND SCOPE OF SERVICES

1.1 Introduction

The proposed development consists of designing and constructing a new housing development consisting of 9 apartment buildings, a community center, a community pool, and associated site improvements located at 1758 West Yosemite Avenue in Manteca, California.

This report presents the results of the Geotechnical Engineering Investigation, performed by CTE Cal, Inc. (CTE). The report provides conclusions and recommendations regarding the geotechnical design parameters and construction recommendations for the proposed development.

The investigation contained herein included surface and subsurface field explorations, laboratory testing of site soil deposits, geologic and seismic hazard evaluation of the project site, and engineering evaluation and analysis of the proposed project site and improvements. Based on the results of the investigation and analysis performed by CTE the project is considered feasible if the recommendations contained herein are incorporated into the design and construction of the project. References utilized in the investigation and analyses cited are presented in Appendix A.

1.2 Scope of Services

The scope of services provided for this investigation included:

- Review of readily available geologic reports and documents pertinent to the site area.
- Explorations to determine subsurface conditions to the depths influenced by the proposed construction.
- Laboratory testing of representative soil samples to provide data to evaluate the geotechnical design characteristics of the site foundation soils.
- Determination of the general geology and evaluation of potential geologic seismic hazards at the site.
- Preparation of this report describing the investigations performed and providing opinions/conclusions and geotechnical engineering recommendations for design and construction.

2.0 SITE AND PROJECT DESCRIPTION

The proposed project is to consist of design and construction of a new 9 building apartment complex, a community center, a pool and associated site improvements. The proposed project, totaling approximately 9.29± acres is to be constructed at 1758 West Yosemite Avenue in Manteca, California. The project is currently bound by West Yosemite Avenue to the North, a restaurant to West, residential properties to the Southwest, commercial properties to the East, and future residential currently under construction to the South.

At the time of our investigation, the project site consisted of a relatively flat lot surrounded by wire fencing. The central eastern edge of the property contains an approximately 1900 SF single story residential building, which is presumed to be demolished.

Figure 1, Site Index Map, at the end of this report, shows the general location of the sites. Figure 2, Exploration Map, shows the configuration of the proposed project.

3.0 FIELD AND LABORATORY INVESTIGATIONS

3.1 Field Investigations

The field exploration program included performing a site reconnaissance and excavating 19 exploratory borings and 3 percolation test holes to determine the geometry and geotechnical characteristics of subsurface geologic deposits at the site areas proposed for new construction. Representative samples of the subsurface soil deposits were obtained from the soil boring for use in laboratory testing to determine the engineering properties and geotechnical parameters recommended for design. The borings and percolation test holes (designated B-1 through B-19 and P-1 through P-3) were excavated using a truck-mounted drill rig using the auger diameter and depth specified in Appendix B.

The field subsurface exploration program included performing Standard Penetration Tests (SPT) using a standard split barrel sampler (1.4-inch inside diameter, 2-inch outside diameter) which was operated in accordance with ASTM D-1586. The drive sampler was utilized to

obtain samples of the subsurface soils at the depth intervals stated on the boring logs (see Appendix B) by driving the sampler into the bottom of the borehole with successive blows of a 140-pound auto hammer free-falling 30 inches. The number of blows required to drive the sampler three, six-inch intervals (18-inches total of sampler penetration) at each sampling location was recorded and the raw results of the drive sampler testing are shown on the boring logs (contained in Appendix B) in the column "Blows/6 inches". The standard penetration blow counts (N) were collected and used during the geotechnical engineering evaluation and analysis to correlate soil strength and structure bearing characteristics.

Soils were logged in the field by a CTE Field Geologist and were classified based on the Unified Soil Classification System (ASTM D2487), sampler drive resistance, field testing, and visual observations. Exploration logs prepared for each of the borings provide soil descriptions, and blow count data. The boring logs are included in Appendix B which also contains the Boring Log Legend and Definition of Soil Terminology as shown on Plates BL1 and BL2, respectively. The location of the test boring is shown on Figure 2 at the end of this report.

Relatively undisturbed soil samples were obtained from the drive sampler during exploration activities. The samples were collected in capped, stainless steel sample tubes or placed in zip lock plastic bags. Bulk soil samples, if applicable, were recovered directly from drill cuttings or were obtained from surface deposits and placed in sample bags.

Soil samples were then transported to CTE's laboratory for further testing. Field descriptions within the boring logs have been modified, where appropriate, to reflect laboratory test results. Upon completion of drilling, the borings were backfilled from final boring depth to original ground surface. Details of the soils encountered are shown on the Boring Logs which are presented in Appendix B.

3.1.1 Percolation Testing

Our subsurface geotechnical investigation included conducting a site storm water disposal soil suitability evaluation via percolation testing. The evaluation included the drilling and

testing of two percolation test holes drilled at the locations shown on Figure-2. The percolation test holes were drilled from existing lot grade to a depth of 3-ft.

Groundwater was not encountered within the percolation test. These observations represent groundwater conditions at time of the field exploration and may not be indicative of other times, or at other locations. Groundwater conditions can vary with seasonal changes, local weather conditions, and other factors. Groundwater depth in the vicinity of the site is indicated to be on the order of 15± feet below existing grade.

3.1.2 Percolation Testing Procedure

Upon completion of the percolation hole drilling, the sides of the hole were scored to remove any smeared soil surfaces, loose material was removed, and 2 inches of a coarse sand were added the bottom of percolation hole. A 3-inch diameter open-ended slotted drain pipe was then installed to control potential sidewall caving of the test hole. Pre-saturation of the soils to be tested was accomplished by filling each test hole with water to a level of 6 inches above the sand 24 hours prior to test. During the testing a six-inch (minimum) column of water "dissipated" from each of the percolation test holes within 30 minutes or less. Percolation testing was then performed by adding water to a level of approximately 6± inches above the top of the 2 inches of sand placed at the base of each test hole. Recordings were made of the change (drop) in water level at regular time intervals and water level was refilled after each interval. Specific details are included on the attached percolation test data sheets located in Appendix-B.

3.1.3 Percolation and Infiltration Rates

The soil percolation rate is defined by the average time in minutes for a 1-inch column of water to "seep" into the soil. Percolation rate was calculated (in minutes per inch) by dividing the time (in minutes) by the change (drop) in water level (in inches). No correction factor was used in the calculation for boring diameter. Percolation test results are shown below in Table 3.1.3 Owing to variations in material type and depth, percolation rates would typically be expected

to fluctuate somewhat across a site and are also dependent upon actual construction, depth, size, location and workmanship of the drainage element.

The soils encountered were described as silty sand. Based on percolation test results, the soil conditions at the site are considered suitable for a storm water disposal system in the vicinity of the proposed stormwater management basin.

The calculated conversion from percolation rate to infiltration rate is located in Appendix B. The resulting percolation rate in min/inch and Infiltration rates in gal/sf/day are listed in Table 3.1.3 below. The observed infiltration rates listed below do not include a safety factor.

TABLE 3.1.3
PERCOLATION RATES

TEST NUMBER	DEPTH (ft)	MATERIAL TYPE	PERCOLATION RATE (Min/In)	OBSERVED INFILITRATION RATE (Gal/ft^2/day)
P-1	3	Silty Sand (SM)	13.3	10.2
P-2	3	Silty Sand (SM)	2.7	65.7
P-3	3	Silty Sand (SM)	10.0	13.8

3.2 Laboratory Testing Program

Laboratory tests were conducted on representative soil samples for classification purposes and to evaluate physical properties and engineering characteristics. Laboratory tests were conducted on representative soil samples collected from the borings. Geotechnical laboratory testing may include in situ moisture content, dry density, sieve analysis, relative fines content, Atterberg Limits, Expansion Index, R-Value testing and Consolidation testing, see Appendix C for specific tests performed. Test method descriptions and laboratory test results are presented in Appendix C.

4.0 GEOLOGY

4.1 General Geologic Setting

The site is located in the central San Joaquin Valley. The San Joaquin Valley is bounded by the Sacramento Valley to the North, the Sierra Nevada Mountain Range to the East, the San Emigdio and Tehachapi Mountains to the South, and the Coastal Ranges to the West. The floor of the San Joaquin valley consists of layered marine and nonmarine sedimentary rock deposits. These deposits are predominantly Pleistocene-Holoscene (2.6 million years ago to present) sedimentary rocks.

Based on geologic reconnaissance and observations made within the test borings, materials encountered during the investigation were considered to be consistent with Modest formation (Qm) as shown on published regional geologic mapping "Geologic Map of the San Francisco-San Jose Quadrangle, California" (CDMG Regional Geologic Map 5A, Scale 1:250,000, 1991).

4.2 Generalized Soil Conditions

Soil materials encountered in our site explorations are consistent with the above referenced published geologic mapping. Soil materials encountered on site generally consisted of loose to dense silty sand (SM) from the surface to approximately 3.5 to 7.5 feet BGS underlain by medium dense poorly graded sand (SP) to a depth between 10 to 12.5 feet BGS. The sands were followed by very stiff to hard low plastic clay (CL) to a depth of 17.5 feet BGS. Below the clays were dense clayey sand (SC) followed by dense poorly graded sand (SP) to the maximum explored depth of 26.5 feet BGS.

Since the earth material profile described above is generalized, the reader is advised to consult the Test Boring Log contained in Appendix B, if determination of the earth material conditions at a specific depth and location are desired. The boring logs contain a more detailed earth material description regarding color, earth material type, and Unified Soil Classification System (USCS) symbol. It should be noted that earth material conditions cannot be fully determined by test borings and earth material sampling and testing. Hence, unexpected earth material conditions might be encountered during construction. If soil

deposits encountered during construction vary substantially from materials encountered during the investigation, appropriate recommendations will be made during construction. Please contact CTE Cal if soil deposits encountered during construction vary substantially from materials encountered during the investigation.

4.3 Groundwater Conditions

Observations of groundwater conditions were made in the test borings at the time of field exploration. Groundwater was encountered in the boring locations at an approximate depth of 20 feet BGS. Based on information contained on the California SGMA Data Viewer site (https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels), ground water levels measured as groundwater contour lines near the site are typically between 20 to 40 feet BGS in the fall and spring seasons.

Groundwater levels can fluctuate on a seasonal basis due to changes in precipitation, irrigation, pumping, etc., and might increase above the levels determined by field exploration or obtained from nearby monitoring wells. With proper drainage groundwater is not expected to affect the proposed development. However, excavations below groundwater level will be impacted by seepage; therefore, we recommend grading and utility excavations be performed during dry season when ground water levels are lowest. CTE Cal does not perform waterproofing analysis and design. If the presence of groundwater is expected to affect the permanent structure, appropriate mitigation measures should be sought from a waterproofing specialist.

If construction is undertaken during wet-season/heavy-rains, saturated soils will not be expected to be acceptable for grading or compaction and could hamper progress due to limited equipment mobility and/or inability to achieve appropriate moisture content to achieve required soil compaction. Saturated soils resulting from significant precipitation events may need to be dried by aeration or an additive, such as lime, cement, or kiln dust added to stabilize the working surface and allow for proper soil compaction. Moisture conditioning (drying or wetting) of the engineered fill will likely be needed for the project. Appropriate

erosion control and permanent site surface drainage elements per the latest California Building Code should be designed and implemented as per the project civil engineer.

4.4 Geologic Hazards

Based on the investigation it appears that geologic hazards at the site are primarily limited to those caused by violent shaking from earthquake generated ground motion waves. The subject site is not located within a seismic hazard zone for susceptibility to liquefaction or landslides. The subject site is not in an Alquist-Priolo special studies zone.

The underlying undisturbed soils encountered are considered adequate for support of moderately loaded structures with conventional shallow foundations. The soil conditions, groundwater level, and relatively short distances to several faults are significant geotechnical concerns that also control the selection of suitable foundation support for the proposed improvements. Design and construction recommendations presented herein have been developed based on the noted site conditions.

4.5 General Geologic Hazards Observation

Based on the site reconnaissance and review of the referenced literature, the site is not within a State of California-designated Alquist-Priolo Earthquake Fault Studies Zone (http://maps.conservation.ca.gov/cgs/fam/), and no known active fault traces shown on published hazard mapping underlie or project toward the site. According to the California Division of Mines and Geology, a fault is active if it displays evidence of activity in the last 11,000 years (Hart and Bryant, revised 2007). Therefore, the potential for surface rupture from displacement or fault movement directly beneath the proposed improvements is considered low.

4.6 Local and Regional Faulting

The California Geological Survey (CGS) and the United States Geological Survey (USGS) broadly group faults as “Class A” or “Class B”. Class A faults are identified based upon relatively well-defined paleoseismic activity, and a fault-slip rate of more than 5 millimeters

per year (mm/yr). In contrast, Class B faults have comparatively less defined paleoseismic activity and typically have a fault-slip rate less than 5 mm/yr. The nearest faults are listed in Table 4.6. (U.S. Geological Survey (CGS), 2006, Quaternary fault and fold database for the United States, accessed 10/27/2023 USGS website (https://earthquake.usgs.gov/cfusion/hazfaults_2008_search/query_results.cfm)

TABLE 4.6
NEAR SITE FAULT PARAMETERS

FAULT NAME	DISTANCE FROM SITE (MILES)	MAXIMUM EARTHQUAKE MAGNITUDE	SLIP RATE (MM/YR)
Great Valley 7	13.74	6.90	1.5
Greenville Connected	23.90	7.00	2
Great Valley 8	25.43	6.80	1.5
Mount Diablo Thrust	32.02	6.70	2
Great Valley 5, Pittsburg Kirby Hills	36.17	6..70	1
Ortigalita	36.31	7.10	1

4.7 Liquefaction and Seismic Settlement Evaluation

Liquefaction occurs when saturated fine-grained sands and/or silts lose their physical strength temporarily during earthquake induced shaking and behave as a liquid. This is due to loss of point-to-point grain contact and transfer of normal stress to the pore water. Liquefaction potential varies with water level, soil type, material gradation, relative density, and probable intensity and duration of ground shaking.

The California Geological Survey (CGS) has designated certain areas within California as potential liquefaction hazard zones. These mapped areas are considered at risk of liquefaction-related ground failure during a seismic event based upon mapped surficial deposits. The project site is not currently mapped for potential liquefaction hazard by the CGS (refer to CGS website: (http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=regulatorym

aps). Based on readily available published geologic information, there is no historical record of liquefaction occurring at the site.

Based on our explorations the near surface soil deposits at the site consist of 5 to 7.5 feet of medium stiff silt (ML) followed by interbedded poorly graded, medium dense sand and very stiff to hard low-plastic silt (ML).

4.8 Earthquake Induced Landsliding

Based on information available on the California Geological Survey (CGS) website (http://maps.conservation.ca.gov/cgs/lsi/) the subject site is not currently mapped within a State of California Seismic Hazard Zone for seismically induced landsliding. The project site is relatively flat lying, therefore the seismically induced landsliding hazard is considered low.

4.9 Tsunamis and Seiche Evaluation

Based on site location, elevation, and tsunami hazard mapping from the CGS website (http://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=tsunami) the site is not in a tsunami inundation hazard zone. In addition, oscillatory waves (seiches) are considered unlikely due to the absence of large confined bodies of water in the site area.

4.10 Compressible and Expansive Soils

Earth materials encountered at the site within the zone of influence of the proposed foundation system are described as medium dense silty sand. These soils are not considered subject to significant compression under anticipated loads.

The near surface soils encountered during our investigation are also classified as non plastic and low plastic and with low expansion potential and therefore would be expected to exhibit low volume change upon wetting or drying.

4.11 Soil Corrosion Potential

Assessment for potential of soil corrosion on construction materials was not included as part of this investigation. We recommend your corrosion engineer determine the potential corrosive characteristics of the on-site soils with respect to contact with the various underground materials that will be used for project construction.

4.12 Flooding Hazard Potential

Based on FEMA flood zone maps for City of Manteca, California, Map No. 06077C0640F, (2009) to assess the potential for flooding of the site. Based on a review of the noted map, the site is in a designated zone, "0.2 PCT ANNUAL CHANCE OF FLOO HAZARD - Zone X", areas 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.

5.0 CONCLUSIONS AND RECOMMENDATIONS

We conclude that the proposed construction is feasible from a geotechnical standpoint, provided the recommendations in this report are incorporated into the design of the project. Recommendations for the design and construction of the proposed structures and associated improvements are included below.

5.1 Site Preparation

Project site stripping should include the demolition, removal and disposal of all asphalt and concrete debris, vegetation and other organic material in all proposed building pad and improvement areas. Loose, wet or otherwise unstable soil, including undocumented fill in the proposed improvement area should be excavated and evaluated by CTE for possible re-use as engineered fill or disposed of offsite. Utilities that extend into the construction area and are scheduled to be abandoned should be properly capped at the perimeter of the construction zone or moved as directed in the plans. CTE personnel shall observe and confirm that all asphalt and concrete debris, vegetation and other organic material, and unsuitable soil has been adequately removed in all proposed improvement areas.

5.1.1 Site Grading and Excavation Conditions

Site soils encountered within exploratory borings that are expected to be excavated, removed, or otherwise graded are expected to exhibit low to moderate resistance to excavation using standard grading equipment. Grading equipment should be selected by the Contractor based on experience with similar geologic deposits in the region, utilizing subsurface exploratory boring data provided in the appendices, and by using manufacturer's published criteria for equipment selection such as Caterpillar's "Handbook of Ripping".

Materials considered resistant to excavation by standard grading equipment were encountered in the exploratory borings. These materials are expected to require removal to achieve the specified elevations for foundation elements and/or utility trenches. As such, specialty equipment may be required to remove this material which should be selected by the Contractor considering the type of material being [igneous rock, sedimentary rock, metamorphic rock, topsoil, clay, glacial till] and the estimated shearwave velocity being up to 1200 ft/s.

5.2 Grading and Earthwork

CTE recommends that proposed structure areas should consist of engineered fill as specified in Table 5.2. Engineered fill is defined as native or imported earth material that has been verified by a CTE Cal representative to have the engineering characteristics specified herein, moisture conditioned (wetted or dried), graded/placed, and compacted under CTE Cal observation. The building pad engineered fill should extend to a minimum distance of at least 5 feet outside of all proposed structure areas wherever possible.

TABLE 5.2
GRADING AND EARTHWORK†

<table>
<tr><th>GRADING SCOPE</th><th>RECOMMENDATION</th></tr>
<tr><td>Overexcavation and/or Scarification</td><td>Excavation, scarification and compaction should be conducted as tabulated below.
<table>
<tr><th>Location</th><th>Over-Excavation</th><th>Scarification</th><th>Total Eng. Fill</th></tr>
<tr><td>Foundation Footprint</td><td>12 inches below bottom of footing</td><td>12 inches below excavation base</td><td>24 inches</td></tr>
<tr><td>Pavement Areas</td><td>12 inches below pavement base rock</td><td>12 inches below excavation base</td><td>24 inches</td></tr>
</table>
Scarified surfaces should be moisture conditioned and compacted in accordance with the requirements below.</td></tr>
<tr><td>Compaction and Moisture Requirements</td><td>
<table>
<tr><th>Location</th><th>Material</th><th>Moisture</th><th>Compaction</th></tr>
<tr><td>Foundation Bearing</td><td>Native</td><td>Optimum</td><td>90%</td></tr>
<tr><td>Foundation Bearing</td><td>Import Fill</td><td>Optimum</td><td>90%</td></tr>
<tr><td>Pavement Areas</td><td>Native</td><td>Optimum</td><td>95%</td></tr>
<tr><td>Pavement Areas</td><td>Import Fill</td><td>Optimum</td><td>95%</td></tr>
</table>
</td></tr>
<tr><td>Testing Frequency</td><td>
<table>
<tr><th>Location</th><th>Frequency*</th></tr>
<tr><td>Building Pad</td><td>1 per 2500 square ft</td></tr>
<tr><td>Utility Trenches</td><td>1 per 150 linear ft</td></tr>
<tr><td>Pavement Areas</td><td>1 per 2500 square ft</td></tr>
</table>
*Minimum one test per lift and one per day.</td></tr>
</table>

†Requirements of local jurisdiction standards, and project specifications may require more restrictive moisture control and compaction requirements. These requirements should be followed when present.

The exposed over excavated surface should then be scarified, moisture conditioned and recompacted to the moisture and relative compaction as specified in Table 5.2. Moisture density relationship shall be established in accordance with ASTM D1557. The compaction percent listed in Table 5.2 shall be based on percent relative compaction when compared to the maximum dry density determined in accordance with ASTM D1557. Additional engineered fill, if required, shall then be placed in 8 inch loose lifts, moisture conditioned and compacted in accordance with Table 5.2. In certain conditions, local jurisdictions or additional project specifications may require more restrictive moisture control, compaction levels, or other

grading requirements. The more restrictive requirements should be followed where a conflict may exist.

After stripping in pavement improvement areas is conducted, the stripped areas should be overexcavated below the proposed pavement subgrade and the excavated surface should then be scarified, moisture conditioned and recompacted to the moisture and relative compaction as specified in Table 5.2. Moisture-density relationship shall be established in accordance with ASTM D1557. Proof rolling with heavy equipment shall be performed with CTE Cal present to confirm that subgrade is compacted, stable and does not deflect under operating equipment loads where indicated necessary by CTE Cal. Additional engineered fill, if required, shall then be placed in 8-inch loose lifts, moisture conditioned and compacted in accordance with Table 5.2.

Soils generated from the site are expected to be acceptable for engineered fill provided the debris and organic materials are removed from the soils. The moisture content of the soil may be significantly higher or lower than the moisture range required for compaction. Import soils proposed for engineered fill should consist of soil deposits having an Expansion Index EI < 20 or liquid limit less than 30 (LL<30) and a plasticity index less than 12 (PI< 12), with no particles greater than 3 inches and 20 to 80% of the soil particles passing the #200 sieve. Imported fill meeting these requirements should be placed in 8 inch loose lifts, moisture conditioned and compacted to the moisture content and percent relative compaction stated in table 5.2. A CTE representative should approve all imported soils prior to delivery to the site.

If unanticipated, unsuitable or unstable materials are encountered at the surface improvement subgrade or structure over-excavation such that proper compacted and stable materials cannot be obtained, over-excavations to remove such materials may be required. CTE shall inspect and approve all structure over-excavations, pavement and surface improvement subgrade areas to confirm that adequate soil conditions have been reached.

CTE shall also observe and approve the scarification, moisture conditioning and recompaction of the excavated surfaces and the placement of all engineered fill.

5.3 Structure Foundation Recommendations

CTE anticipates it will be feasible to utilize reinforced continuous and isolated spread footing foundations to support the proposed structures at the subject site. It is recommended that these structure foundations be supported upon properly compacted engineered fill per the requirements stated in Section 5.2. Foundation dimensions and reinforcement should be based on the allowable soil bearing values stated in Table 5.3. Footing widths should be at least the widths stated in Table 5.3 or as determined by the project structural engineer. The footings should penetrate into and be embedded below building pad subgrade to the depth stated in Table 5.3. Allowable increases in bearing capacity, where appropriate, are calculated using additional embedment depth, in excess of the minimum requirement, up to the maximum allowable value.

Continuous perimeter spread footings should extend around the entire perimeter of the structures including all door openings if present. The allowable foundation bearing pressures apply to dead loads plus design live load conditions. The design bearing pressure may be increased by one-third when considering total loads that include short duration wind or seismic conditions. The weight of the foundation concrete below grade may be neglected in dead load computations. The weight of the footing should be neglected in the above downward capacity calculations.

We recommend that all footings be reinforced as required by the structural engineer to provide structural continuity, to permit strong spanning of local irregularities, and to be rigid enough to accommodate potential differential static movements over the characteristic length as shown in Table 5.3. CTE recommends that at a minimum footing reinforcement should consist of at least code required minimum reinforcement with proper cover. Isolated spread footings should be reinforced in accordance with the requirements of the structural engineer.

Based on soil conditions observed at the site, the total static structure settlement is expected to be controlled by either static compression or consolidation. Dynamic settlement due to an earthquake event is in addition to the static settlement. See Table 5.3 for expected structure settlements.

The foundation excavations should be clean (i.e., free of all loose slough) and wetted prior to placing steel and concrete. Foundation excavations should be moisture conditioned to the moisture condition stated in Table 5.2 and verified by CTE no longer than 24 hours prior to foundation concrete placement and the placement of vapor barriers. The concrete for the foundation should not be placed against a dry excavation surface. Concrete should be pumped or placed by means of a tremie or elephant's trunk to avoid aggregate segregation and earth contamination. The concrete should be properly vibrated to mitigate formation of voids and to promote bonding of the concrete to steel reinforcing. These recommendations are predicated upon CTE's representative observing the bearing materials as well as the manner of concrete placement.

CTE's geotechnical engineer or his representative should observe soil conditions exposed in foundation excavations and shall test the foundation excavations to assure the proper moisture content has been achieved prior to footing placement. If the soil conditions encountered differ significantly from those presented in this report, then supplemental recommendations from CTE will be required.

TABLE 5.3

STRUCTURE FOUNDATION RECOMMENDATIONS

SYSTEM PARAMETERS	Type	Bearing Capacity	Minimum Width	Minimum Embedment	Bearing Capacity Increase with depth
	Spread	2000 psf	24 inches	18 inches	100 psf/ft up to 2250 psf max
	Continuous	2000 psf	12 inches	18 inches	100 psf/ft up to 2250 psf max

TABLE 5.3
STRUCTURE FOUNDATION RECOMMENDATIONS

SETTLEMENT

Settlement Type	Settlement	Differential Settlement
Consolidation	N/A	N/A
Static Compression	1 inch	½ inch
Dynamic	½ inch	¼ inch
Total	1 inch	¾ inch

Characteristic Length: 30 feet

5.4 Lateral Load Resistance

Foundation elements may be designed to resist lateral loads using the coefficient of friction or cohesion value as stated in Table 5.4 acting over the bearing contact area of the element. Total resistance equals the coefficient of friction times the dead load, or the cohesion strength times the contact area of the element base with the soil. The design passive resistance value stated in Table 5.4 may be used where lateral soil support is provided and protected from disturbance (ie below asphalt or concrete pavement, footing keyways, etc.). The allowable lateral resistance can be taken as the sum of the frictional resistance and the passive resistance, provided the passive resistance does not exceed two-thirds of the total allowable resistance.

TABLE 5.4
LATERAL LOAD RESISTANCE

Parameter	Value
Coefficient of Friction	0.3
Design Passive Resistance	300 psf/ft
Maximum Design Passive Resistance	1500 psf

Lateral load capacities for passive resistance can be increased by one-third for loading conditions that include wind or seismic.

5.5 Retaining Walls and Structures

Free draining retaining walls backfilled using select permeable onsite soils or import fill per the preceding section of this report, may be designed using the equivalent fluid weights given

in the table below. These values are also considered suitable for permanent shoring, if proposed.

TABLE 5.5 EQUIVALENT FLUID UNIT WEIGHTS (pounds per cubic foot)		
WALL TYPE	LEVEL BACKFILL	SLOPE BACKFILL 2:1 (HORIZONTAL: VERTICAL)
Cantilevered Wall	45	60
Restrained Wall	60	80

Traffic surcharges on retaining walls should generally be equal to 1/3 of the vertical load of the traffic located within ten lateral feet of wall.

Temporary shoring, if used, should be designed in accordance with CalTrans Trenching and Shoring Manual, Chapter 7. Submit proposed temporary shoring design to CTE Cal for review and approval as part of the plan review process to confirm that design parameters used are in accordance with recommendations in this report.

The California Building Code Chapter 1807.2.2 requires structures assigned Seismic Design Category D, E, or F to include seismic lateral earth pressures on walls retaining more than 6 feet of retained soil vertically. Lateral pressures on cantilever retaining walls (yielding walls) due to earthquake motions may be calculated based on work by Seed and Whitman (1970). The total lateral thrust against a properly drained and backfilled cantilever retaining wall above the groundwater level can be expressed as:

$$P_{AE} = P_A + \Delta P_{AE}$$

For non-yielding (or “restrained”) walls, the total lateral thrust may be similarly calculated based on work by Wood (1973):

$$P_{KE} = P_K + \Delta P_{KE}$$

Where P_A = Static Active Thrust (given in previous Table)

P_K = Static Restrained Wall Thrust (given in previous Table)

ΔP_{AE} = Dynamic Active Thrust Increment = (3/8) $k_h \gamma H^2$

ΔP_{KE} = Dynamic Restrained Thrust Increment = $k_h \gamma H^2$

k_h = ½ Peak Ground Acceleration = ½ (S_{DS}/2.5)

H = Total Height of the Wall

γ = Total Unit Weight of Soil ≈ 125 pounds per cubic foot

The increment of dynamic thrust in both cases should be based on a trapezoidal distribution (essentially an inverted triangle), with a line of action located at 0.6H above the bottom of the wall. The values above assume non-expansive backfill and free-draining conditions. Additional information for dynamic and static loading conditions for specific retaining structures can be provided on request from CTE.

Measures should be taken to prevent moisture buildup behind all retaining walls. Drainage measures should include free-draining backfill materials and sloped, perforated drains. These drains should discharge to an appropriate off-site location. Waterproofing should be as specified by the project architect.

5.6 Foundation Setback

The bottoms of all utility trenches placed along the perimeter of the foundations should be above an imaginary plane that projects at a 45-degree angle down from the lowest outermost edge of the foundation. Where trenches pass through the plane, the trench should be installed perpendicular to the face of the foundation for a distance of at least the depth of the foundation. Deepening of affected foundation is considered an effective means of attaining the prescribed setbacks.

Foundations should be offset from slopes by at least one-third the slope height. The offset from slopes steeper than 1H:1V should be increased by the projection of a 45° plane from the slope toe. The offset distance should be measured to the nearest edge of the foundation base. Deepening the footing is considered a valid way to achieve the required slope offset.

5.7 Concrete Slabs-On-Grade

Lightly loaded concrete slabs-on-ground placed beneath the structures should be designed for the anticipated loadings, but measure at least 4 inches in thickness. Concrete slabs exposed to vehicular traffic should measure at least 5 inches in thickness. Slab-on-grade reinforcement should consist of at least the minimum reinforcement required by ACI, placed at or above mid-slab height, but with proper cover. Control joints at appropriate spacing i.e. 12 feet each way should be saw-cut into the slab after concrete placement in accordance with ACI Design Manual, Section 302.1R-37 8.3.12 (tooled control joints are not recommended).

All interior slab on grade areas shall be underlain by a capillary moisture break consisting of a 4" layer of ¾" minus crushed rock or Class 2 base. Prior to the installation of the capillary moisture barrier the existing subgrade shall be wetted to at least 3% above optimum moisture content as verified by a CTE representative no longer the 24 hours prior to concrete slab placement. All interior slab on grade located in moisture sensitive areas should be directly underlain by a minimum 15-mil thickness vapor retarder meeting the requirements of ASTM E1745 - Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs, with all laps or penetrations sealed or taped. The vapor retarder should be installed above the capillary moisture break which in turn overlies the compacted building pad. The use of sand above the vapor retarder is not recommended. The concrete to be placed into the slab on grade shall have a water to cement ratio w/c $\leq$ 0.45 and be placed at a maximum slump of 4".

CTE Cal does not practice in the field of moisture vapor transmission evaluation and mitigation. Therefore, we recommend that a qualified firm be engaged with to evaluate the general and specific moisture vapor transmission paths and any impact on the proposed construction. This firm should provide recommendations for mitigation of potential adverse impact of moisture vapor transmission on various components of the structure as deemed appropriate.

5.8 Seismic Design Criteria

Seismic design criteria are provided in Table 5.8 below based on CTE Cal's understanding of the proposed improvement's usage as reasonably determined by Table 1604.5 of the California Building Code. However, CTE Cal does not perform occupant load or usage analysis and the actual Risk Category may be different than that which is assumed herein. Should the Risk Category not align with that determined by the design professional responsible for such determinations, CTE Cal should be notified to provide updated seismic design criteria.

Soils that underlie the site are considered to be consistent with Site Class D materials. Site ground motion with 2% probability of exceedance in 50 years is presented in Table 5.8, below. The table is based on the United States Geological Survey's (USGS) Probabilistic Seismic Design Maps through the third party interface ATC Hazards by Location Tool website (https://hazards.atcouncil.org/#/seismic?) for the site coordinates 37.7962739, -121.24494° latitude and -121.24494° longitude. The referenced USGS design maps are based on the design code reference document, ASCE 7-16 Standard with the 2022 California Building Code.

TABLE 5.8 SEISMIC GROUND MOTION VALUES		
PARAMETER	VALUE	REFERENCE
Risk Category[1]	II	CBC (2022) Table 1604.5
Site Class[2]	D	ASCE 7-16, Chapter 20
Mapped Spectral Response Acceleration Parameter, S_S	0.807g	ASCE 7-16 Figure 22-1
Mapped Spectral Response Acceleration Parameter, S_1	0.304g	ASCE 7-16 Figure 22-2
Seismic Coefficient, F_a	1.177	CBC (2022) Table 1613.2.3 (1)
Seismic Coefficient, F_v[3]	1.996	CBC (2022) Table 1613.2.3 (2) ASCE 7-16 Section 11.4.8
MCE Spectral Response Acceleration Parameter, S_{MS}	0.950g	ASCE 7-16 Section 11.4.4
MCE Spectral Response Acceleration Parameter, S_{M1}[4]	0.910g	ASCE 7-16 Section 11.4.8

TABLE 5.8 SEISMIC GROUND MOTION VALUES		
PARAMETER	VALUE	REFERENCE
Design Spectral Response Acceleration Parameter, S_{DS}	0.633g	ASCE 7-16 Section 11.4.5
Design Spectral Response Acceleration Parameter, S_{D1}[5]	0.607g	ASCE 7-16 Section 11.4.8
Mapped MCE Geometric Peak Ground Acceleration, PGA	0.336g	ASCE 7-16, Chapter 21
Mapped MCE Geometric Peak Ground Acceleration Adjusted for Site Class Effects, PGA_m	0.425g	ASCE 7-16, Chapter 11
Seismic Design Category	D	ASCE 7-16, Chapter 11

[1] Risk Category is based on an assumed nature of occupancy based on CTE Cal's understanding of project scope. Seismic design values may change based on actual occupancy type of the proposed construction.
[2] The 2022 CBC requires a site soil profile determination extending to a depth of 100 feet for seismic site classification. Borings for this study extended to a maximum depth of 25± feet, and this seismic site class definition considers soils below this depth to be consistent with the soils encountered at shallower depths.
[3] F_v is calculated in accordance with ASCE 7-16 Table 11.4-2 assuming that the exception for Site Class D with S_1 greater than or equal to 0.2 will be applied.
[4] S_{M1} is calculated in accordance with ASCE 7-16 Section 11.4.4
[5] S_{D1} is calculated in accordance with ASCE 7-16 Section 11.4.5

Per ASCE 7-16 Section 11.4.8 as modified by Supplement 3, a site-specific ground motion procedure would be required for the structure since the site falls under Class D, and the S_1 parameter is greater than or equal to 0.2. However, the Exception permits the use of the Code-Based ground motion values if the parameter S_{M1} determined by equation 11.4-2 is increased by 50% for all applications of S_{M1}. The resulting value of the S_{D1} parameter calculated in equation 11.4-4 should be used in all applications of S_{D1}.

5.9 Pavement Section Alternatives

It is understood asphaltic or concrete pavement is proposed for the site. The subgrade beneath all pavements should be moisture conditioned and compacted in accordance with Table 5.2 as per ASTM D1557. Pavements should be designed and constructed according to California Department of Transportation (Caltrans) standards by a registered design professional who assigns the required Traffic Index (TI) to the applicable locations at the project site. The pavement sections provided in the stamped civil drawings should be followed

during construction. These values are provided as a guide for design and are not intended for reliance without such a design, stamped and approved by a registered design professional.

The pavement design sections listed below are based on Caltrans Highway Design Manual, using the recommended R-Value for subgrade soils as listed in Table 5.9, and on anticipated traffic indices as indicated below. If these assumptions are incorrect, then this office should be contacted to obtain further pavement recommendations.

TABLE 5.9
RECOMMENDED PAVEMENT SECTIONS

Traffic Area	Assumed Traffic Index	Subgrade "R"-Value	Asphalt Pavements		Portland Cement Concrete Pavements**	
			AC Thickness (inches)	Class II AB* Thickness (inches)	PCC Thickness (inches)	Class II AB* Thickness (inches)
Auto Parking Area	4.0	25	3.0	4	4.0	4
Truck Loading and Drive Areas	5.0	25	3.0	7	4.0	4
Truck Loading and Drive Areas	6.0	25	4.0	8	5.0	4

* Caltrans class 2 aggregate base, ** Concrete should have a modulus of rupture of at least 600 psi

To significantly reduce concrete shrinkage cracking concrete pavements should be reinforced with code required minimum reinforcement placed at above mid-slab height, but with proper concrete cover, or as designed by the structural designer. Concrete pavements not supporting heavy traffic could be unreinforced provided they are constructed with expansion/contraction and/or construction joints spaced no greater than 24 times the pavement thickness, both ways, in nearly square patterns, and are detailed in general accordance with ACI Guidelines. Doweling of concrete pavements at critical pathways is also recommended.

Asphalt concrete paved areas should be designed, constructed, and maintained in accordance with, for example, the recommendations of the Asphalt Institute, or other widely

recognized authority. Concrete paved areas should be designed and constructed in accordance with the recommendations of the American Concrete Institute or other widely recognized authority, particularly with regard to thickened edges, joints, and drainage. The Standard Specifications for Public Works construction ("Greenbook") or Caltrans Standard Specifications may be referenced for pavement materials specifications. Where applicable, local jurisdictional or project specification requirements may be more restrictive than those presented herein. In such case, the more restrictive requirement should be followed.

5.10 Drainage

Foundation and concrete-slab-on grade performance depends greatly on how well the runoff waters drain from the site. This is true both during construction and over the entire life of the structure. The ground surface around structures should be graded so that water flows rapidly away from the structures without ponding. The surface gradient needed to do this depends on the landscaping type.

Should excessive irrigation, waterline breaks, or unusually high rainfall occur, saturated zones and groundwater may develop. Consequently, the site should be graded so that water drains away readily without saturating the foundation or landscaped areas or cascading over slope faces. A potential source of water, such as water pipes, drains, and the like should be frequently examined for signs of leakage or damage. Any such leakage or damage should be repaired promptly. The project Civil Engineers should thoroughly evaluate the on-site drainage and make provisions as necessary to keep surface waters from affecting the site.

Sources of foundation soil moisture reduction should be minimized as well, particularly in soils with expansion potential. Landscaping areas with vegetation with significant root networks can pull moisture from foundation soils, leading to shrinkage and possible settlement of foundations. Generally, large trees with deep root networks should be planted between half and one times their expected mature height from the foundation. However, much variability in moisture variation effects should be expected based on the tree species, which is outside the scope of this report. Further evaluation, should be requested from a qualified professional,

such as an arborist, to evaluate a species for its potential effect on the structure's subsurface moisture and thereby the foundation system.

5.11 Construction Observation

The recommendations provided in this report are based on limited subsurface information observed, at locations, and within, exploratory borings performed for this project and preliminary concept design proposed construction as of the date of publication. The interpolated subsurface conditions, on which this report relies, should be checked in the field during construction to verify conditions described herein are as anticipated. Any changes which occur to preliminary information provided to this office as of the date of this publication, this office should be notified and afforded an opportunity to update information provided in this report.

Recommendations provided in this report are based on the understanding and assumption that CTE Cal will provide the observation and testing services for the project. All field observations, inspections, and tests should be requested prior to the continuance of work such that elements are obstructed or difficult to access for any required corrections. To assure that the recommendations contained within this report are adhered to the following minimum inspection and testing services should be performed with regard to the geotechnical design of the project.

1. Continuous observation and testing to verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill (including utility trenches)
2. Inspection of excavations for footings and other elements to verify excavations are extended to proper depth, have reached proper material, and that the material is adequate to achieve the design bearing capacity.
3. Continuous Inspection of Deep Foundation Elements (if applicable) upon fabrication or delivery to site, and during drilling, driving, and material placement

4. Inspection and testing of subgrade prior to the placement of fill or capillary moisture break materials to verify that the site has been properly prepared.
5. Pavement Class II Base inspection and testing prior to the placement of asphalt or concrete pavement.
6. Asphalt relative compaction testing during pavement placement. (Optional)

In furtherance of CTE Cal's desire to provide comprehensive recommendations as the Geotechnical Engineer of Record (GEOR) for this project and verify the implementation of this report's recommendations, CTE Cal will provide additional recommendations based on the site conditions observed during construction. If CTE Cal is not retained to perform field observation and inspection services, responsibility for the recommendations and conclusions made herein are transferred to the party performing such services. CTE Cal will notify the jurisdiction having authority that CTE Cal is no longer the GEOR on this project, and a letter of adoption of this responsibility should be requested from the other party.

5.12 Plan Review

CTE should review project grading, foundation, and temporary/permanent shoring plans before the start of earthworks to identify potential conflicts and to verify that the recommendations contained in the report are properly incorporated into design and are to be implemented in accordance with this report and construction standards of practice.

6.0 LIMITATIONS OF INVESTIGATION

As indicated, the recommendations presented herein are based on the field exploration, laboratory testing and our geologic and engineering analysis. Following initiation of field testing, these recommendations will be confirmed and or modified, if necessary, based on the materials exposed and re-worked during grading.

The field evaluation, laboratory testing and geotechnical analysis presented in this report have been conducted according to current engineering practice and the standard of care exercised by reputable geotechnical consultants performing similar tasks in this area. No other warranty,

expressed or implied, is made regarding the conclusions, recommendations and opinions expressed in this report.

Variations may exist and conditions not observed or described in this report may be encountered during construction. Our conclusions and recommendations are based on an analysis of the observed conditions. If conditions different from those described in this report are encountered, our office should be notified and additional recommendations, if required, will be provided upon request.

We appreciate the opportunity to be of service on this project. Should you have any questions or need further information please do not hesitate to contact this office.

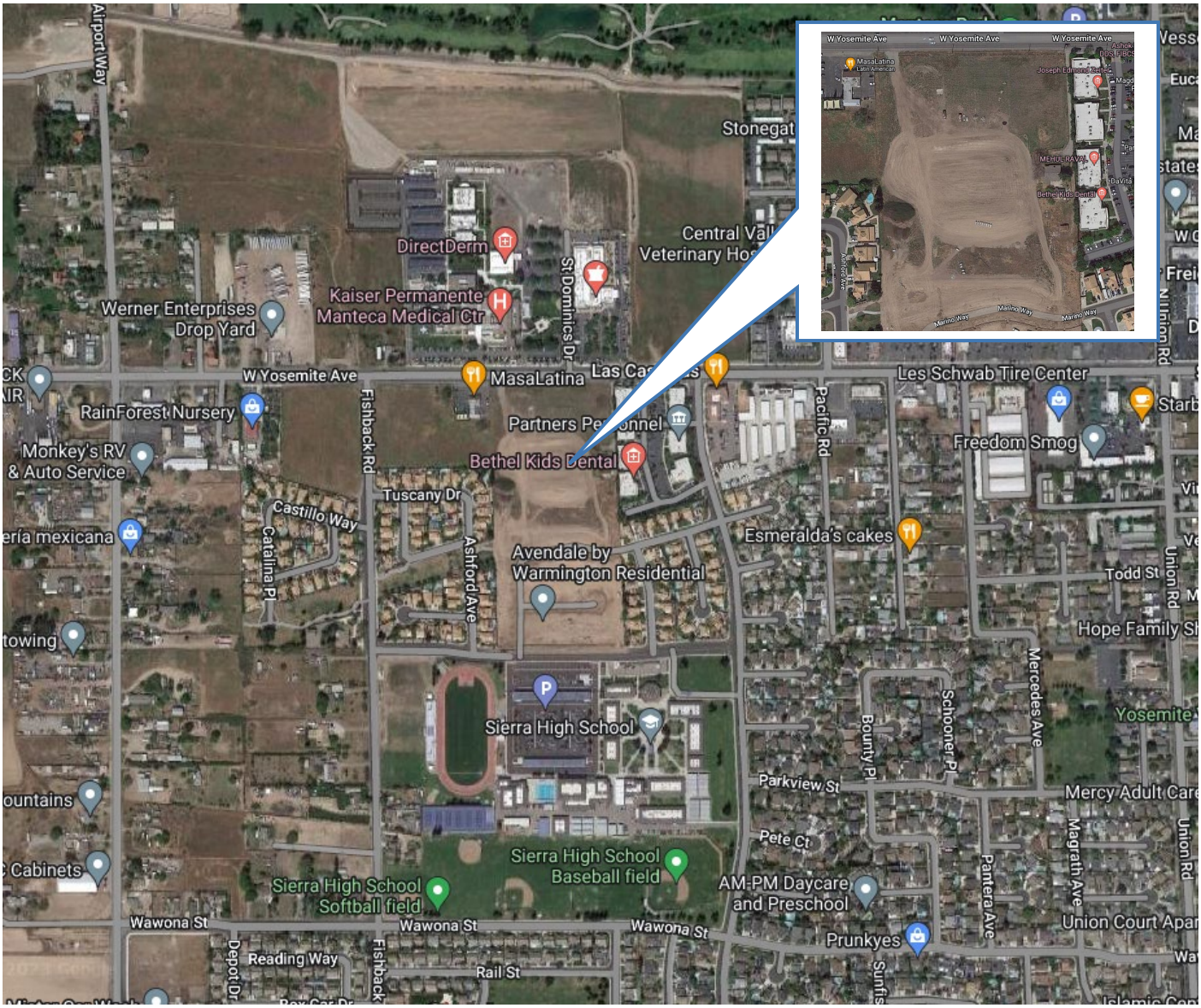
Respectfully submitted,

CTE Cal, INC.

Mike Kennedy, PE 88971
Project Engineer



Selena Gray, EIT
Staff Engineer



KEY MAP

NOTES:

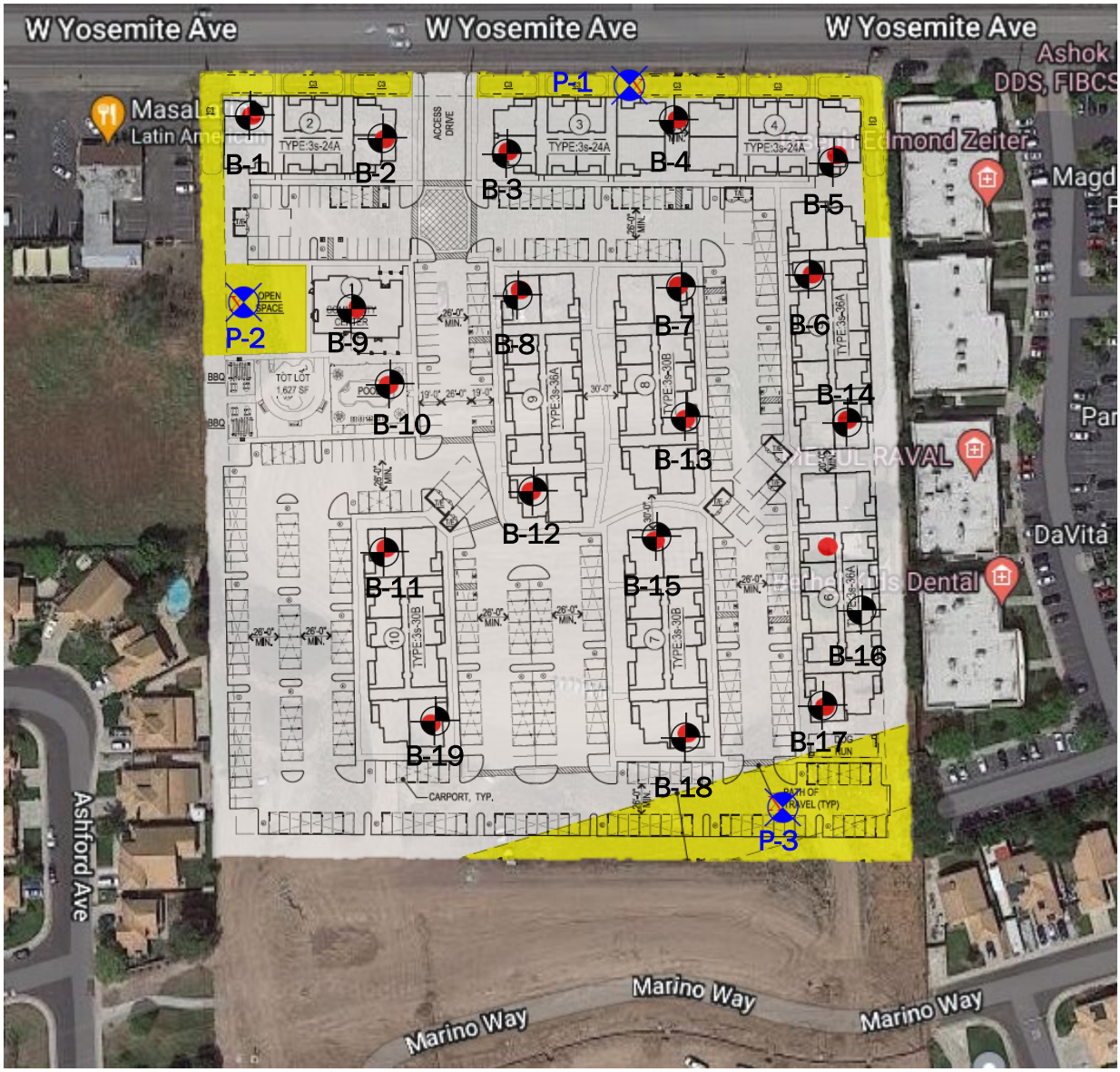
Location of site is approximate. Base map from Map Data ©2023 Google Earth.

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INDEX MAP

Geotechnical Investigation
Manteca Yosemite Housing
1758 W. Yosemite
Manteca, CA 95337

CTE JOB NO.	
25-1472G	
SCALE	
N.T.S.	
DATE	FIGURE
10/18/2023	1



KEY MAP

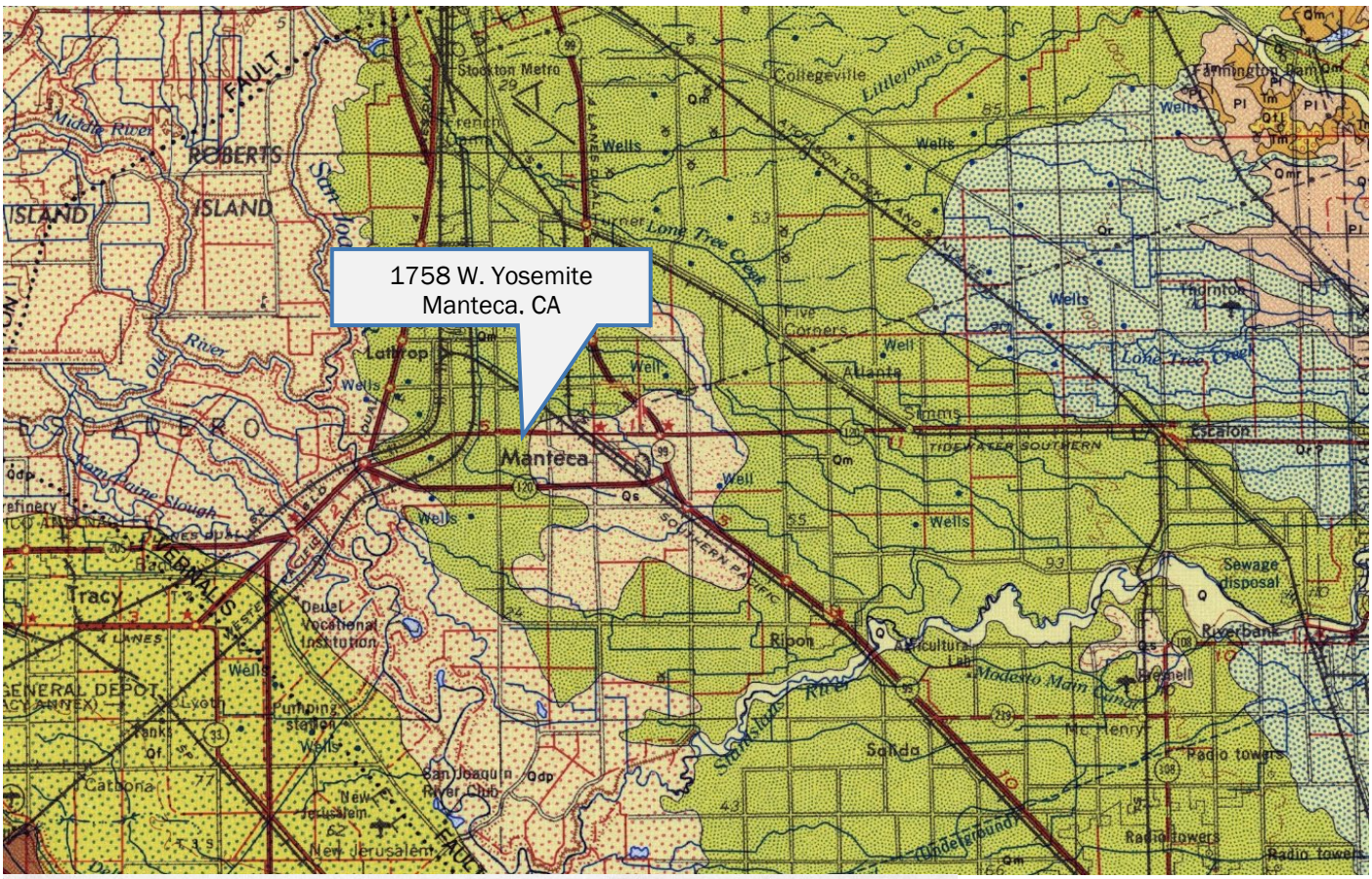
NOTES:
Location of site is approximate. Base map from Map Data ©2023 Google Earth.

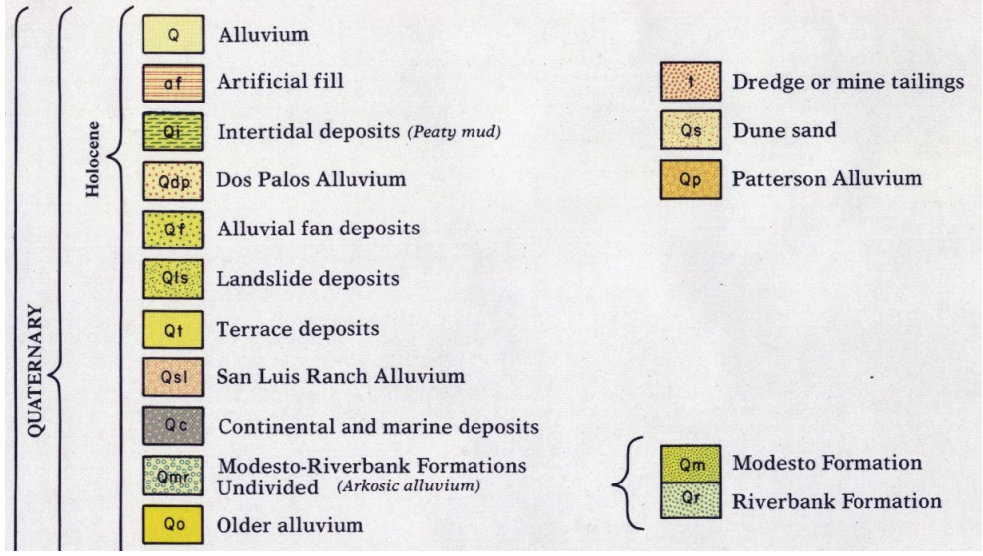
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EXPLORATION LOCATION MAP

Geotechnical Investigation
Manteca Yosemite Housing
1758 W. Yosemite
Manteca, CA 95337

CTE JOB NO.	
25-1472G	
SCALE	
N.T.S.	
DATE	FIGURE
10/18/2023	2







NOTES:
Location of site is approximate. Base map from Geologic map of the San Francisco-San Jose quadrangle, 1:250,000.

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REGIONAL GEOLOGICAL MAP

Geotechnical Investigation
Manteca Yosemite Housing
1758 W. Yosemite
Manteca, CA 95337

CTE JOB NO.	
25-1472G	
SCALE	
N.T.S.	
DATE	FIGURE
10/27/2023	3

APPENDIX A

REFERENCES CITED

1. ACI Design Manual, Section 318, Chapter 4.

2. ASCE/SEI 7-16, 2019, “Minimum Design Loads For Buildings and Other Structures”.

3. ASTM D1557, “Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort,” Volume 04.08.

4. Caterpillar, 2000. “Handbook of Ripping, Twelfth Edition.”

5. California Department of Water Recourses website: (http://wwwdwr.water.ca.gov/waterdatalibrary/index.cfm)

6. California SGMA Data Viewer Website: (https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels)

7. California Geologic Survey (CGS) website for geologic hazards: (https://maps.conservation.ca.gov/cgs/EQZApp/app/)

8. California Division of Mines and Geology (CDMG), “Geologic Map of the San Francisco-San Jose Quadrangle” (1:250,000; 1991), compiled by Wagner, D.L., Bortugno, E.J., and McJunkin, R.D.

9. California Building Standards Commission, “Title 24 - California Building Code 2022”

10. FEMA Flood Map Service Center; “City of Manteca”, Flood Zone Map No. 06077C0640F, October 2009.

11. Google Earth aerial imagery.

12. ATC Hazards by Location website (https://hazards.atcouncil.org/#/seismic?) which utilizes USGS hazard data, reference 2016 ASCE 7 Standard.

13. Hart, Earl W., Revised 2007, "Fault-Rupture Hazard Zones in California, Alquist Priolo, Special Studies Zones Act of 1972,” California Division of Mines and Geology, Special Publication 42.

14. Jennings, Charles W., “Fault Map of California”, 2010, CGS.

APPENDIX B

DEFINITION OF TERMS, LEGEND, BORING LOGS & PERCOLATION TEST DATA

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Fax: (209) 543 - 1775

PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 1 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-1

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			7 6 6 (12)	SM		Medium Dense Silty SAND (SM) Dark Brown, Dry	95.6	6.8	FC=30.8%
5			7 9 10 (19)	SM		Medium Dense Silty SAND (SM) Dark Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 2 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-2

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			5 5 5 (10)	SM		Medium Dense Silty SAND (SM) Brown, Dry			Non-Plastic
5			4 3 5 (8)	SM		Loose Silty SAND (SM) Brown, Dry			
10			5 7 10 (17)	SP		Medium Dense Poorly Graded SAND (SP) Brown, Dry			
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 3 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-3

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			16 13 12 (25)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			20 36 50 (86)	ML		Hard Low-Plastic SILT (ML) Grey, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 4 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 15 ft

BORING: B-4

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			12 8 8 (16)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			5 6 8 (14)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			8 10 11 (21)	SP		Medium Dense Poorly Graded SAND (SP) Brown, Dry			
15			12 10 12 (22)	CL		Very Stiff Low-Plastic CLAY with sand (CL) Brown, Wet			
						Boring Terminated @ 15 ft No Groundwater Encountered			
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 5 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-5

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			14 10 9 (19)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			7 15 20 (35)	SM		Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 6 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-6

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			14 9 8 (17)	SM		Medium Dense Silty SAND (SM) Dark Brown, Dry			
5			6 6 8 (14)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			9 9 12 (21)	SP		Medium Dense Poorly Graded SAND (SP) Brown, Dry			
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 7 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-7

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			12 10 10 (20)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			6 9 10 (19)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 8 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 25 ft

BORING: B-8

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			13 12 12 (24)	SM		Medium Dense Silty SAND (SM) Dark Brown, Dry			
5			7 9 12 (21)	SM		Medium Dense Silty SAND (SM) Dark Brown, Dry			
10			10 10 12 (22)	SP-SM		Medium Dense Poorly Graded SAND with Silt (SP-SM) Brown, Dry	107.7	3.1	FC=5.1%
15			10 23 23 (46)	CL		Hard Low-Plastic CLAY with sand (CL) Brown, Damp	107.3	21	PL=14 LL=27 PI =13
20			15 18 18 (36)	SC		Dense Clayey SAND (SC) Brown, Wet	104.9	23	FC=12.7%
25			16 24 25 (49)	SP		Dense Poorly Graded SAND (SP) Tan, Wet Boring Terminated @ 25 ft Groundwater Encountered @ 20 ft			

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 9 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-9

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			16						
			7 7 12 (19)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			7 11 14 (25)	SM		Medium Dense Silty SAND (SM) Light Brown, Dry	91.9	6.2	FC=32.7%
10			10 13 15 (28)	SP-SM		Medium Dense Poorly Graded SAND with Silt (SP-SM) Tan, Dry	106.5	5.3	FC=5.4%
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 10 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 15 ft

BORING: B-10

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			6 8 10 (18)	SM		Medium Dense Silty SAND (SM) Light Brown, Dry	97.4	10	FC=30.3%
5			7 8 11 (19)	SM		Medium Dense Silty SAND (SM) Light Brown, Dry			
10			8 9 11 (20)	SP		Medium Dense Poorly Graded SAND (SP) Tan, Dry			
15			11 12 17 (29)	CL		Very Stiff Low-Plastic CLAY with sand (CL) Tan, Wet			
						Boring Terminated @ 15 ft No Groundwater Encountered			
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 11 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-11

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			10 9 9 (18)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			8 9 12 (21)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 12 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-12

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			6 6 6 (12)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			6 6 6 (12)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 13 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-13

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			5 5 6 (11)	SC-SM		Medium Dense Silty Clayey SAND (SC-SM) Brown, Dry			PL=18 LL=5 PI =-13
5			7 8 10 (18)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			7 7 10 (17)	SP		Medium Dense Poorly Graded SAND (SP) Brown, Dry			
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 14 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-14

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			10 7 7 (14)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			8 8 10 (18)	SM		Medium Dense Silty SAND (SM) Brown, Dry,			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 15 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-15

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			7 7 7 (14)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			5 13 15 (28)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 16 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-16

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			10 13 13 (26)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			5 5 6 (11)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			11 11 12 (23)	ML		Very Stiff Low-Plastic SILT (ML) Brown, Dry	105.8	12	FC=23.6%
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 17 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 5 ft

BORING: B-17

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			6 6 6 (12)	SC-SM		Medium Dense Silty Clayey SAND (SC-SM) Brown, Dry			PL=16 LL=6 PI =-10
5			7 7 8 (15)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
						Boring Terminated @ 5 ft No Groundwater Encountered			
10									
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 18 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 15 ft

BORING: B-18

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0			8 9 10 (19)	SM		Medium Dense Silty SAND (SM) Brown, Dry	112.4	6.3	FC=14%
5			9 9 9 (18)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			8 8 10 (18)	SP		Medium Dense Poorly Graded SAND (SP) Tan/Brown, Dry			
15			20 20 20 (40)	CL		Hard Low-Plastic CLAY with sand (CL) Brown, Wet			
						Boring Terminated @ 15 ft No Groundwater Encountered			
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

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PROJECT: Manteca Yosemite Housing | DRILLER: West Coast Exploration | SHEET: 19 of 19
CTE JOB NO: 25-1472G | DRILL METHOD: 4" Solid Stem Auger | DRILL DATE: /2023 - 10/31
LOGGED BY: DB | SAMPLE METHOD(S): SPT Rope & Cathead | ELEV: EGS | DEPTH: 10 ft

BORING: B-19

Depth (Feet)	Bulk Sample	Driven Type	Blowcount Per 6" (N Count)	U.S.C.S. Symbol	Graphic Log	DESCRIPTION	Dry Density (pcf)	Moisture (%)	Laboratory Tests
0									
			9 8 8 (16)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
5			8 9 12 (21)	SM		Medium Dense Silty SAND (SM) Brown, Dry			
10			10 10 10 (20)	SP		Medium Dense Poorly Graded SAND (SP) Brown, Dry			
						Boring Terminated @ 10 ft No Groundwater Encountered			
15									
20									
25									

Boring Backfilled on 10/30/2023 - 10/31/2023

CTE CAL,INC. 3628 MADISON AVENUE, SUITE #22 | SACRAMENTO, CA 95660 | 916.331.6030 | FAX 916.331.6037

PERCOLATION TEST DATA SHEET

PROJECT:	Manteca Yosemite Housing	PROJECT No:	25-1472G	TEST DATE:	10/31/2023
Test Hole No:	P-1	Tested By:	DB	DRILL DATE:	10/30/2023
Depth of Test Hole, D_t:	3'	USCS Classification:	Brown, Dry, Silty Sand (SM)		
Test Hole Dimensions (Inches)					
Diameter (if round)=	4"				

PRE_SATURATION

Trial No.	Start Time	Stop Time	Time Interval (min)	Initial Depth to Water (in)	Final Depth to Water (in)	Change in Water Level (in)	Comments:
1	4:01	4:31	30	12.00	4.75	7.25	Pre saturated 24 hours before testing
2							

TEST MEASUREMENTS

Trial No.	Start Time	Stop Time	Δt Time Interval (min)	D_o Initial Depth to Water (in)	D_f Final Depth to Water (in)	ΔD Change in Water Level (in)	Percolation Rate (min./in.)
1	4:31	4:41	10	6.00	5.00	1.000	10.0
2	4:41	4:51	10	6.00	5.25	0.750	13.3
3	4:51	5:01	10	6.00	5.25	0.750	13.3
4	5:01	5:11	10	6.00	5.25	0.750	13.3
5	5:11	5:21	10	6.00	5.25	0.750	13.3
6	5:21	5:31	10	6.00	5.25	0.750	13.3
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Comments: Final Steady Percolation Rate = 13.3 min/inch

See attachment for conversion to gal/sf per day

Test hole backfilled with cuttings 10/31/2023

CTE CAL,INC. 3628 MADISON AVENUE, SUITE #22 | SACRAMENTO, CA 95660 | 916.331.6030 | FAX 916.331.6037

PERCOLATION TEST DATA SHEET

PROJECT:	Manteca Yosemite Housing	PROJECT No:	25-1472G	TEST DATE:	10/31/2023
Test Hole No:	P-2	Tested By:	DB	DRILL DATE:	10/30/2023
Depth of Test Hole, D_t:	3'	USCS Classification:	Brown, Dry, Silty Sand (SM)		
Test Hole Dimensions (Inches)					
Diameter (if round)=	4"				

PRE_SATURATION

Trial No.	Start Time	Stop Time	Time Interval (min)	Initial Depth to Water (in)	Final Depth to Water (in)	Change in Water Level (in)	Comments:
1	2:49	3:19	30	12.00	0.50	11.50	Pre saturated 24 hours before testing
2							

TEST MEASUREMENTS

Trial No.	Start Time	Stop Time	Δt Time Interval (min)	D_o Initial Depth to Water (in)	D_f Final Depth to Water (in)	ΔD Change in Water Level (in)	Percolation Rate (min./in.)
1	3:19	3:29	10	6.00	2.00	4.000	2.5
2	3:29	3:39	10	6.00	2.25	3.750	2.7
3	3:39	3:49	10	6.00	2.25	3.750	2.7
4	3:49	3:59	10	6.00	2.25	3.750	2.7
5	3:59	4:09	10	6.00	2.25	3.750	2.7
6	4:09	4:19	10	6.00	2.25	3.750	2.7
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Comments: Final Steady Percolation Rate = 2.7 min/inch

See attachment for conversion to gal/sf per day

Test hole backfilled with cuttings 10/31/2023

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PERCOLATION TEST DATA SHEET

PROJECT:	Manteca Yosemite Housing	PROJECT No:	25-1472G	TEST DATE:	10/31/2023
Test Hole No:	P-3	Tested By:	DB	DRILL DATE:	10/30/2023
Depth of Test Hole, D_t:	3'	USCS Classification:	Brown, Dry, Silty Sand (SM)		
Test Hole Dimensions (Inches)					
Diameter (if round)=	4"				

PRE_SATURATION

Trial No.	Start Time	Stop Time	Time Interval (min)	Initial Depth to Water (in)	Final Depth to Water (in)	Change in Water Level (in)	Comments:
1	1:33	2:03	30	12.00	5.75	6.25	Pre saturated 24 hours before testing
2							

TEST MEASUREMENTS

Trial No.	Start Time	Stop Time	Δt Time Interval (min)	D_o Initial Depth to Water (in)	D_f Final Depth to Water (in)	ΔD Change in Water Level (in)	Percolation Rate (min./in.)
1	2:03	2:13	10	6.00	5.00	1.000	10.0
2	2:13	2:23	10	6.00	5.00	1.000	10.0
3	2:23	2:33	10	6.00	5.00	1.000	10.0
4	2:33	2:43	10	6.00	5.00	1.000	10.0
5	2:43	2:53	10	6.00	5.00	1.000	10.0
6	2:53	3:03	10	6.00	5.00	1.000	10.0
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Comments: Final Steady Percolation Rate = 10 min/inch

See attachment for conversion to gal/sf per day

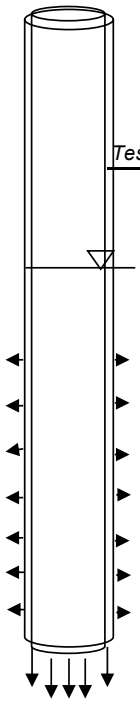
Test hole backfilled with cuttings 10/31/2023

CTE CAL,INC. 4230 Kiernan Ave., Ste. 150 | Modesto, CA 95356 | Ph: (209) 543 - 1799 | Fax: (209) 543-1775

CTE# 25-1472G

INFILTRATION RATE PER PORCHET METHOD

Reference: "Riverside County-Low Impact Development BMP Design Handbook" (Page 20)



Percolation Data at the Final Interval

Test No.	Radius	Time Interval (Δt)	Initial Depth of Water in inches (D_o)	Final Depth of Water in inches (D_f)	Change in Height of Water in inches (ΔH)	Average Head Over Time Interval in inches (H_{avg})
P-1:	2.0	10.00	6.00	5.25	0.75	5.63
P-2:	2.0	10.00	6.00	2.25	3.75	4.13
P-3:	2.0	10.00	6.00	5.00	1.00	5.50

Infiltration Rate $I_t=(\Delta H\ 60\ r)/\Delta t(r+2H_{avg})$

P-1:	I_t = (0.75 in)(60 min/hr)(2 in) / (10 min) (2 in + 2(5.63 in))=	0.68	in/hr
P-2:	I_t = (3.75 in)(60 min/hr)(2 in) / (10 min) (2 in + 2(4.13 in))=	4.39	in/hr
P-3:	I_t = (1 in)(60 min/hr)(2 in) / (10 min) (2 in + 2(5.50 in))=	0.92	in/hr

Infiltration Rate in gal/sf/day = (It in/hr)(24 hr/day)(7.48 gal / cf)(ft/12 in)

P-1=	((0.68)(24)(7.48))/12=	10.2	gal/sf/day
P-2=	((4.39)(24)(7.48))/12=	65.7	gal/sf/day
P-3=	((0.92)(24)(7.48))/12=	13.8	gal/sf/day

APPENDIX C

LABORATORY METHODS AND RESULTS

Laboratory tests were performed on representative soil samples to detect their relative engineering properties. Tests were performed following test methods of the American Society for Testing Materials or other accepted standards. The following presents a brief description of the various test methods used. The result of the laboratory tests is presented on the test boring logs or following this Appendix section.

Natural Moisture Content

The procedure of ASTM D2216 was used to measure the moisture content of representative samples.

Classification

Soils were classified visually according to the Unified Soil Classification System. Visual classifications were supplemented by laboratory testing of selected samples according to ASTM D2487.

Atterberg Limits

The procedure of ASTM D4318 was used to measure the liquid limit, plastic limit and plasticity index of representative samples.

Material Finer than No. 200 Sieve

Particle-size analyses were performed on selected representative samples according to ASTM D1140.

MOISTURE & DENSITY TEST

Project Number: 25-1472G **Sample Date:** 10/30/2023

Project Name: Manteca Yosemite Housing **Lab Number:** 2329 / MD # 1

Sample No.	B-1	B-8	B-8	B-8	B-9
DEPTH FT	2	10	115	20	5
SAMPLE HT	6	6	6	6	6
TUBE DIA.	1.4	1.4	1.4	1.4	1.4
Pan Wt	0	0	0	0	0
SOIL+Tube+Pan	378.1	383.4	447.1	454.1	376.8
Tube Wt	130.7	114.2	133	142.2	140.2
SOIL WET	247.4	269.2	314.1	311.9	236.6
SOIL LB	0.54541	0.59295	0.69185	0.68700	0.52115
VOL SOIL	0.00534	0.00534	0.00534	0.00534	0.00534
WET DENS	102.1	111.0	129.5	128.6	97.5
DRY WT					
SOIL DRY	231.7	261.2	260.2	254.5	222.8
% MOIST	6.8%	3.1%	20.7%	22.6%	6.2%
DRY DENS	95.6	107.7	107.3	104.9	91.9

Reviewed By: Brian Williams
Laboratory Manager

Date: November 2, 2023

MOISTURE & DENSITY TEST

Project Number: 25-1472G **Sample Date:** 10/30/2023

Project Name: Manteca Yosemite Housing **Lab Number:** 2329 / MD # 2

Sample No.	B-9	B-10	B-16	B-18	
DEPTH FT	10	2	10	2	
SAMPLE HT	6	6	6	6	
TUBE DIA.	1.4	1.4	1.4	1.4	
Pan Wt	0	0	0	0	0
SOIL+Tube+Pan	400.9	401.4	428	411.5	
Tube Wt	129	140.9	140.8	121.9	
SOIL WET	271.9	260.5	287.2	289.6	
SOIL LB	0.59943	0.57379	0.63260	0.63789	
VOL SOIL	0.00534	0.00534	0.00534	0.00534	
WET DENS	112.2	107.4	118.4	119.4	
DRY WT					
SOIL DRY	258.1	236.3	256.7	272.5	
% MOIST	5.3%	10.2%	11.9%	6.3%	
DRY DENS	106.5	97.4	105.8	112.4	

Reviewed By: Brian Williams
Laboratory Manager

Date: November 2, 2023

Material Finer than #200 Sieve

ASTM D-1140

Project Name: Manteca Yosemite Housing Date Received: 10/30*/2023

Project #: 25-1472G Sampled By: Danny B

Sample Description: Lab #: 2329

Sample Location:	B-1	B-8	B-8	B-9	B-9	B-10
Depth:	2	10	20	5	10	2
Initial Dry Wt. + Tare (g):	231.7	261.2	254.5	222.8	258.1	236.3
Tare:	0	0	0	0	0	0
Oven Dry Wt. + Tare (g):	160.3	248	222.2	150	244.2	164.8
Soil Loss (g):	71.4	13.2	32.3	72.8	13.9	71.5
Percent Finer than # 200 Sieve:	**30.8%**	**5.1%**	**12.7%**	**32.7%**	**5.4%**	**30.3%**

Sample Location:	B-16	B-18				
Depth:	10	2				
Initial Dry Wt. + Tare (g):	256.7	272.5				
Tare:	0	0				
Oven Dry Wt. + Tare (g):	196.1	234.4				
Soil Loss (g):	60.6	38.1				
Percent Finer than # 200 Sieve:	**23.6%**	**14.0%**				

Reviewed By: Brian Williams Date: 11/2/2023

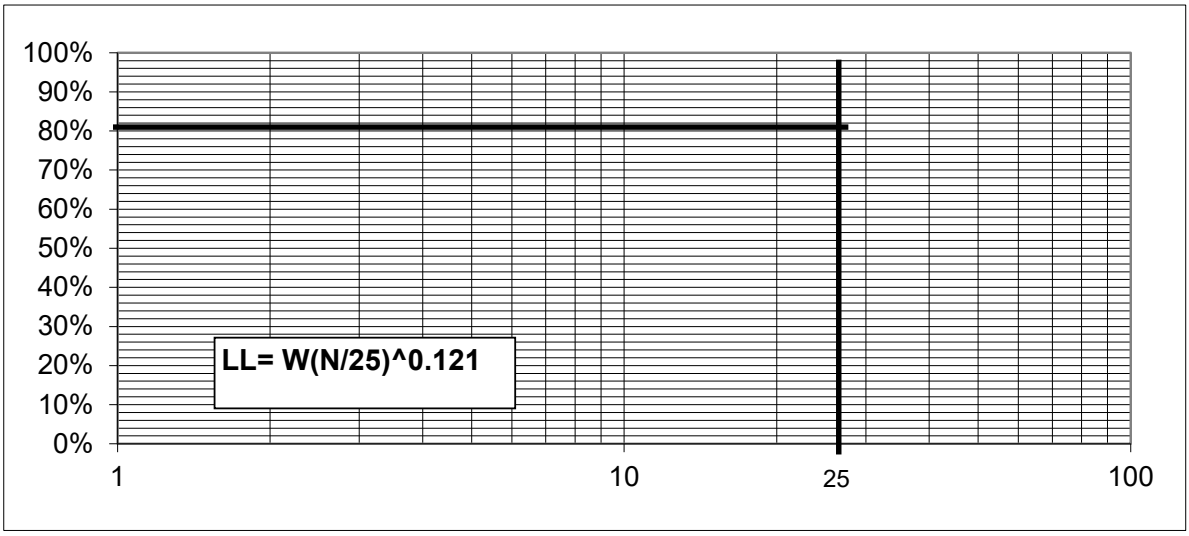
Project Engineer

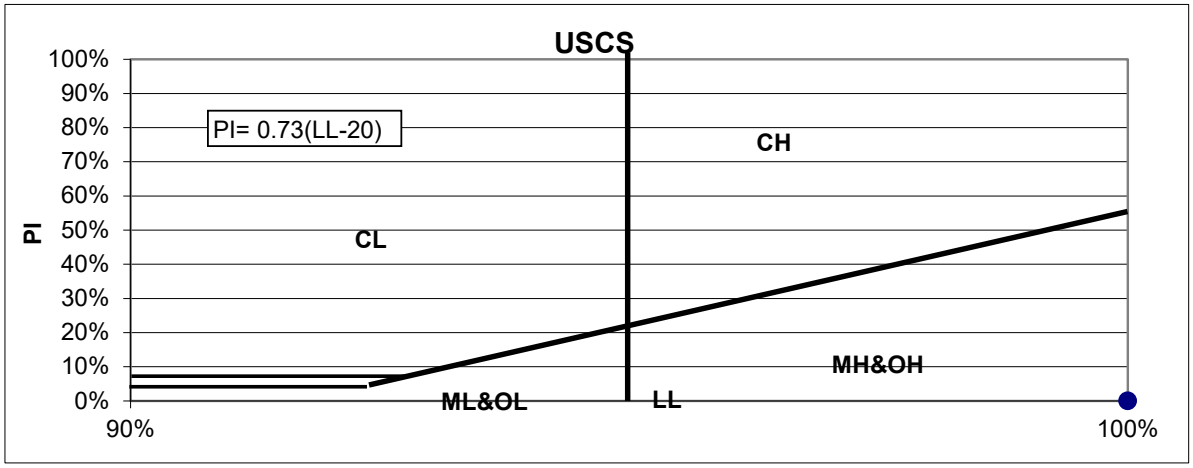
Job Name:	Manteca Yosemite Housing		**Date:**	10/30/23
Job Number:	25-1472G		**Boring:**	B-2
Sample Nr. :	2329		**Depth:**	2

ATTERBERG

Non Plastic

	LIQUID LIMITS					PLASTIC LIMIT	
WET SOIL							
DRY SOIL							
TARE							
WATER	0.00	0.00	0.00	0.00		0.00	0.00
# BLOWS							
% MOIST							
						PL	**PI**
ONE POINT							**#VALUE!**





REVIEWED BY: Brian Williams **DATE:** 11/22/2023

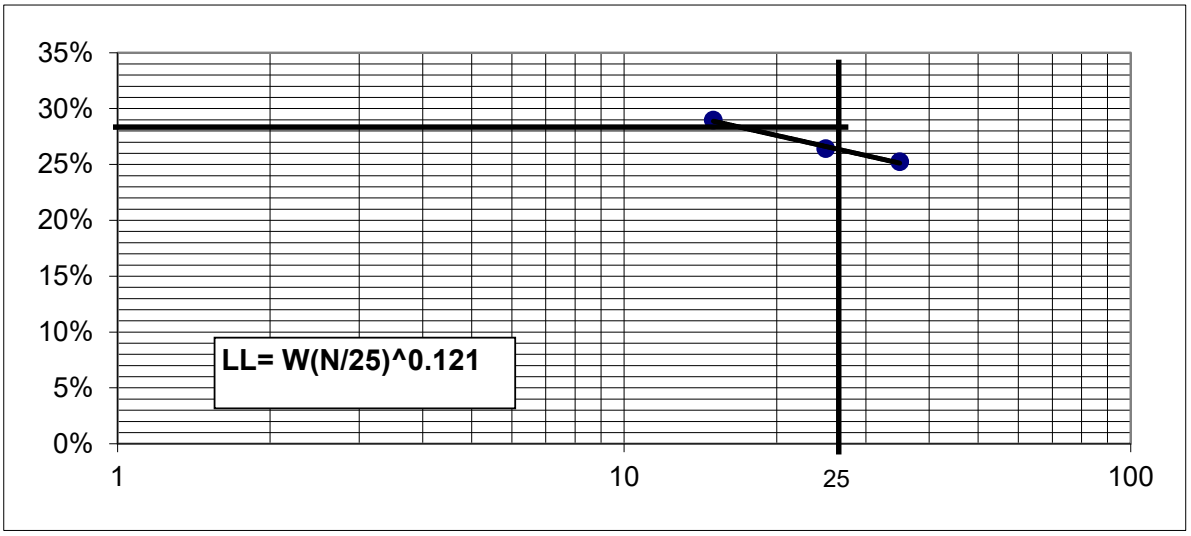
Job Name: Manteca Yosemite Housing **Date:** 10/30/23

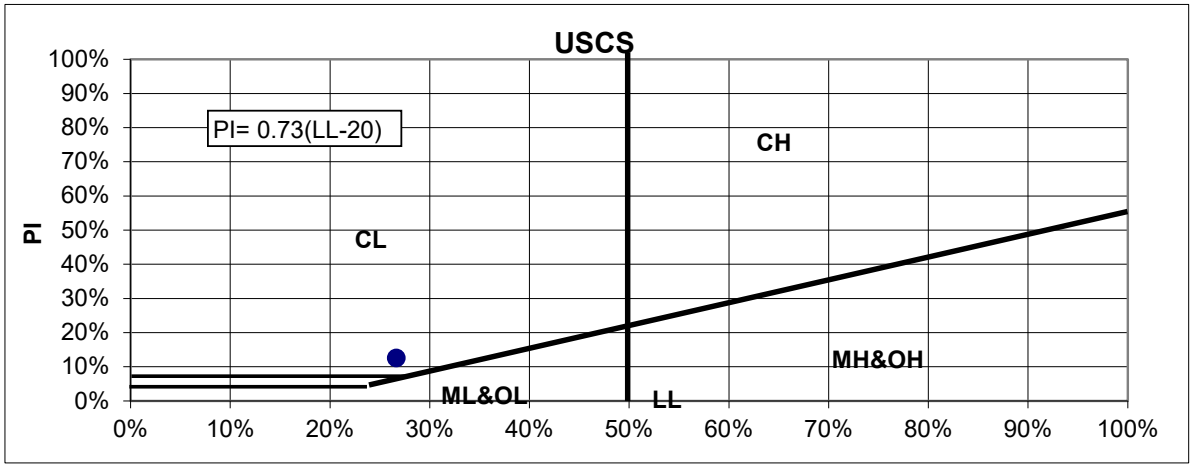
Job Number: 25-1472G **Boring:** B-8

Sample Nr. : 2329 **Depth:** 15

ATTERBERG

	LIQUID LIMITS					PLASTIC LIMIT	
WET SOIL	24.75	22.21	22.55			9.48	9.66
DRY SOIL	22.21	20.28	20.78			9.36	9.51
TARE	13.44	12.97	13.77			8.51	8.45
WATER	2.54	1.93	1.77	0.00		0.12	0.15
# BLOWS	**15**	**25**	**35**				
% MOIST	**28.96%**	**26.40%**	**25.25%**			**14.12%**	**14.15%**
					LL	**PL**	**PI**
ONE POINT	**27.2%**	**26.4%**	**26.3%**		**27%**	**14%**	**13%**





REVIEWED BY: Brian Williams **DATE:** 11/2/2023

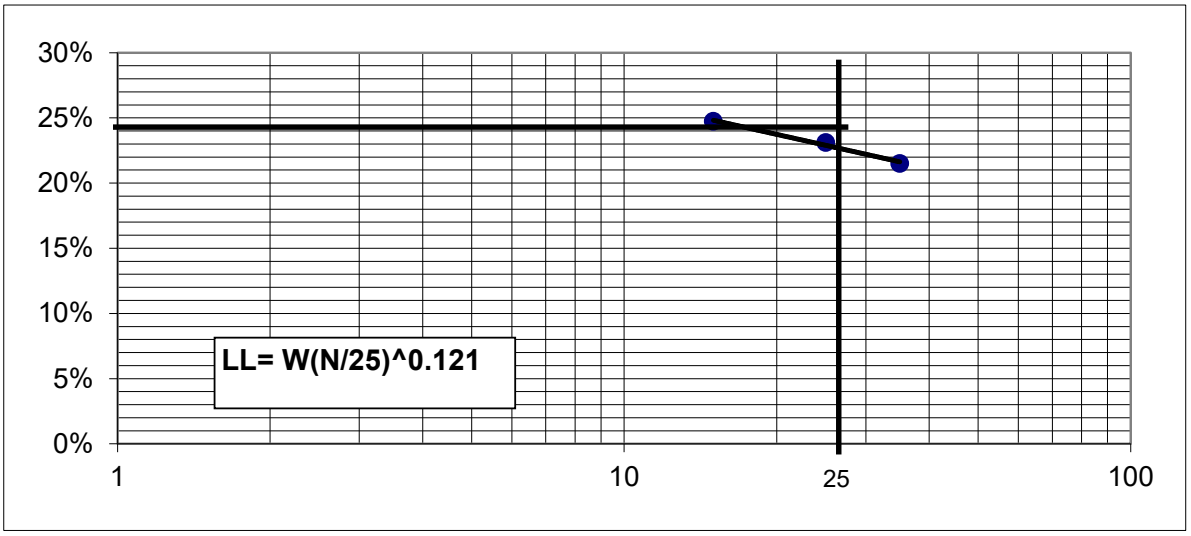
Job Name: Manteca Yosemite Housing **Date:** 10/30/23

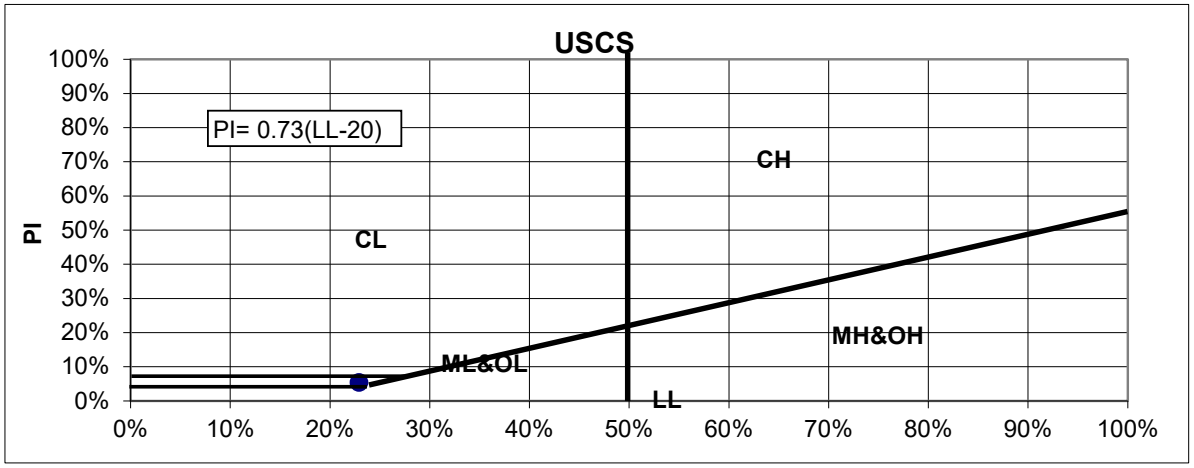
Job Number: 25-1472G **Site#:** B- 13 @ 2

Sample Nr. : 2329

ATTERBERG

	LIQUID LIMITS					PLASTIC LIMIT	
WET SOIL	26.10	32.26	23.04			19.31	17.53
DRY SOIL	23.70	30.01	21.39			18.48	16.95
TARE	14.00	20.27	13.72			13.77	13.62
WATER	2.40	2.25	1.65			0.83	0.58
# BLOWS	**15**	**25**	**35**				
% MOIST	**24.74%**	**23.10%**	**21.51%**			**17.62%**	**17.42%**
					LL	**PL**	**PI**
ONE POINT	**23.3%**	**23.1%**	**22.4%**		**23%**	**18%**	**5%**





REVIEWED BY: Brian Williams **DATE:** 11/22/2023

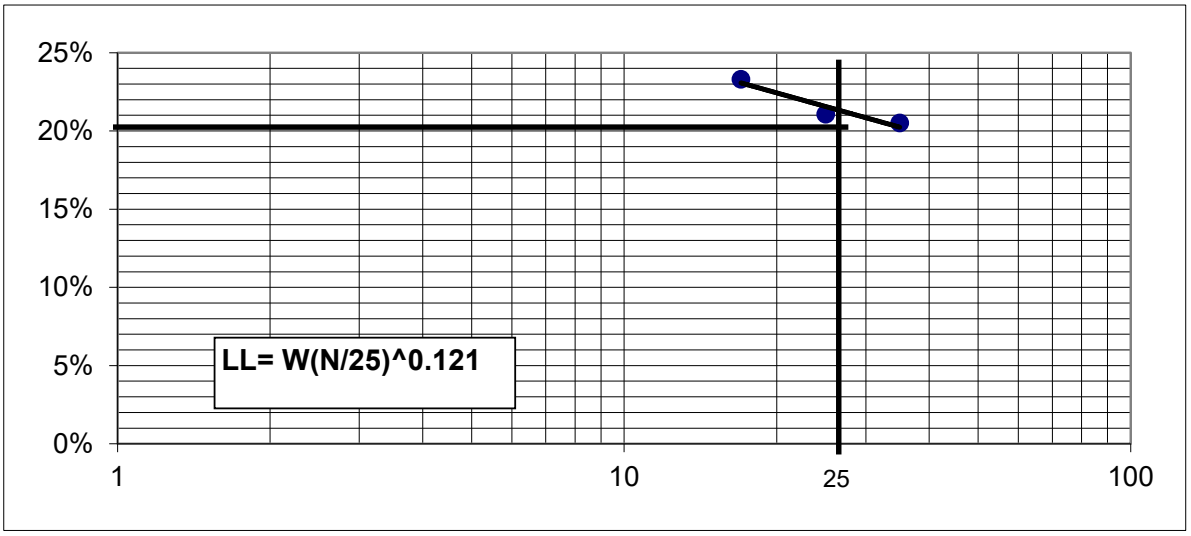
Job Name: Manteca Yosemite Housing **Date:** 10/30/23

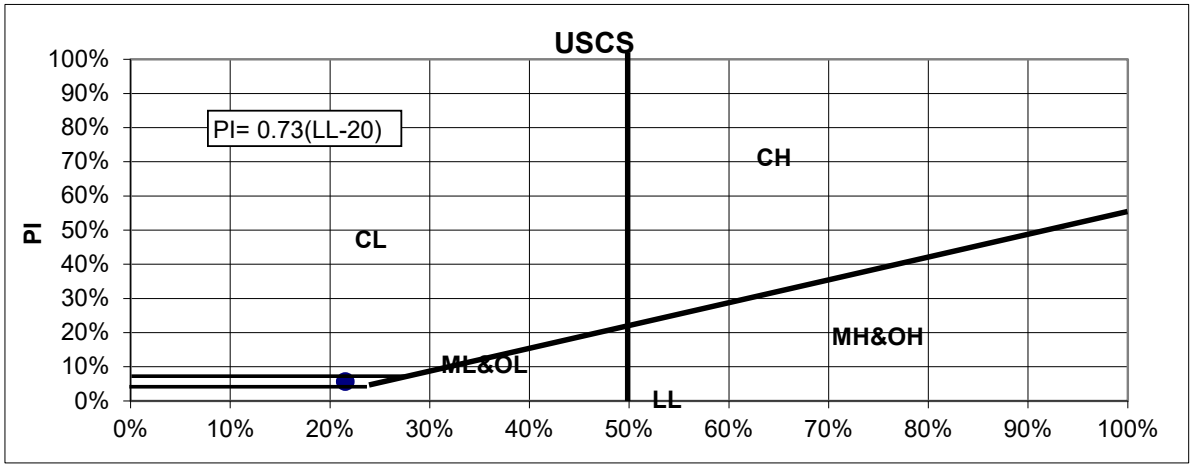
Job Number: 25-1472G **Site#:** B - 17 @ 2

Sample Nr. : 2329

ATTERBERG

	LIQUID LIMITS					PLASTIC LIMIT	
WET SOIL	31.35	31.72	33.42			20.32	18.82
DRY SOIL	29.25	29.74	30.12			19.41	18.23
TARE	20.24	20.34	14.03			13.72	14.50
WATER	2.10	1.98	3.30			0.91	0.59
# BLOWS	**17**	**25**	**35**				
% MOIST	**23.31%**	**21.06%**	**20.51%**			**15.99%**	**15.82%**
					LL	**PL**	**PI**
ONE POINT	**22.2%**	**21.1%**	**21.4%**		**22%**	**16%**	**6%**





REVIEWED BY: Brian Williams **DATE:** 11/22/2023

APPENDIX D

STANDARD SPECIFICATIONS FOR GRADING

Section 1 - General

CTE, Cal, Inc. (CTE) presents the following standard recommendations for grading and other associated operations on construction projects. These guidelines should be considered a portion of the project specifications. Recommendations contained in the body of the previously presented soils report shall supersede the recommendations and or requirements as specified herein. The project geotechnical consultant shall interpret disputes arising out of interpretation of the recommendations contained in the soils report or specifications contained herein.

Section 2 - Responsibilities of Project Personnel

The geotechnical consultant should provide observation and testing services sufficient to general conformance with project specifications and standard grading practices. The geotechnical consultant should report any deviations to the client or his authorized representative.

The Client should be chiefly responsible for all aspects of the project. He or his authorized representative has the responsibility of reviewing the findings and recommendations of the geotechnical consultant. He shall authorize or cause to have authorized the Contractor and/or other consultants to perform work and/or provide services. During grading the Client or his authorized representative should remain on-site or should remain reasonably accessible to all concerned parties in order to make decisions necessary to maintain the flow of the project.

The Contractor is responsible for the safety of the project and satisfactory completion of all grading and other associated operations on construction projects, including, but not limited to, earth work in accordance with the project plans, specifications and controlling agency requirements.

Section 3 - Preconstruction Meeting

A preconstruction site meeting should be arranged by the owner and/or client and should include the grading contractor, design engineer, geotechnical consultant, owner's representative and representatives of the appropriate governing authorities.

Section 4 - Site Preparation

The client or contractor should obtain the required approvals from the controlling authorities for the project prior, during and/or after demolition, site preparation and removals, etc. The appropriate approvals should be obtained prior to proceeding with grading operations.

Clearing and grubbing should consist of the removal of vegetation such as brush, grass, woods, stumps, trees, root of trees and otherwise deleterious natural materials from the areas to be graded. Clearing and grubbing should extend to the outside of all proposed excavation and fill areas.

Demolition should include removal of buildings, structures, foundations, reservoirs, utilities (including underground pipelines, septic tanks, leach fields, seepage pits, cisterns, mining shafts, tunnels, etc.) and other man-made surface and subsurface improvements from the areas to be graded. Demolition of utilities should include proper capping and/or rerouting pipelines at the project perimeter and cutoff and capping of wells in accordance with the requirements of the governing authorities and the recommendations of the geotechnical consultant at the time of demolition.

Trees, plants or man-made improvements not planned to be removed or demolished should be protected by the contractor from damage or injury.

Debris generated during clearing, grubbing and/or demolition operations should be wasted from areas to be graded and disposed off-site. Clearing, grubbing and demolition operations should be performed under the observation of the geotechnical consultant.

Section 5 - Site Protection

Protection of the site during the period of grading should be the responsibility of the contractor. Unless other provisions are made in writing and agreed upon among the concerned parties, completion of a portion of the project should not be considered to preclude that portion or adjacent areas from the requirements for site protection until such time as the entire project is complete as identified by the geotechnical consultant, the client and the regulating agencies.

Precautions should be taken during the performance of site clearing, excavations and grading to protect the work site from flooding, ponding or inundation by poor or improper surface drainage. Temporary provisions should be made during the rainy season to adequately direct surface drainage away from and off the work site. Where low areas cannot be avoided, pumps should be kept on hand to continually remove water during periods of rainfall.

Rain related damage should be considered to include, but may not be limited to, erosion, silting, saturation, swelling, structural distress and other adverse conditions as determined by the geotechnical consultant. Soil adversely affected should be classified as unsuitable materials and should be subject to overexcavation and replacement with compacted fill or other remedial grading as recommended by the geotechnical consultant.

The contractor should be responsible for the stability of all temporary excavations. Recommendations by the geotechnical consultant pertaining to temporary excavations (e.g., backcuts) are made in consideration of stability of the completed project and, therefore, should not be considered to preclude the responsibilities of the contractor. Recommendations by the geotechnical consultant should not be considered to preclude requirements that are more restrictive by the regulating agencies. The contractor should provide during periods of extensive rainfall plastic sheeting to prevent unprotected slopes from becoming saturated and unstable. When deemed appropriate by the geotechnical consultant or governing agencies the contractor shall install checkdams, desilting basins, sand bags or other drainage control measures.

In relatively level areas and/or slope areas, where saturated soil and/or erosion gullies exist to depths of greater than 1.0 foot; they should be overexcavated and replaced as compacted fill in accordance with the applicable specifications. Where affected materials exist to depths of 1.0 foot or less below proposed finished grade, remedial grading by moisture conditioning in-place, followed by thorough recompaction in accordance with the applicable grading guidelines herein may be attempted. If the desired results are not achieved, all affected materials should be overexcavated and replaced as compacted fill in accordance with the slope repair recommendations herein. If field conditions dictate, the geotechnical consultant may recommend other slope repair procedures.

Section 6 - Excavations

6.1 Unsuitable Materials

Materials that are unsuitable should be excavated under observation and recommendations of the geotechnical consultant. Unsuitable materials include, but may not be limited to, dry, loose, soft, wet, organic compressible natural soils and fractured, weathered, soft bedrock and nonengineered or otherwise deleterious fill materials.

Material identified by the geotechnical consultant as unsatisfactory due to its moisture conditions should be overexcavated; moisture conditioned as needed, to a uniform at or above optimum moisture condition before placement as compacted fill.

If during the course of grading adverse geotechnical conditions are exposed which were not anticipated in the preliminary soil report as determined by the geotechnical consultant additional exploration, analysis, and treatment of these problems may be recommended.

6.2 Cut Slopes

Unless otherwise recommended by the geotechnical consultant and approved by the regulating agencies, permanent cut slopes should not be steeper than 2:1 (horizontal: vertical).

The geotechnical consultant should observe cut slope excavation and if these excavations expose loose cohesionless, significantly fractured or otherwise unsuitable material, the materials should be overexcavated and replaced with a compacted stabilization fill. If encountered specific cross section details should be obtained from the Geotechnical Consultant.

When extensive cut slopes are excavated or these cut slopes are made in the direction of the prevailing drainage, a non-erodible diversion swale (brow ditch) should be provided at the top of the slope.

6.3 Pad Areas

All lot pad areas, including side yard terrace containing both cut and fill materials, transitions, located less than 3 feet deep should be overexcavated to a depth of 3 feet and replaced with a uniform compacted fill blanket of 3 feet. Actual depth of overexcavation may vary and should be delineated by the geotechnical consultant during grading, especially where deep or drastic transitions are present.

For pad areas created above cut or natural slopes, positive drainage should be established away from the top-of-slope. This may be accomplished utilizing a berm drainage swale and/or an appropriate pad gradient. A gradient in soil areas away from the top-of-slopes of 2 percent or greater is recommended.

Section 7 - Compacted Fill

All fill materials should have fill quality, placement, conditioning and compaction as specified below or as approved by the geotechnical consultant.

7.1 Fill Material Quality

Excavated on-site or import materials which are acceptable to the geotechnical consultant may be utilized as compacted fill, provided trash, vegetation and other deleterious materials are removed prior to placement. All import materials anticipated for use on-site should be sampled tested and approved prior to and placement is in conformance with the requirements outlined.

Rocks 12 inches in maximum and smaller may be utilized within compacted fill provided sufficient fill material is placed and thoroughly compacted over and around all rock to effectively fill rock voids. The amount of rock should not exceed 40 percent by dry weight passing the 3/4-inch sieve. The geotechnical consultant may vary those requirements as field conditions dictate.

Where rocks greater than 12 inches but less than four feet of maximum dimension are generated during grading, or otherwise desired to be placed within an engineered fill, special handling in accordance with the recommendations below. Rocks greater than four feet should be broken down or disposed off-site.

7.2 Placement of Fill

Prior to placement of fill material, the geotechnical consultant should observe and approve the area to receive fill. After observation and approval, the exposed ground surface should be scarified to a depth of 6 to 8 inches. The scarified material should be conditioned (i.e. moisture added or air dried by continued discing) to achieve a moisture content at or slightly above optimum moisture conditions and compacted to a minimum of 90 percent of the maximum density or as otherwise recommended in the soils report or by appropriate government agencies.

Compacted fill should then be placed in thin horizontal lifts not exceeding eight inches in loose thickness prior to compaction. Each lift should be moisture conditioned as needed, thoroughly blended to achieve a consistent moisture content at or slightly above optimum and thoroughly compacted by mechanical methods to a minimum of 90 percent of laboratory maximum dry density. Each lift should be treated in a like manner until the desired finished grades are achieved.

The contractor should have suitable and sufficient mechanical compaction equipment and watering apparatus on the job site to handle the amount of fill being placed in consideration of moisture retention properties of the materials and weather conditions.

When placing fill in horizontal lifts adjacent to areas sloping steeper than 5:1 (horizontal: vertical), horizontal keys and vertical benches should be excavated into the adjacent slope area. Keying and benching should be sufficient to provide at least six-foot wide benches and a minimum of four feet of vertical bench height within the firm natural ground, firm bedrock or engineered compacted fill. No compacted fill should be placed in an area after keying and benching until the geotechnical consultant has reviewed the area. Material generated by the benching operation should be moved sufficiently away from

the bench area to allow for the recommended review of the horizontal bench prior to placement of fill.

Within a single fill area where grading procedures dictate two or more separate fills, temporary slopes (false slopes) may be created. When placing fill adjacent to a false slope, benching should be conducted in the same manner as above described. At least a 3-foot vertical bench should be established within the firm core of adjacent approved compacted fill prior to placement of additional fill. Benching should proceed in at least 3-foot vertical increments until the desired finished grades are achieved.

Prior to placement of additional compacted fill following an overnight or other grading delay, the exposed surface or previously compacted fill should be processed by scarification, moisture conditioning as needed to at or slightly above optimum moisture content, thoroughly blended and recompacted to a minimum of 90 percent of laboratory maximum dry density. Where unsuitable materials exist to depths of greater than one foot, the unsuitable materials should be over-excavated.

Following a period of flooding, rainfall or overwatering by other means, no additional fill should be placed until damage assessments have been made and remedial grading performed as described herein.

Rocks 12 inch in maximum dimension and smaller may be utilized in the compacted fill provided the fill is placed and thoroughly compacted over and around all rock. No oversize material should be used within 3 feet of finished pad grade and within 1 foot of other compacted fill areas. Rocks 12 inches up to four feet maximum dimension should be placed below the upper 10 feet of any fill and should not be closer than 15 feet to any slope face. These recommendations could vary as locations of improvements dictate. Where practical, oversized material should not be placed below areas where structures or deep utilities are proposed. Oversized material should be placed in windrows on a clean, overexcavated or unyielding compacted fill or firm natural ground surface. Select native or imported granular soil (S.E. 30 or higher) should be placed and thoroughly flooded over and around all windrowed rock, such that voids are filled. Windrows of oversized material should be staggered so those successive strata of oversized material are not in the same vertical plane.

It may be possible to dispose of individual larger rock as field conditions dictate and as recommended by the geotechnical consultant at the time of placement.

The contractor should assist the geotechnical consultant and/or his representative by digging test pits for removal determinations and/or for testing compacted fill. The contractor should provide this work at no additional cost to the owner or contractor's client.

Fill should be tested by the geotechnical consultant for compliance with the recommended relative compaction and moisture conditions. Field density testing should conform to ASTM Method of Test D 1556-00, D 2922-04. Tests should be conducted at a minimum of approximately two vertical feet or approximately 1,000 to 2,000 cubic yards of fill placed. Actual test intervals may vary as field conditions dictate. Fill found not to be in conformance with the grading recommendations should be removed or otherwise handled as recommended by the geotechnical consultant.

7.3 Fill Slopes

Unless otherwise recommended by the geotechnical consultant and approved by the regulating agencies, permanent fill slopes should not be steeper than 2:1 (horizontal: vertical).

Except as specifically recommended in these grading guidelines compacted fill slopes should be over-built two to five feet and cut back to grade, exposing the firm, compacted fill inner core. The actual amount of overbuilding may vary as field conditions dictate. If the desired results are not achieved, the existing slopes should be overexcavated and reconstructed under the guidelines of the geotechnical consultant. The degree of overbuilding shall be increased until the desired compacted slope surface condition is achieved. Care should be taken by the contractor to provide thorough mechanical compaction to the outer edge of the overbuilt slope surface.

At the discretion of the geotechnical consultant, slope face compaction may be attempted by conventional construction procedures including backrolling. The procedure must create a firmly compacted material throughout the entire depth of the slope face to the surface of the previously compacted firm fill intercore.

During grading operations, care should be taken to extend compactive effort to the outer edge of the slope. Each lift should extend horizontally to the desired finished slope surface or more as needed to ultimately established desired grades. Grade during construction should not be allowed to roll off at the edge of the slope. It may be helpful to elevate slightly the outer edge of the slope. Slough resulting from the placement of individual lifts should not be allowed to drift down over previous lifts. At intervals not

exceeding four feet in vertical slope height or the capability of available equipment, whichever is less, fill slopes should be thoroughly dozer trackrolled.

For pad areas above fill slopes, positive drainage should be established away from the top-of-slope. This may be accomplished using a berm and pad gradient of at least two percent.

Section 8 - Trench Backfill

Utility and/or other excavation of trench backfill should, unless otherwise recommended, be compacted by mechanical means. Unless otherwise recommended, the degree of compaction should be a minimum of 90 percent of the laboratory maximum density.

Within slab areas, but outside the influence of foundations, trenches up to one foot wide and two feet deep may be backfilled with sand and consolidated by jetting, flooding or by mechanical means. If on-site materials are utilized, they should be wheel-rolled, tamped or otherwise compacted to a firm condition. For minor interior trenches, density testing may be deleted or spot testing may be elected if deemed necessary, based on review of backfill operations during construction.

If utility contractors indicate that it is undesirable to use compaction equipment in close proximity to a buried conduit, the contractor may elect the utilization of light weight mechanical compaction equipment and/or shading of the conduit with clean, granular material, which should be thoroughly jetted in-place above the conduit, prior to initiating mechanical compaction procedures. Other methods of utility trench compaction may also be appropriate, upon review of the geotechnical consultant at the time of construction.

In cases where clean granular materials are proposed for use in lieu of native materials or where flooding or jetting is proposed, the procedures should be considered subject to review by the geotechnical consultant. Clean granular backfill and/or bedding are not recommended in slope areas.

Section 9 - Drainage

Where deemed appropriate by the geotechnical consultant, canyon subdrain systems should be installed in accordance with CTE's recommendations during grading.

Typical subdrains for compacted fill buttresses, slope stabilization or sidehill masses, should be installed in accordance with the specifications.

Roof, pad and slope drainage should be directed away from slopes and areas of structures to suitable disposal areas via non-erodible devices (i.e., gutters, downspouts, and concrete swales).

For drainage in extensively landscaped areas near structures, (i.e., within four feet) a minimum of 5 percent gradient away from the structure should be maintained. Pad drainage of at least 2 percent should be maintained over the remainder of the site.

Drainage patterns established at the time of fine grading should be maintained throughout the life of the project. Property owners should be made aware that altering drainage patterns could be detrimental to slope stability and foundation performance.

Section 10 - Slope Maintenance

10.1 - Landscape Plants

To enhance surficial slope stability, slope planting should be accomplished at the completion of grading. Slope planting should consist of deep-rooting vegetation requiring little watering. Plants native to the southern California area and plants relative to native plants are generally desirable. Plants native to other semi-arid and arid areas may also be appropriate. A Landscape Architect should be the best party to consult regarding actual types of plants and planting configuration.

10.2 - Irrigation

Irrigation pipes should be anchored to slope faces, not placed in trenches excavated into slope faces.

Slope irrigation should be minimized. If automatic timing devices are utilized on irrigation systems, provisions should be made for interrupting normal irrigation during periods of rainfall.

10.3 - Repair

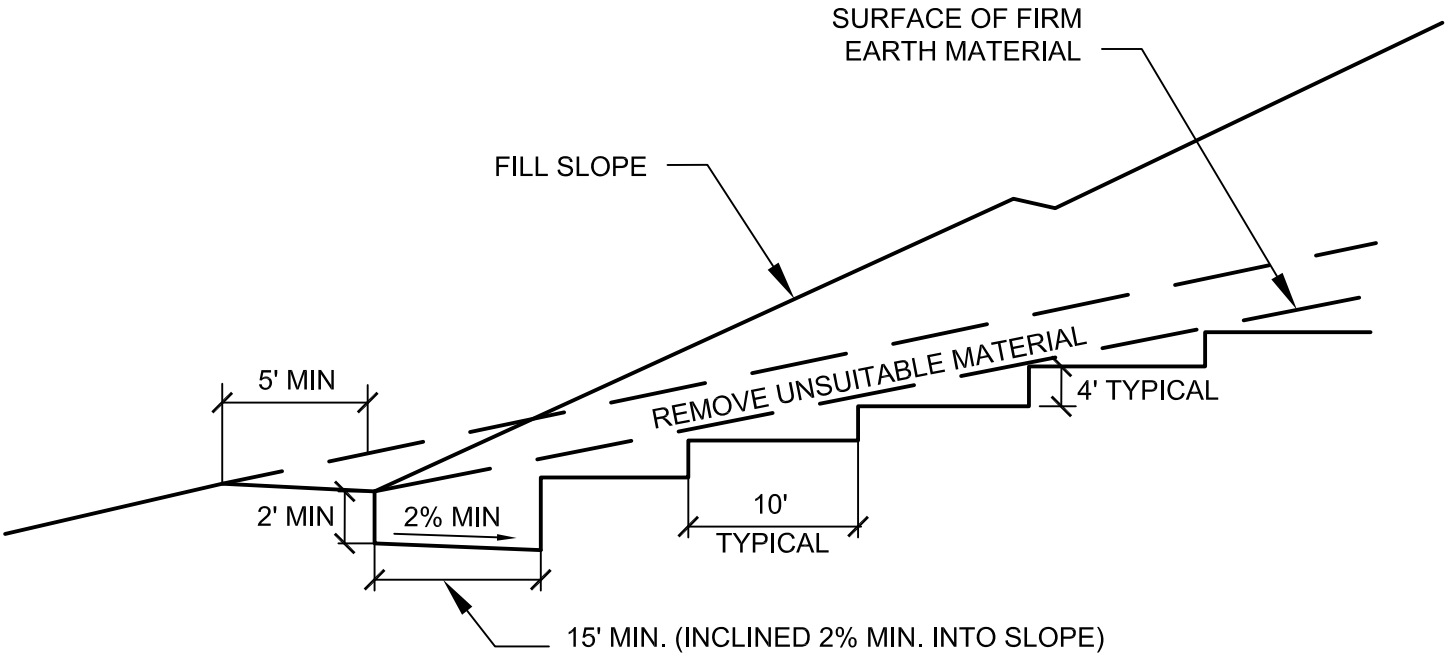
As a precautionary measure, plastic sheeting should be readily available, or kept on hand, to protect all slope areas from saturation by periods of heavy or prolonged rainfall. This measure is strongly recommended, beginning with the period prior to landscape planting.

If slope failures occur, the geotechnical consultant should be contacted for a field review of site conditions and development of recommendations for evaluation and repair.

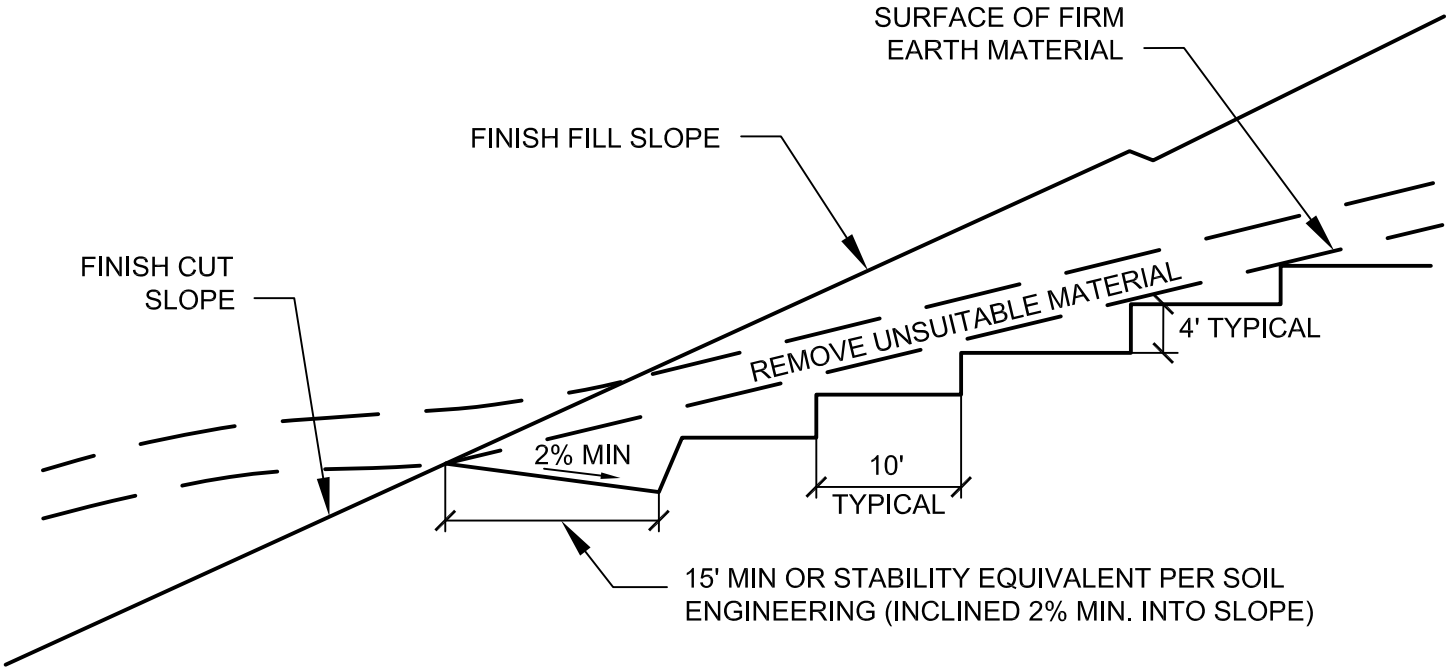
If slope failures occur as a result of exposure to period of heavy rainfall, the failure areas and currently unaffected areas should be covered with plastic sheeting to protect against additional saturation.

In the accompanying Standard Details, appropriate repair procedures are illustrated for superficial slope failures (i.e., occurring typically within the outer one foot to three feet of a slope face).

BENCHING FILL OVER NATURAL

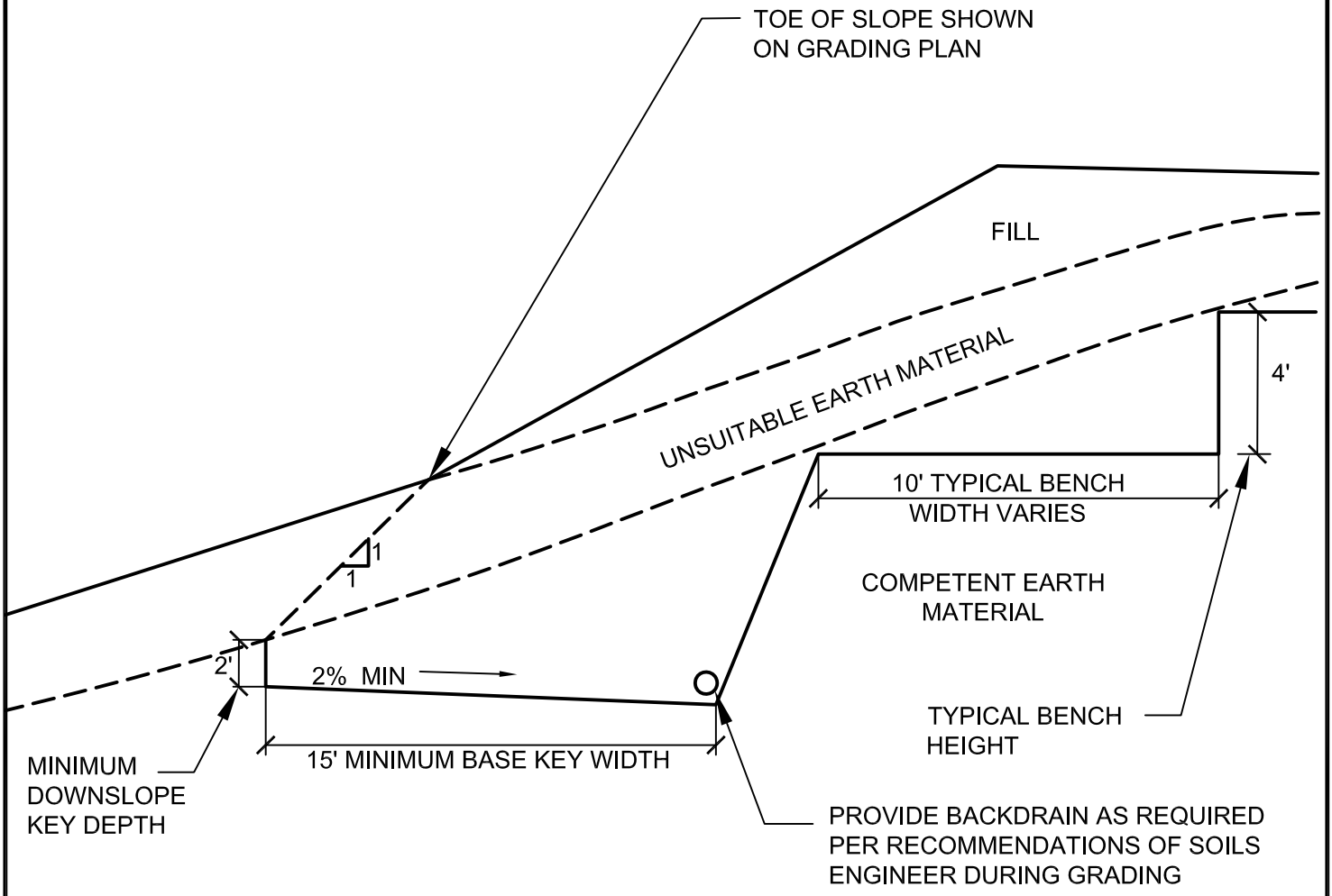


BENCHING FILL OVER CUT



NOT TO SCALE

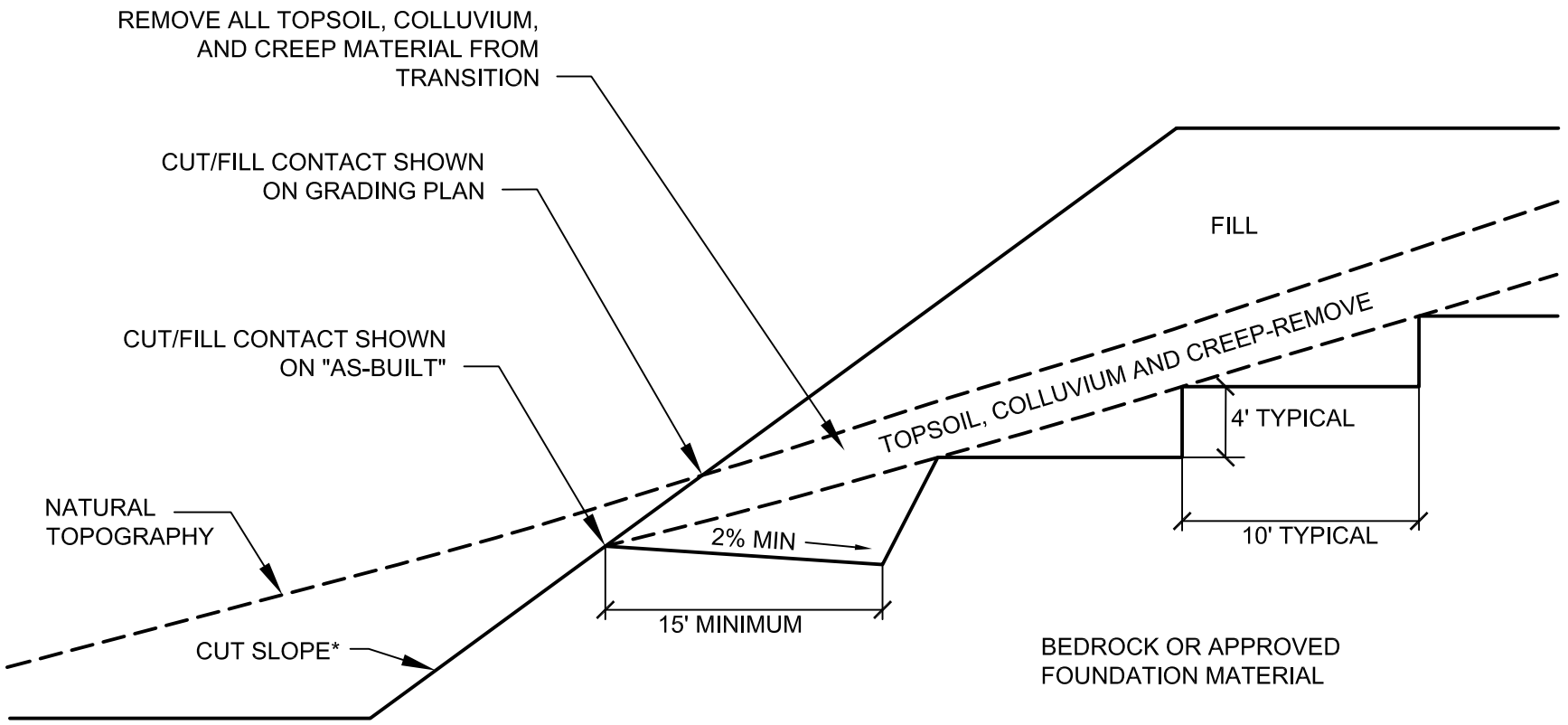
BENCHING FOR COMPACTED FILL DETAIL



WHERE NATURAL SLOPE GRADIENT IS 5:1 OR LESS, BENCHING IS NOT NECESSARY. FILL IS NOT TO BE PLACED ON COMPRESSIBLE OR UNSUITABLE MATERIAL.

NOT TO SCALE

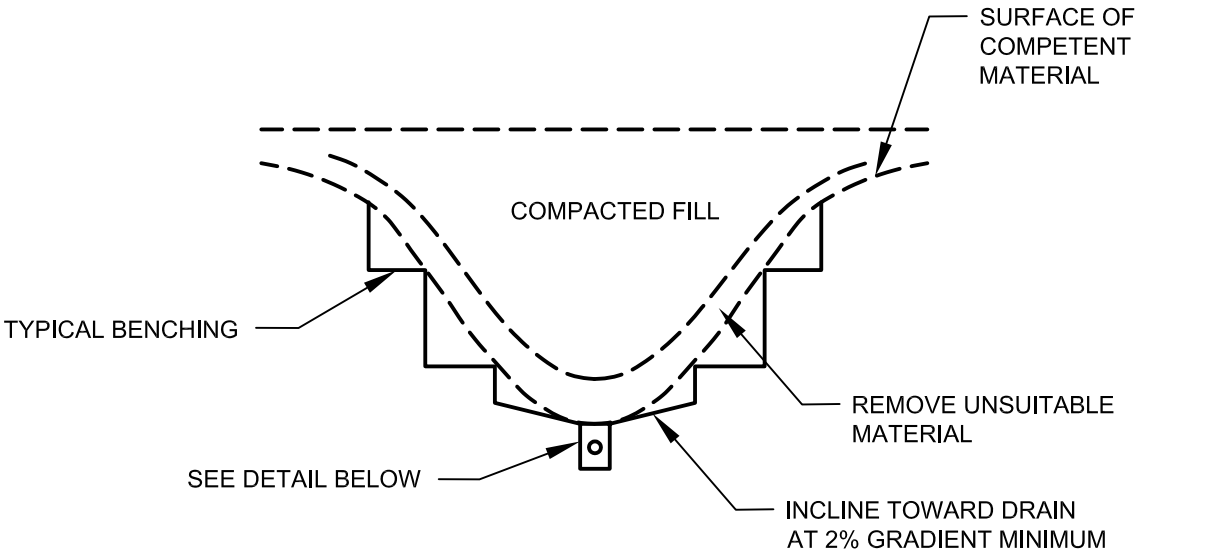
FILL SLOPE ABOVE NATURAL GROUND DETAIL



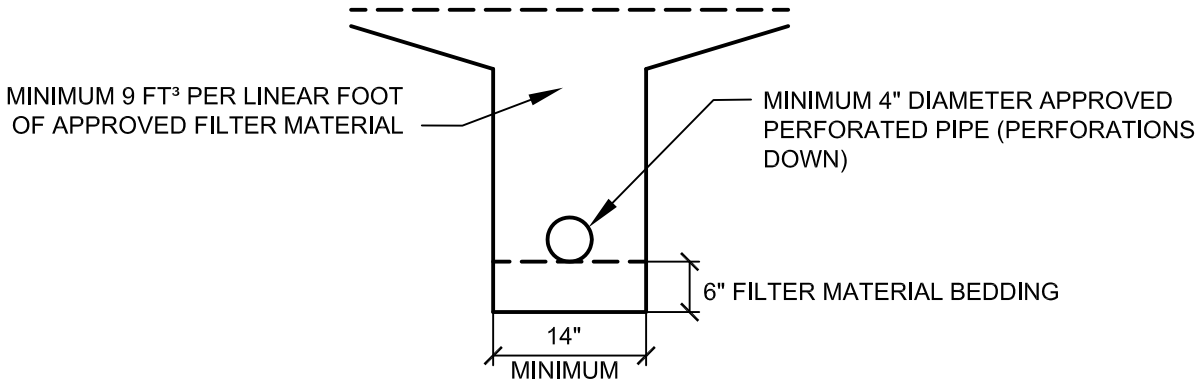
*NOTE: CUT SLOPE PORTION SHOULD BE MADE PRIOR TO PLACEMENT OF FILL

NOT TO SCALE

FILL SLOPE ABOVE CUT SLOPE DETAIL



DETAIL



FILTER MATERIAL TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUAL:

SIEVE SIZE	PERCENTAGE PASSING
1"	100
¾"	90-100
⅜"	40-100
NO. 4	25-40
NO. 30	18-33
NO. 8	5-15
NO. 50	0-7
NO. 200	0-3

APPROVED PIPE TO BE SCHEDULE 40 POLY-VINYL-CHLORIDE (P.V.C.) OR APPROVED EQUAL. MINIMUM CRUSH STRENGTH 1000 psi

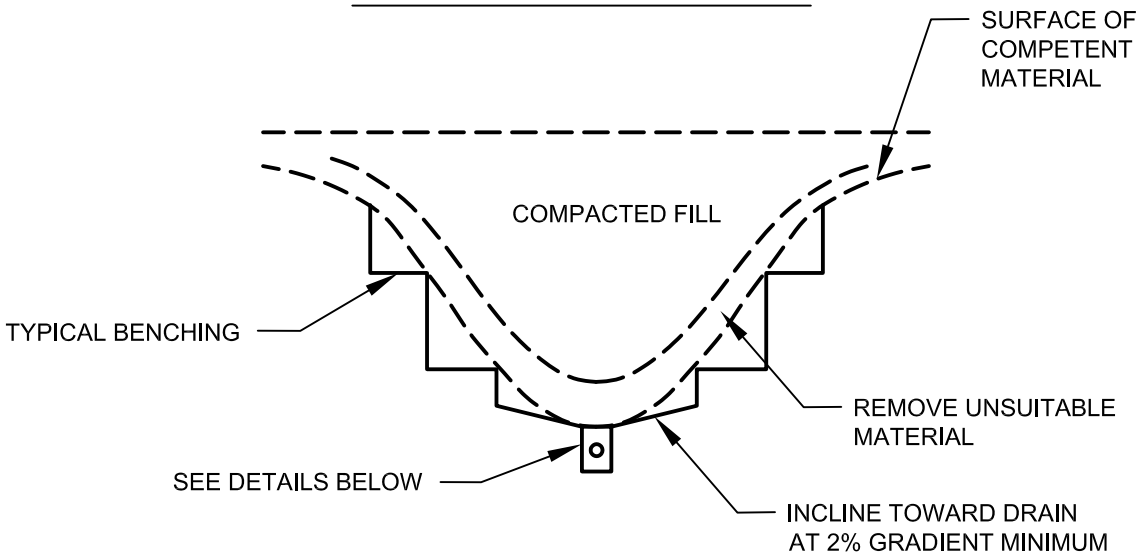
PIPE DIAMETER TO MEET THE FOLLOWING CRITERIA, SUBJECT TO FIELD REVIEW BASED ON ACTUAL GEOTECHNICAL CONDITIONS ENCOUNTERED DURING GRADING

LENGTH OF RUN	PIPE DIAMETER
INITIAL 500'	4"
500' TO 1500'	6"
> 1500'	8"

NOT TO SCALE

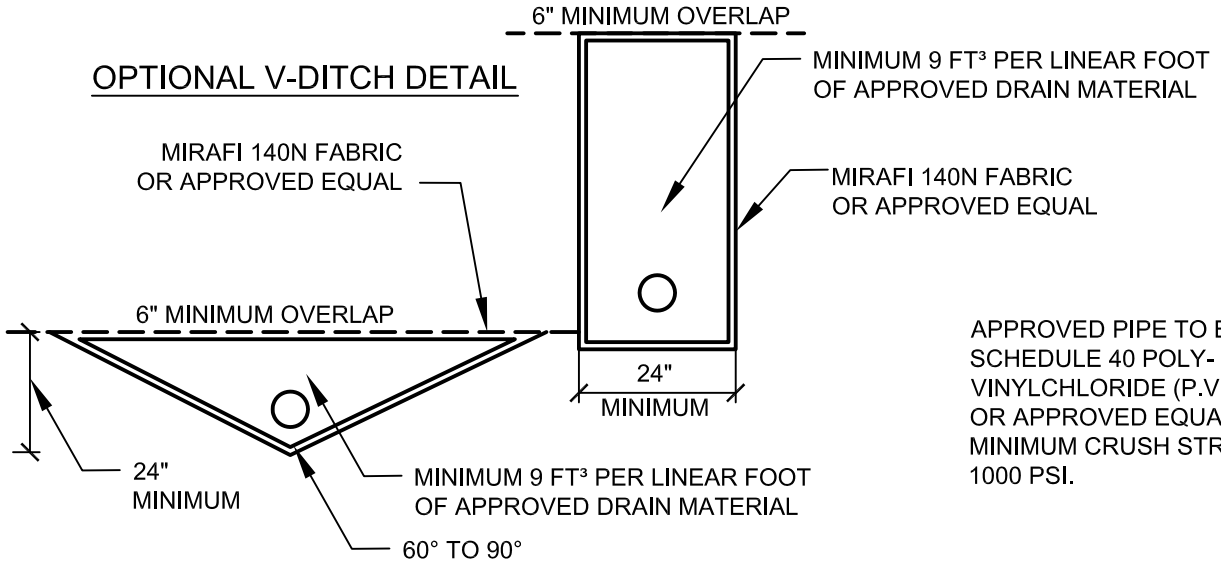
TYPICAL CANYON SUBDRAIN DETAIL

CANYON SUBDRAIN DETAILS



TRENCH DETAILS

OPTIONAL V-DITCH DETAIL



APPROVED PIPE TO BE SCHEDULE 40 POLY-VINYLCHLORIDE (P.V.C.) OR APPROVED EQUAL. MINIMUM CRUSH STRENGTH 1000 PSI.

DRAIN MATERIAL TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUAL:

SIEVE SIZE	PERCENTAGE PASSING
1 ½"	88-100
1"	5-40
¾"	0-17
⅜"	0-7
NO. 200	0-3

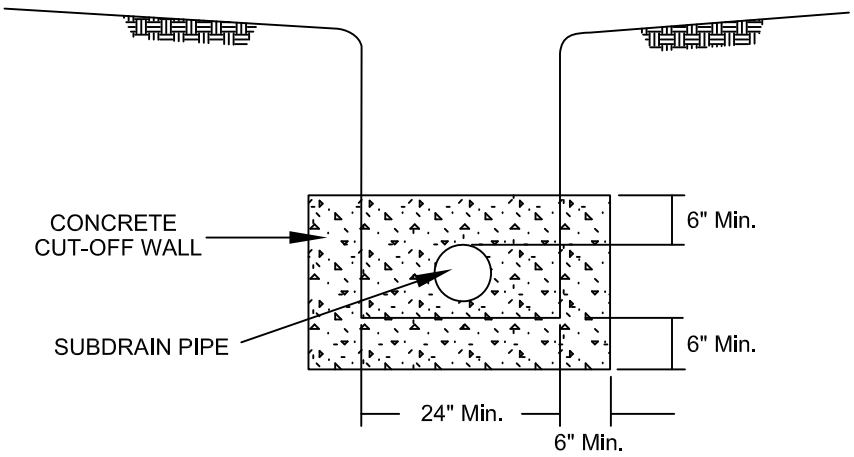
PIPE DIAMETER TO MEET THE FOLLOWING CRITERIA, SUBJECT TO FIELD REVIEW BASED ON ACTUAL GEOTECHNICAL CONDITIONS ENCOUNTERED DURING GRADING

LENGTH OF RUN	PIPE DIAMETER
INITIAL 500'	4"
500' TO 1500'	6"
> 1500'	8"

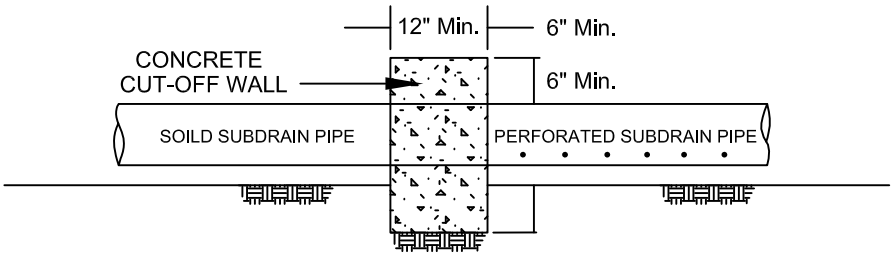
NOT TO SCALE

GEOFABRIC SUBDRAIN

FRONT VIEW



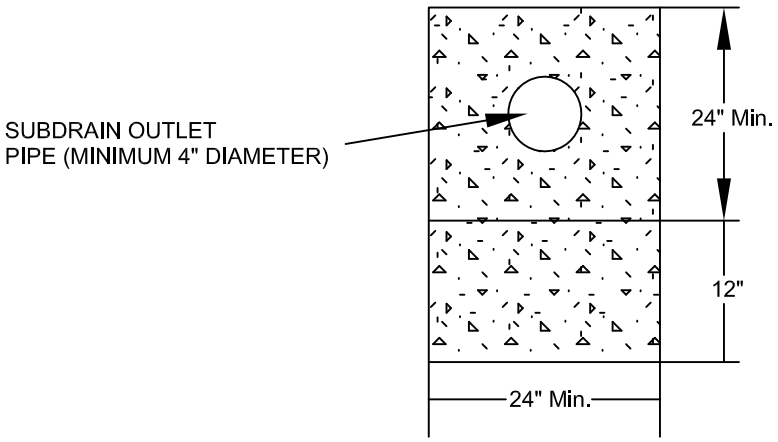
SIDE VIEW



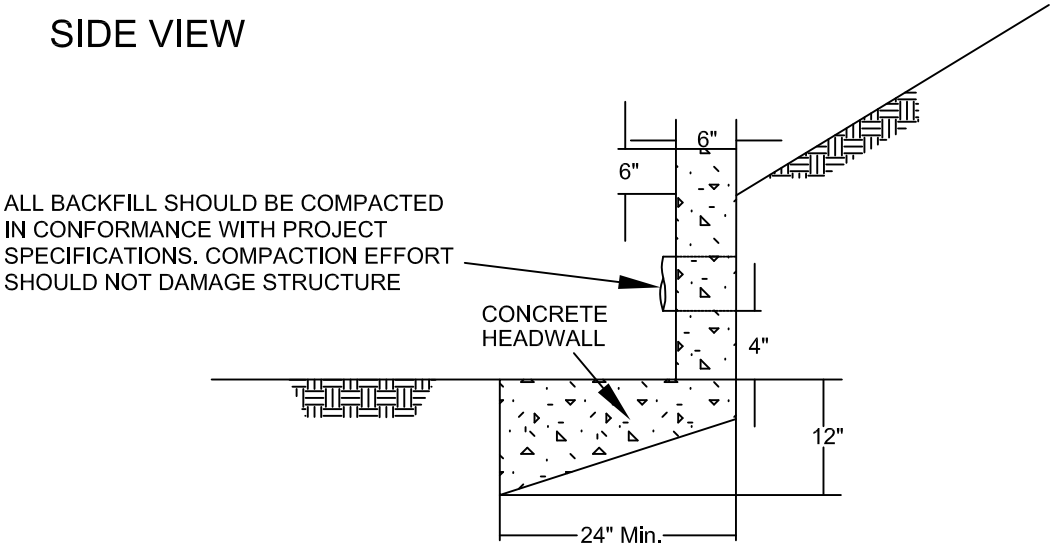
NOT TO SCALE

RECOMMENDED SUBDRAIN CUT-OFF WALL

FRONT VIEW



SIDE VIEW



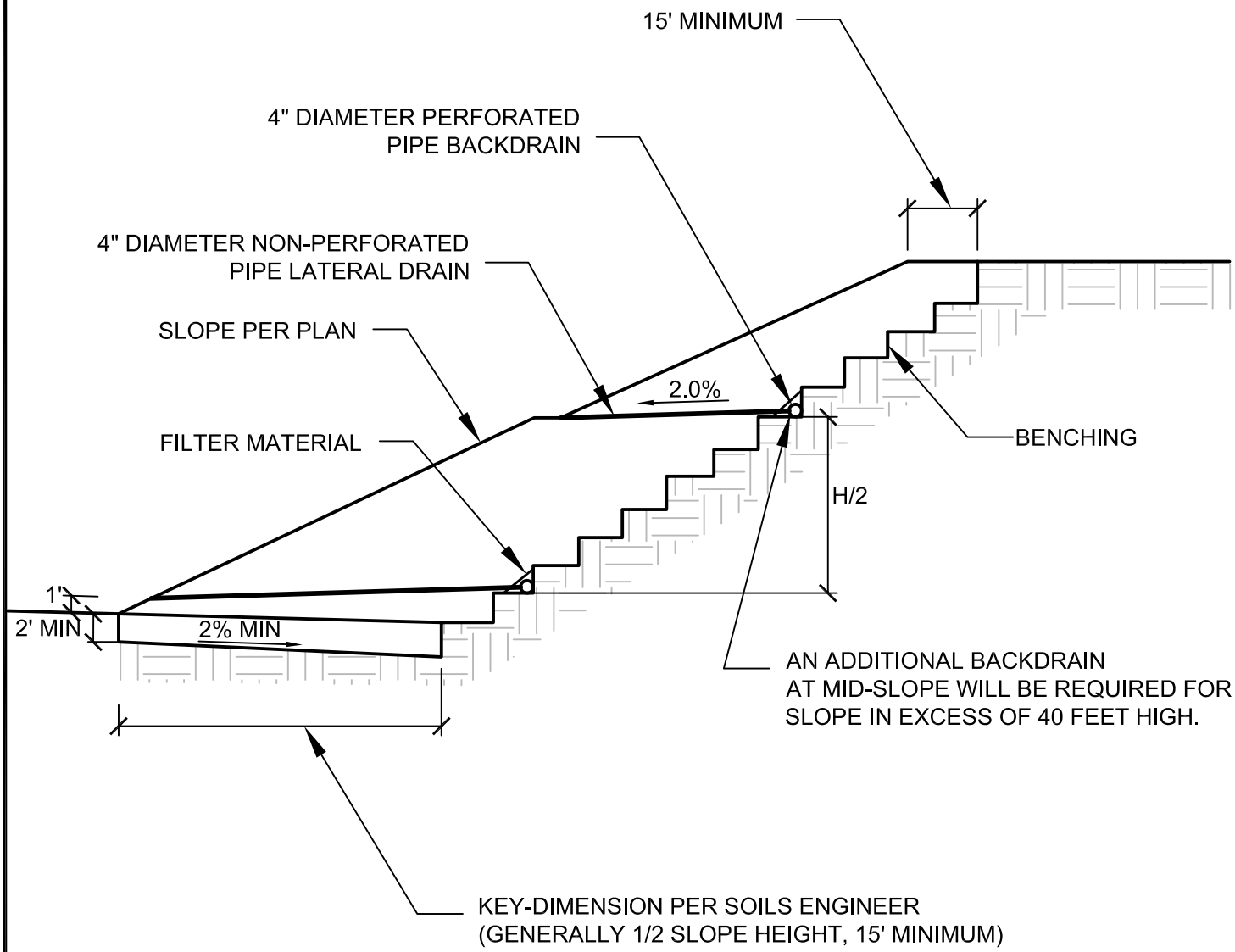
NOTE: HEADWALL SHOULD OUTLET AT TOE OF SLOPE
OR INTO CONTROLLED SURFACE DRAINAGE DEVICE

ALL DISCHARGE SHOULD BE CONTROLLED

THIS DETAIL IS A MINIMUM DESIGN AND MAY BE
MODIFIED DEPENDING UPON ENCOUNTERED
CONDITIONS AND LOCAL REQUIREMENTS

NOT TO SCALE

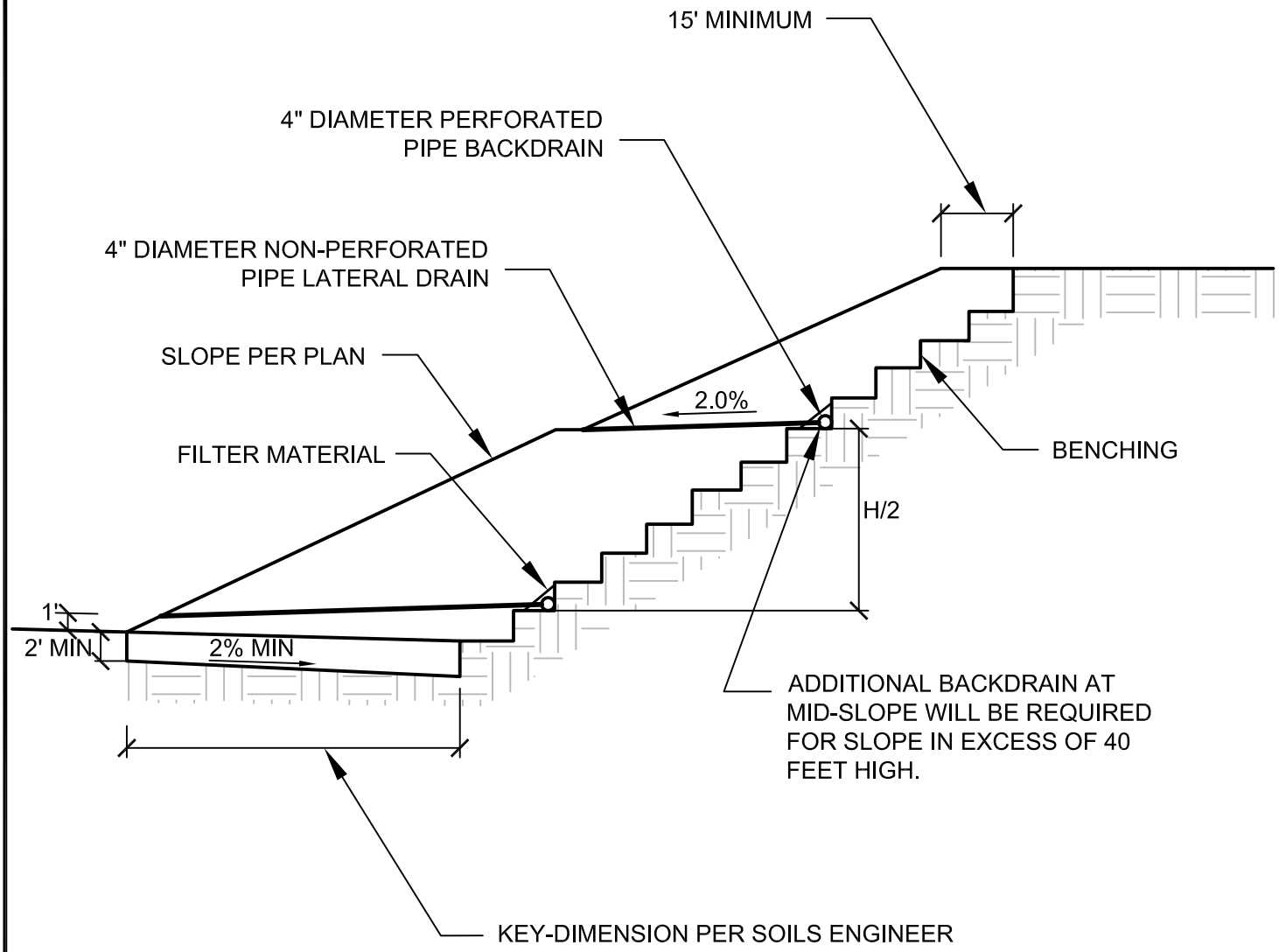
TYPICAL SUBDRAIN OUTLET HEADWALL DETAIL



DIMENSIONS ARE MINIMUM RECOMMENDED

NOT TO SCALE

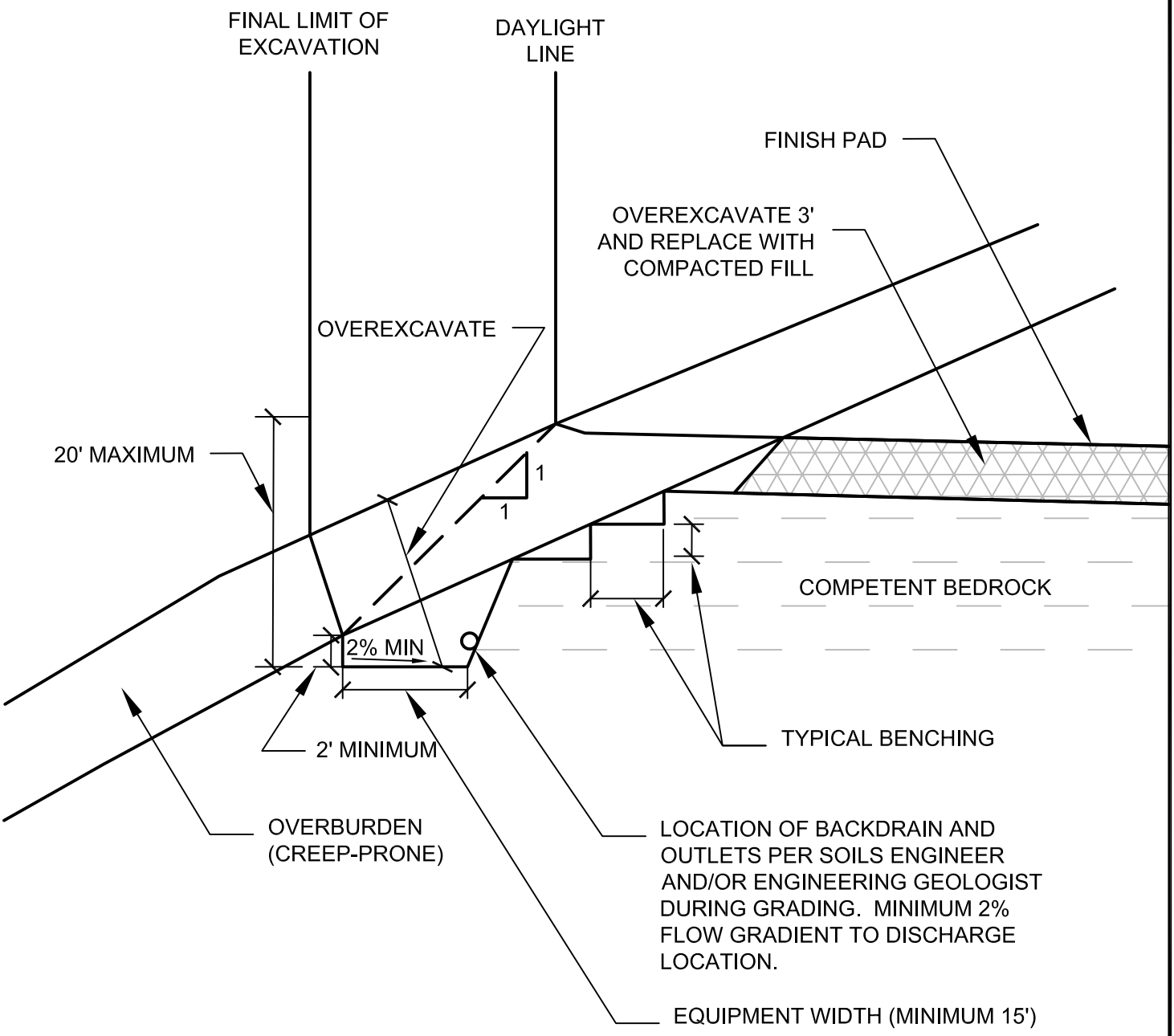
TYPICAL SLOPE STABILIZATION FILL DETAIL



DIMENSIONS ARE MINIMUM RECOMMENDED

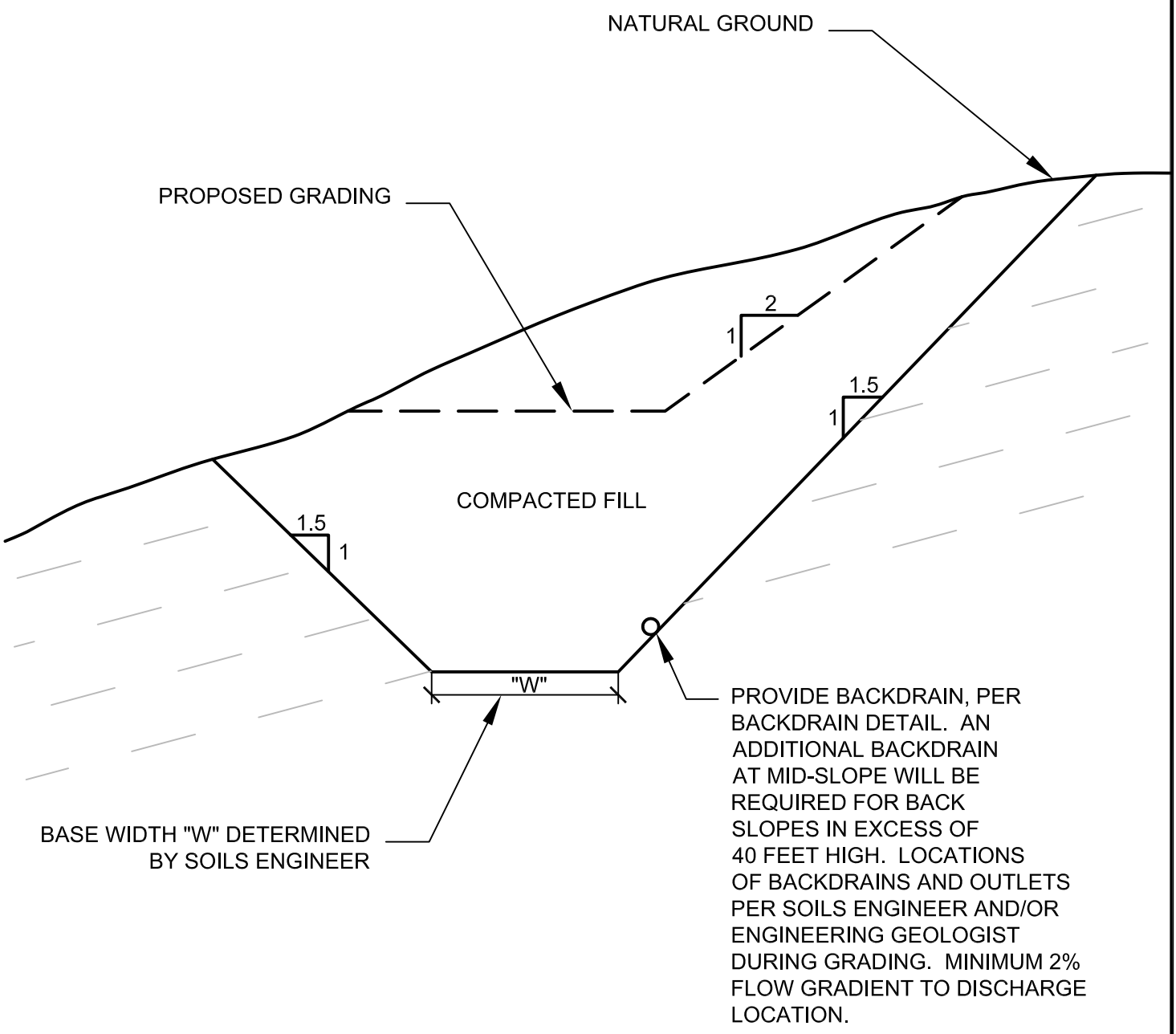
NOT TO SCALE

TYPICAL BUTTRESS FILL DETAIL



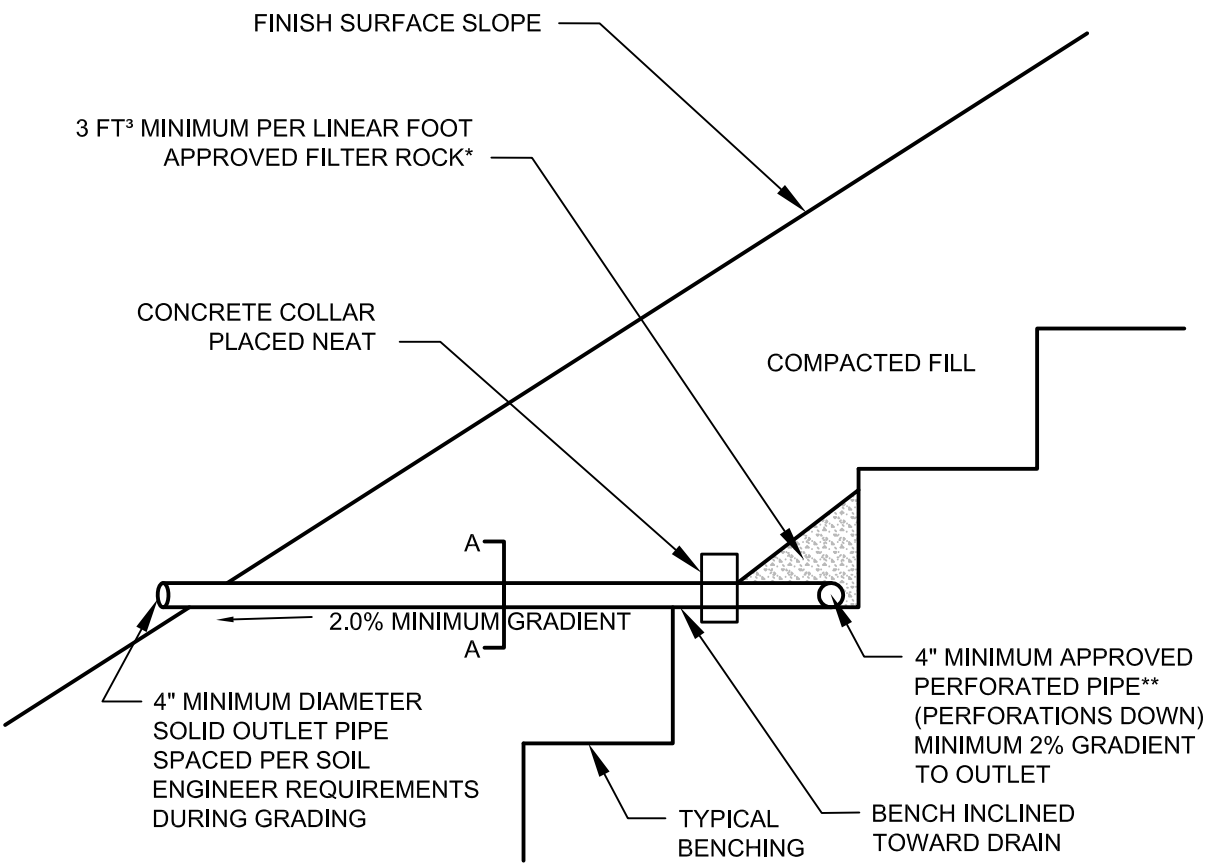
NOT TO SCALE

DAYLIGHT SHEAR KEY DETAIL

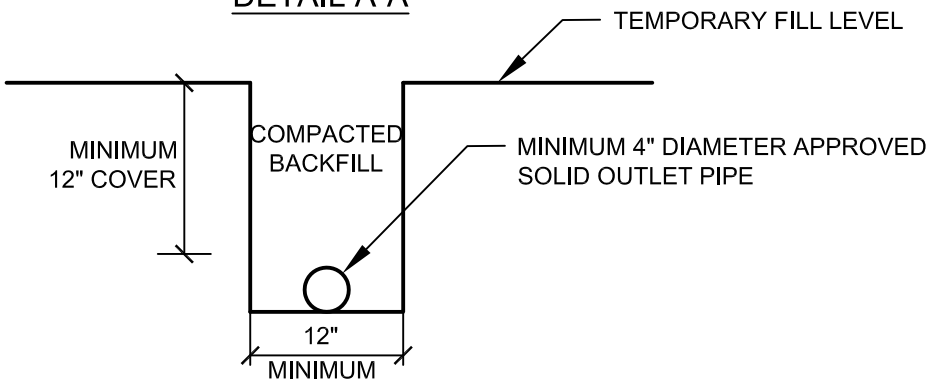


NOT TO SCALE

TYPICAL SHEAR KEY DETAIL



DETAIL A-A



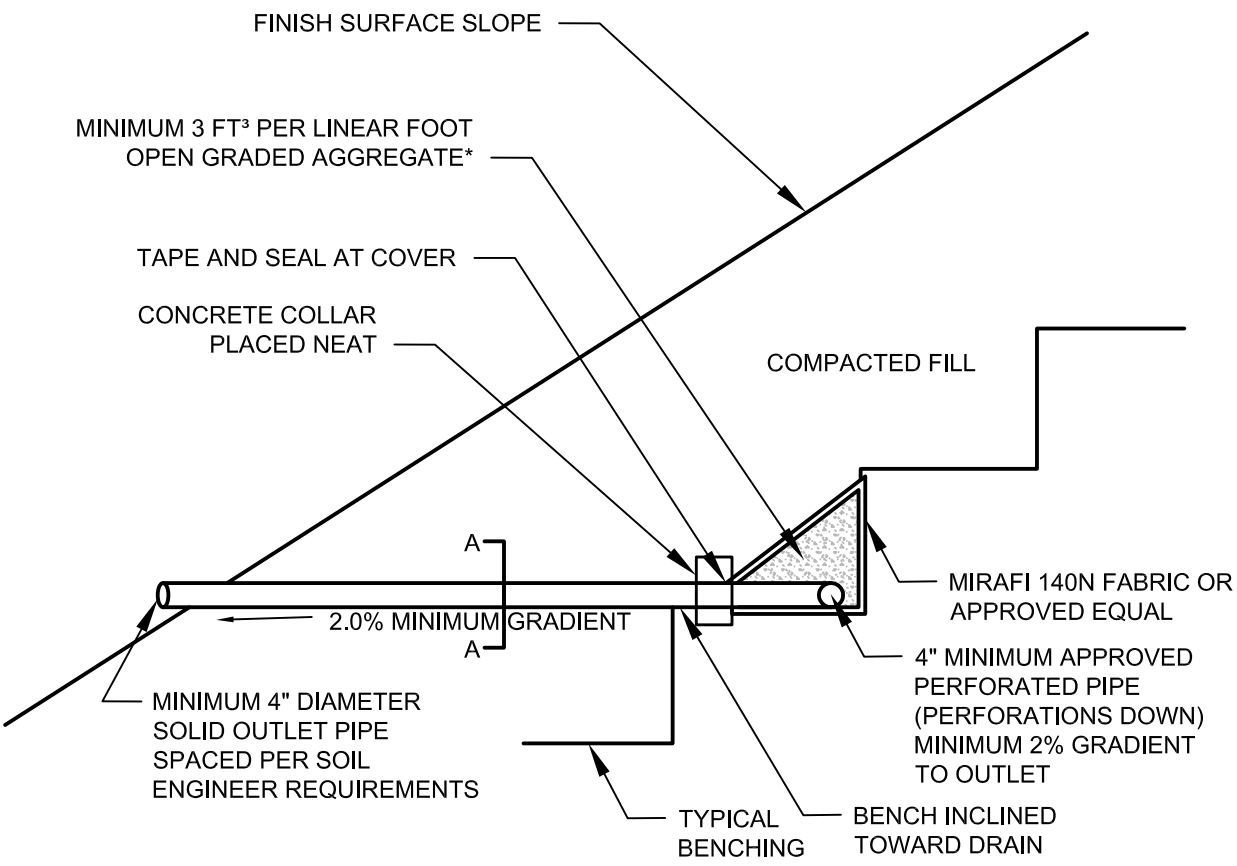
**APPROVED PIPE TYPE:
SCHEDULE 40 POLYVINYL CHLORIDE
(P.V.C.) OR APPROVED EQUAL.
MINIMUM CRUSH STRENGTH 1000 PSI

*FILTER ROCK TO MEET FOLLOWING
SPECIFICATIONS OR APPROVED EQUAL:

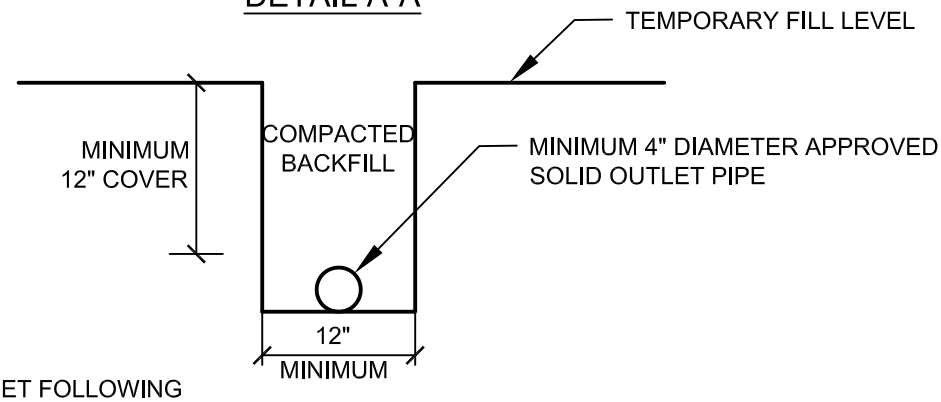
SIEVE SIZE	PERCENTAGE PASSING
1"	100
¾"	90-100
⅜"	40-100
NO. 4	25-40
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

NOT TO SCALE

TYPICAL BACKDRAIN DETAIL



DETAIL A-A

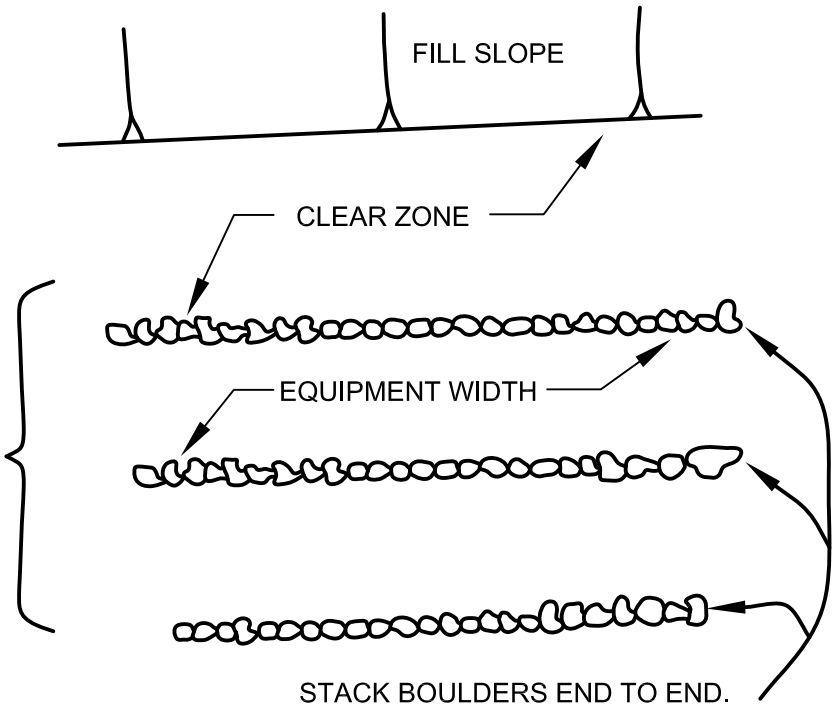


*NOTE: AGGREGATE TO MEET FOLLOWING SPECIFICATIONS OR APPROVED EQUAL:

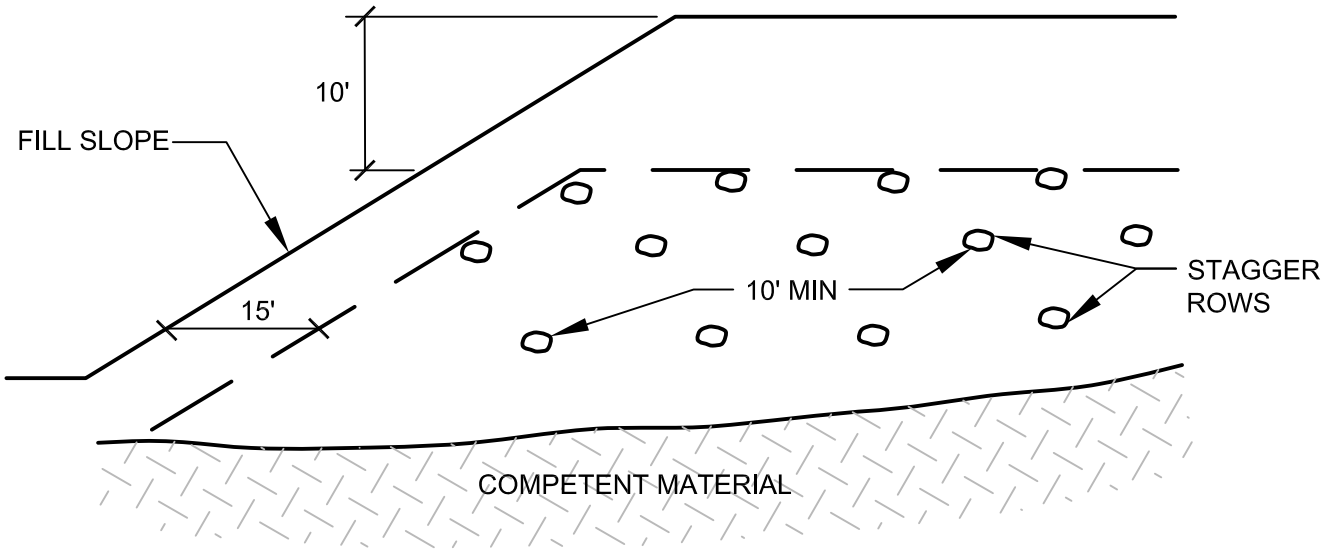
SIEVE SIZE	PERCENTAGE PASSING
1 ½"	100
1"	5-40
¾"	0-17
⅜"	0-7
NO. 200	0-3

NOT TO SCALE

BACKDRAIN DETAIL (GEOFRABIC)

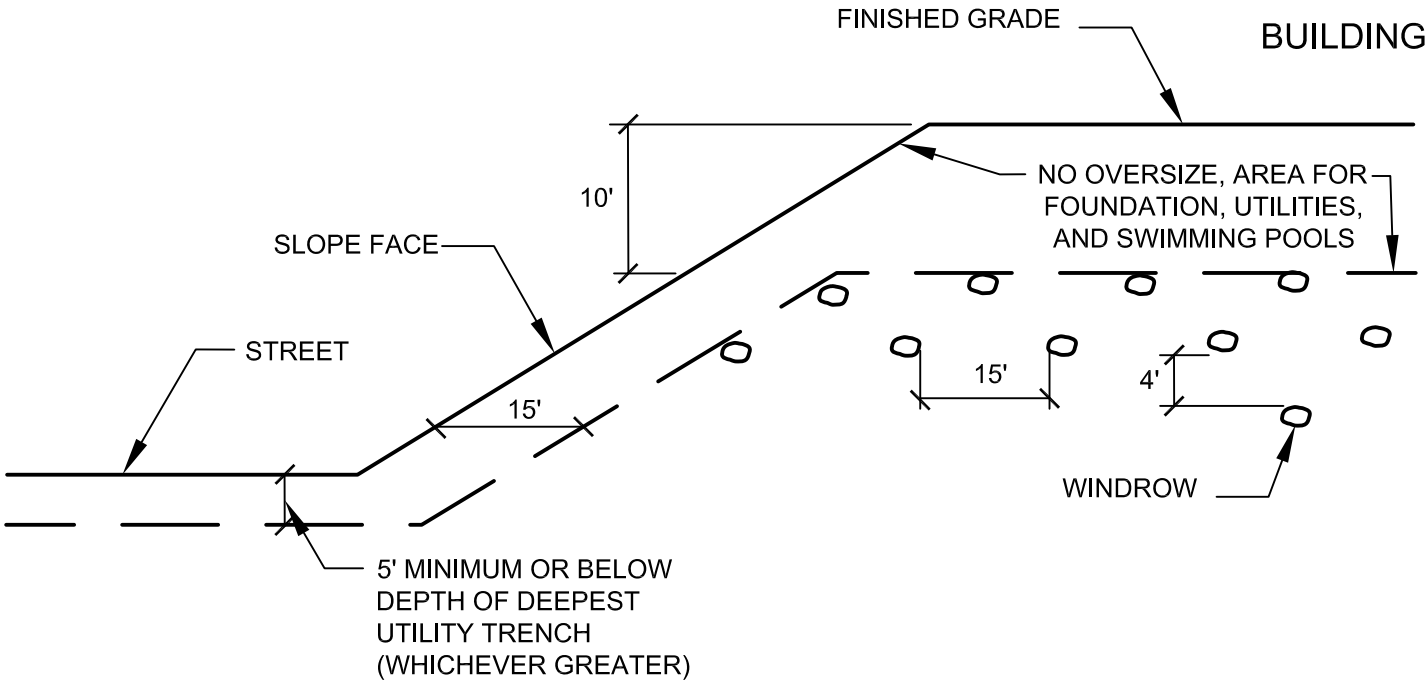


SOIL SHALL BE PUSHED OVER ROCKS AND FLOODED INTO VOIDS. COMPACT AROUND AND OVER EACH WINDROW.

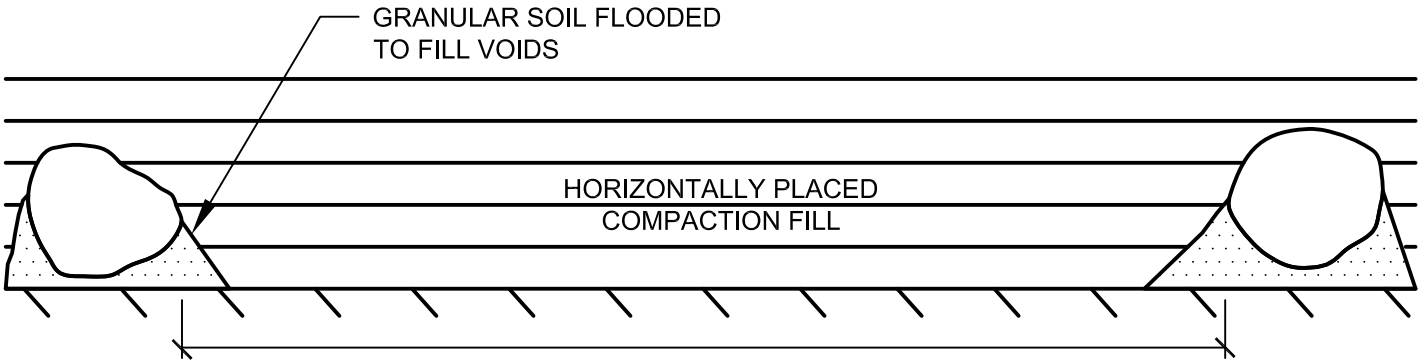


NOT TO SCALE

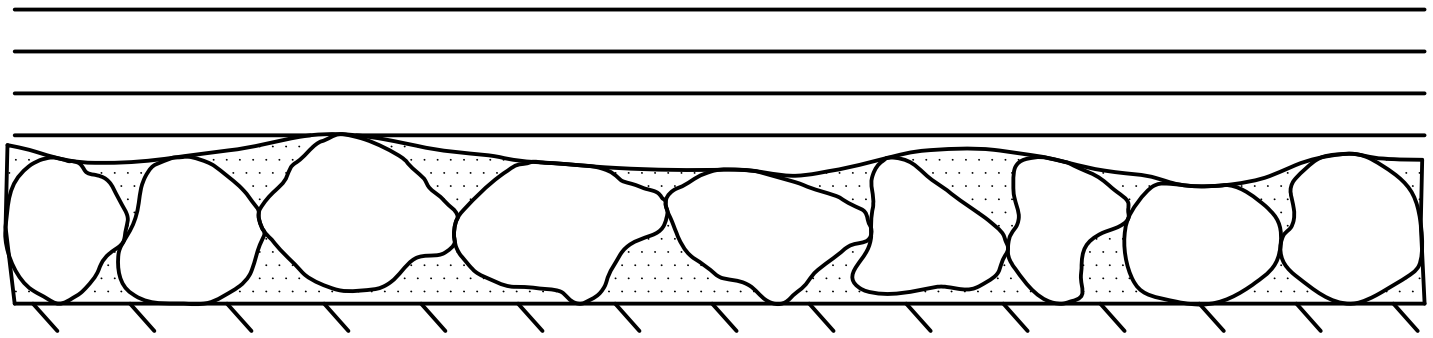
ROCK DISPOSAL DETAIL



TYPICAL WINDROW DETAIL (EDGE VIEW)



PROFILE VIEW

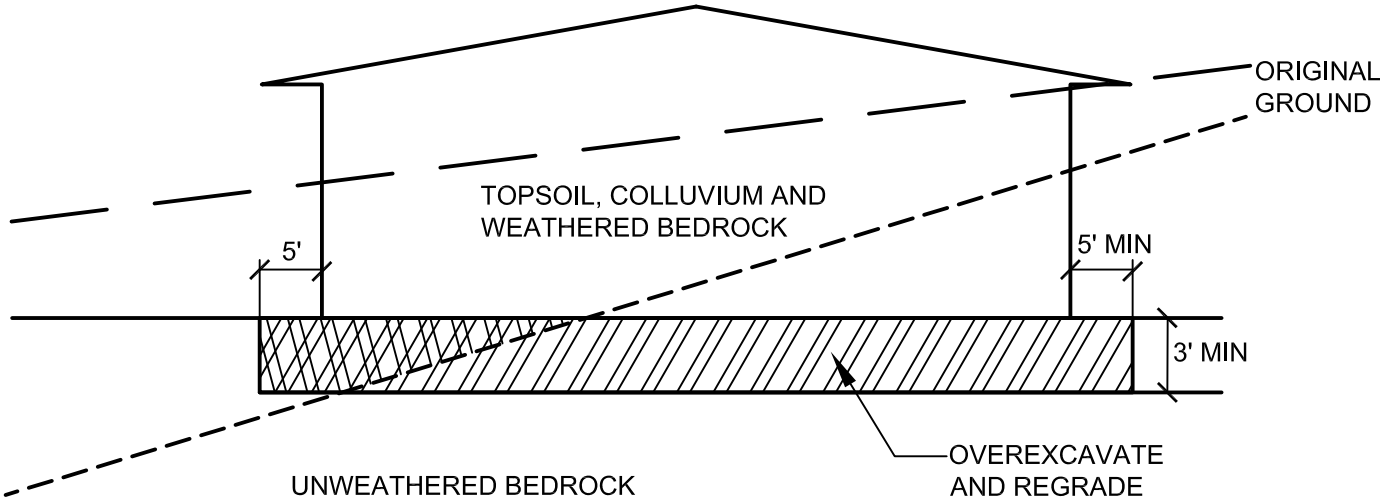


NOT TO SCALE

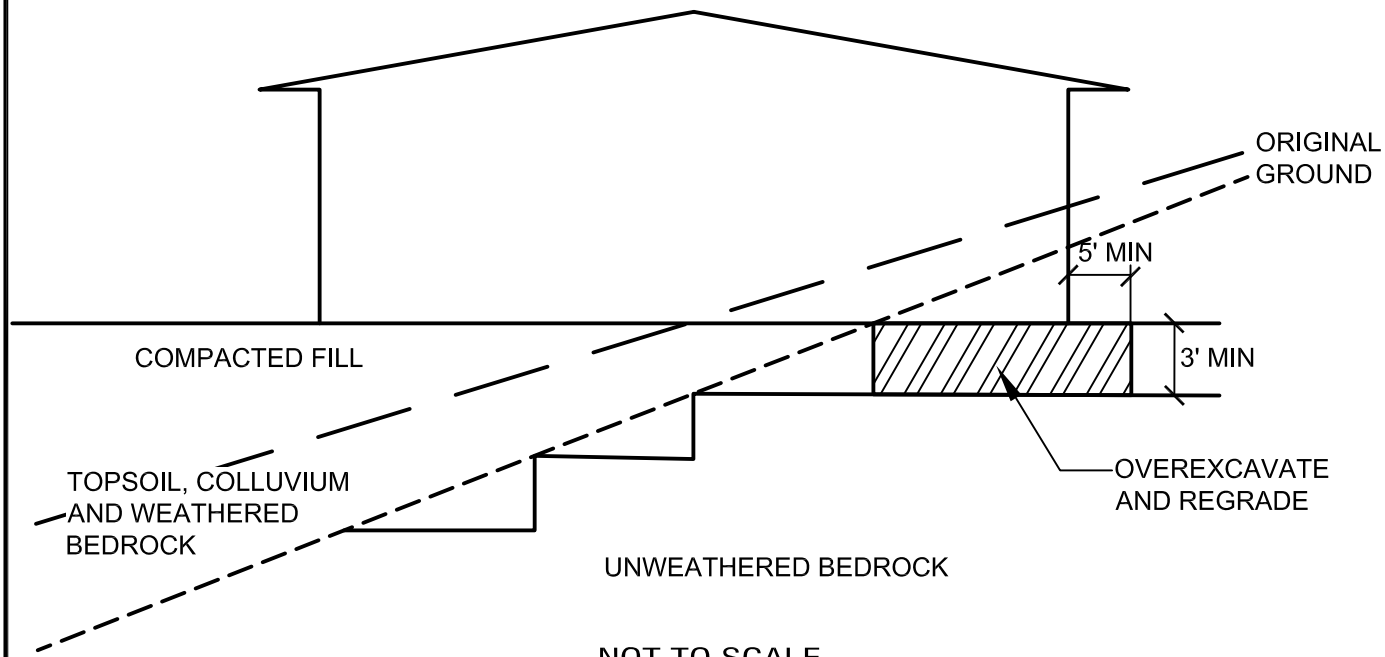
ROCK DISPOSAL DETAIL

GENERAL GRADING RECOMMENDATIONS

CUT LOT



CUT/FILL LOT (TRANSITION)



NOT TO SCALE

TRANSITION LOT DETAIL

APPENDIX E

US SEISMIC DESIGN VALUES

This is a beta release of the new ATC Hazards by Location website. Please contact us with feedback.

The ATC Hazards by Location website will not be updated to support ASCE 7-22. Find out why.

Hazards by Location

Search Information



Address:	1758 W Yosemite Ave, Manteca, CA 95337, USA
Coordinates:	37.7962739, -121.24494
Elevation:	31 ft
Timestamp:	2023-11-18T22:45:01.362Z
Hazard Type:	Seismic
Reference Document:	ASCE7-16
Risk Category:	II
Site Class:	D

Basic Parameters

Name	Value	Description
S_S	0.807	MCE_R ground motion (period=0.2s)
S_1	0.304	MCE_R ground motion (period=1.0s)
S_{MS}	0.95	Site-modified spectral acceleration value
S_{M1}	* null	Site-modified spectral acceleration value
S_{DS}	0.633	Numeric seismic design value at 0.2s SA
S_{D1}	* null	Numeric seismic design value at 1.0s SA

* See Section 11.4.8

Additional Information

Name	Value	Description
SDC	* null	Seismic design category
F_a	1.177	Site amplification factor at 0.2s
F_v	* null	Site amplification factor at 1.0s
CR_S	0.946	Coefficient of risk (0.2s)
CR_1	0.951	Coefficient of risk (1.0s)
PGA	0.336	MCE_G peak ground acceleration
F_{PGA}	1.264	Site amplification factor at PGA
PGA_M	0.425	Site modified peak ground acceleration
T_L	8	Long-period transition period (s)
SsRT	0.807	Probabilistic risk-targeted ground motion (0.2s)
SsUH	0.853	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
SsD	1.5	Factored deterministic acceleration value (0.2s)
S1RT	0.304	Probabilistic risk-targeted ground motion (1.0s)
S1UH	0.319	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
S1D	0.6	Factored deterministic acceleration value (1.0s)
PGAd	0.5	Factored deterministic acceleration value (PGA)

* See Section 11.4.8

The results indicated here DO NOT reflect any state or local amendments to the values or any delineation lines made during the building code adoption process. Users should confirm any output obtained from this tool with the local Authority Having Jurisdiction before proceeding with design.

Please note that the ATC Hazards by Location website will not be updated to support ASCE 7-22. Find out why.

Disclaimer

Hazard loads are provided by the U.S. Geological Survey Seismic Design Web Services.

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APPENDIX D

PHASE I ENVIRONMENTAL SITE ASSESSMENT

KCE MATRIX
CONSULTING ENGINEERS
STRUCTURAL, CIVIL & ENVIRONMENTAL

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Vacant Land/Residential Property
1758 West Yosemite Avenue
Manteca, California
(APN: 222-050-050)

Prepared For:

Pacific West Communities, Inc.
430 East State Street, Suite 100
Eagle, Idaho 83616

KCE-2023-413E-R1
October 9, 2023

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Appendix C. Regulatory Records Search

- Appendix C-1. California State Regional Water Quality Control Board
- Appendix C-2. California State Department of Toxic Substance Control
- Appendix C-3. San Joaquin County Environmental Health Department
- Appendix C-4. City of Manteca Clerk's Office – Fire Department
- Appendix C-5. Hydrology Information
- Appendix C-6. National Wetlands Inventory – Wetland Map
- Appendix C-7. Federal Emergency Management Agency – National Flood Hazard Map

Appendix D. Historical Research Documentation

- Appendix D-1. City of Manteca Clerk's Office – Building Department and San Joaquin County – Records
- Appendix D-2. Historic Maps
- Appendix D-3. Aerial Photographs
- Appendix D-4. Historical Topographic Maps
- Appendix D-5. City Directory Abstract

Appendix E. User Questionnaire and Title Report

Appendix F. Site Photographs

Appendix G. Vapor Encroachment Screen

Appendix H. Qualifications of Environmental Professionals

I. SUMMARY AND CONCLUSIONS

KCE Matrix, Inc. (KCE Matrix) has been retained by Pacific West Communities, Inc. (referred to as "the client" and/or "the user" in this report) to conduct a Phase I Environmental Site Assessment (ESA) in accordance with the American Society of Testing and Materials (ASTM) standard practice E1527-21 for the property with the address of 1758 West Yosemite Avenue, and the Assessor's Parcel Number (APN) of 222-050-050, Manteca, California (referred to as "the subject property" in this report).

The following summarizes the findings of this Phase I ESA:

- The subject property is located within an essentially residential area directly to the south of the intersection of West Yosemite Avenue and St. Dominics Drive, in Manteca, California. The property consists of one parcel of land with the Assessor's Parcel Number (APN) of 222-050-050; measures approximately 392,000 square feet (9.0 acres) of land area in a rectangular-shaped configuration; appears to be relatively flat and has an approximate elevation of 29 feet above mean sea level. The site can be accessed through the northeastern corner of the site through a driveway along the eastern property line. A residential structure that measures approximately 2,500 square feet of land area and an associated garage/storage/pump house structure are located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

- Based on the historic information obtained during this investigation (including research of Sanborn Maps, Aerial Photographs, regulatory records and city directories), the subject property appears to have been vacant land and/or used for agricultural purposes between 1937 through 1968, and possibly as recently as 2009. A residential structure along with associated outbuildings was located on the eastern central and southeastern portion of the site along the eastern property line from at least 1937 through the present. On September 19, 2023, a representative of KCE Matrix conducted site inspection for the subject property and confirmed that the majority of the property currently consists of vacant land, and a residential structure with an associated garage/storage/pump house was observed to be located on the eastern central portion of the site along the eastern property line.

- As reported in the search of government environmental databases and as presented in Section V-A2 of this report, the subject property is located in a residential area where information related to environmental assessment, remediation and/or management practices is documented for several other properties in the general vicinity of the subject site. More specifically, only two other sites were identified as being located in the immediate site vicinity and consisted of dental office and a hospital (medical facility). The dental office was reported as not being a generator of hazardous waste and no violations were reported. The hospital (medical facility) was reported as having an 8,000-gallon diesel fuel UST, but an unauthorized release originating from this facility

was not reported. Based on the information obtained during this investigation and the site vicinity reconnaissance performed, KCE Matrix did not discover or observe subsurface environmental site assessment activity that would indicate potential migration of contamination from other nearby sites towards the subject property.

- Based on the Vapor Encroachment Screen (VES) conducted during this investigation, a Vapor Encroachment Condition (VEC) originating from the subject property could not be ruled out. Furthermore, based on the research conducted during this investigation, a VEC originating from other nearby sites in the vicinity for the subject property could not be ruled out.

- KCE Matrix conducted a search of groundwater monitoring data as maintained by the State Water Resources Control Board (SWRCB) – Geotracker database for hydrology information for the site and site vicinity. Based on monitoring data collected from wells located at a site that is approximately 0.16-mile northwest of the subject property, the depth to groundwater was reported to range between 11.29 feet and 12.62 feet below the surface as monitored in January of 2017. Based on monitoring data collected from wells located at a second site that is approximately 0.28-mile west of the subject site, the depth to groundwater in the upper bearing zone was reported to range between 13.05 feet and 16.15 feet below the surface as monitored in June of 2015.

The ASTM standard practice E1527-21 defines the following terms:

Recognized Environmental Condition (REC) as "(1) the presence of hazardous substances or petroleum products in, on or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on or at the subject property under conditions that pose a material threat of a future release to the environment".

Historical Recognized Environmental Condition (HREC) as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls". A historical recognized environmental condition is not a recognized environmental condition.

Controlled Recognized Environmental Condition (CREC) as "a recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls".

KCE Matrix has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-21 of 1758 West Yosemite Avenue (APN: 222-050-050), Manteca, California, the subject property. Any exceptions to, or deletions from, this

practice are described in this report. This assessment has revealed the following RECs, CRECs or significant data gaps in connection with the subject property:

- REC1 – Past usage of the subject property and the general site vicinity for agricultural purposes. The majority of the subject property appears to have been used for agricultural purposes over an extended period of time from at least 1937 through 1968, and possibly as recently as 2009.

Based on the assessment work performed and the REC identified as presented above, KCE Matrix recommends the following:

1. Perform subsurface environmental assessment work on the subject property, including:
    a. Subsurface soil assessment on the subject property for Pesticides, and to assess any potential impact from metals (such as Arsenic and Lead).
    b. Subsurface soil-vapor assessment for subject property as related to Pesticides.

2. Perform assessment such that a VEC from historic agricultural activity on the subject site and in the immediate site vicinity is adequately assessed.

II. INTRODUCTION

A. Purpose

This report presents the results of a Phase I ESA conducted by KCE Matrix for the subject property. The purpose of this investigation is to research and report existing environmental conditions for the subject property based on the American Society of Testing and Materials (ASTM) standard practice E1527-21. Performing a Phase I ESA according to the ASTM Standard E1527-21 is intended to permit a user to satisfy one of the requirements in qualifying for the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability (the "*landowner liability protections*," or "*LLPs*"). This practice constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice".

B. Detailed Scope-of-Services

The scope of services performed during this Phase I ESA project includes:

1. Collecting available information concerning the property as it pertains to:
    a. Past land use
    b. Past owners
    c. Location of buried storage tanks, hazardous waste storage, wastewater treatment facilities and/or on-site landfills, etc.
    d. Types of chemicals used on site, past and present
    e. Geologic and hydrogeologic features

f. Past geotechnical investigations (if available)
g. Other data pertinent to the specific site

2. Conducting a site visit to:
   a. Identify vegetative features
   b. Locate surface waters
   c. Assess physical features
   d. Observe adjacent land use
   e. Gather evidence of indiscriminate and/or illegal waste disposal
3. Conducting a review of records maintained by regulatory agencies as follows:
   a. Reviewing regulatory files regarding the property in question
   b. Contacting appropriate regulatory personnel
4. Conducting a Vapor Encroachment Screen.
5. Preparing the Phase I Environmental Site Assessment Report, summarizing our findings and inclusive of supporting documentation.

C. Significant Assumptions

No significant assumptions were made during the course of this investigation.

D. Limitations and Exceptions

As defined by the ASTM Standard E1527-21, the "Client" and/or "User" understands that no amount of environmental site assessment can "wholly eliminate uncertainty regarding the potential for recognized environmental conditions" to exist in connection with the subject property. Performance of a Phase I ESA in accordance with the ASTM Standard E1527-21 is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions to exist in connection with the subject property, and the ASTM standard practice recognizes these reasonable limits of time and cost.

This type of ESA does not include air, soil or water sampling; or sampling of building materials. Site-specific conditions such as soil deposits and rock formations may vary in thickness, lithology, saturation strength, and other properties across any site beyond what available documentation indicates. Therefore, it is possible that undocumented or concealed improvements or alterations to the property could exist beyond the inquiry of the activities conducted during this site assessment. In addition, environmental changes, either naturally occurring or artificially induced, may cause changes or alterations (which can be significant) to the property as compared to the conditions found at the time that this assessment was conducted.

Based on the best available investigative technologies, no amount of assessment can guarantee that the subject property does not contain contaminants or hazardous substances. The activities conducted during this limited investigation cannot identify all potential concerns for the subject property, and do not eliminate the possibility that the subject property is completely free of environmental concerns.

KCE Matrix has analyzed and evaluated the information collected during this investigation using what we believe to be the currently applicable assessment and engineering techniques and principles. KCE Matrix assumes no liability from other parties involved in losses sustained as a result of decisions made based on interpretations of this report. KCE Matrix makes no warranty, either expressed or implied, regarding the work conducted, except that our services were performed in accordance with the generally accepted professional principles and practices existing for such work.

There are no "significant data gaps" or "data gaps" to report during this investigation. There are no "data failures" to report during this investigation.

E. Special Terms and Conditions

This report and all information obtained during this site assessment are considered confidential and will not be released without written permission by the owner of the subject property, the owner authorized entity conducting this assessment, or as required by law. The owner of the subject property is typically responsible for mitigation of contamination, corrective or remedial action, and disclosure of any information related to environmental issues that may or may not be discovered during this site assessment.

F. User Reliance

This report was prepared for the exclusive use of the client and/or user. No other person or entity is entitled to rely upon this report without the specific written authorization of KCE Matrix. Any such reliance by any third party is at the sole risk of said third party, and such reliance is subject to the same limitations, terms and conditions as the original contract with the client. KCE Matrix specifically disclaims any responsibility for any unauthorized use of this report.

III. SITE DESCRIPTION

A. Location and Description

The subject property is located directly to the south of the intersection of West Yosemite Avenue and St. Dominics Drive, in Manteca, California. A Location Map, Site Plan, and Site Vicinity Map are presented in Appendix A, as Figures 1, 2 and 3, respectively.

B. Site and Vicinity General Characteristics

The subject property is located within an essentially residential area. The property consists of one parcel of land with the Assessor's Parcel Number (APN) of 222-050-050; measures approximately 392,000 square feet (9.0 acres) of land area in a rectangular-shaped configuration; appears to be relatively flat and has an approximate elevation of 29 feet above mean sea level. The site can be accessed through the northeastern corner of the site through a driveway along the eastern property line. A residential structure that measures approximately 2,500 square feet of land area and an

associated garage/storage/pump house structure are located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

C. Current Use of the Property

The subject property is occupied by a residential structure that measures approximately 2,500 square feet of land area and an associated garage/storage/pump house structure; located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

D. Description of Structures and Other Improvements

The property consists of one parcel of land with the APN of 222-050-050; measures approximately 392,000 square feet (9.0 acres) of land area in a rectangular-shaped configuration; appears to be relatively flat and has an approximate elevation of 29 feet above mean sea level. The site can be accessed through the northeastern corner of the site through a driveway along the eastern property line. A residential structure that measures approximately 2,500 square feet of land area and an associated garage/storage/pump house structure are located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

E. Current Uses of the Adjoining Properties

The adjoining properties are comprised of the following:

- North: West Yosemite Avenue, Kaiser Permanente Manteca Medical Center and vacant properties.
- East: Commercial property including medical offices, Winters Drive, commercial property, including a restaurant, and a storage facility.
- South: Residential properties (currently under development).
- West: A restaurant, vacant properties, and residential properties along with residential streets.

IV. USER PROVIDED INFORMATION

A user questionnaire was completed by the client and was provided to KCE Matrix during this investigation. A copy of the completed user questionnaire is presented in Appendix E of this report.

A. Title Records

The client provided KCE Matrix with a copy of a Preliminary Title Report for the subject property as prepared by First American Title Company, dated August 25, 2023. Based on review of the title report for the subject property, no environmental liens and/or Activity and Use Limitations (AUL's), which indicate a past or present release of a hazardous substance or petroleum products, were presented or recorded. A copy of the title report as prepared by First American Title Company dated August 25, 2023 is presented in Appendix E.

B. Environmental Liens or Activity and Use Limitations

The user reported that he is not aware of any environmental cleanup liens that are filed or recorded against the property under federal, tribal, state or local law. The user also reported that he is not aware of any Activity and Use Limitations (AUL's) that are filed or recorded against the property.

C. Specialized Knowledge

The user did not report any specialized knowledge related to the property or to nearby properties.

D. Commonly Known or Reasonably Ascertainable Information

The user did not report any commonly known or reasonably ascertainable information related to the property.

E. Valuation Reduction for Environmental Issues

The user reported that the purchase price of this property reasonably reflects the fair market value of the property. The user did not report any other information with regard to the value of the subject property based on environmental issues.

F. Owner, Property Manager, and Occupant Information

The user identified Ms. Lauren Alexander as a site contact for the subject property and "Developer, City and CEQA Consultants" as parties who will rely on the Phase I report. The user did not provide any other information regarding the ownership, management or occupancy of the subject property.

G. Reason for Performing Phase I

This Phase I ESA is being performed for the client as part of a due diligence investigation of the subject site for property purchase.

H. Vapor Encroachment

The user reported that the site consists of vacant land and has a single-family residential structure. The user reported that the future development will consist of affordable multi-family housing apartments with a slab-on-grade floor system. The user also reported that the structure(s) on site will use hot air circulation as the heating system type, and natural gas, electricity and solar for fuel energy. The user also reported that neither a gas station nor a dry cleaner operates or will operate on site.

I. Other

The user reported that the single-family home was built prior to 1950 and is being assessed by an architectural historian. The user did not report any other knowledge or experience for the subject property with regard to environmental condition.

V. RECORDS REVIEW

A. Standard Environmental Record Sources

KCE Matrix retained Environmental Data Resources, Inc. (EDR) to conduct a search of government and regulatory databases in an attempt to locate and obtain information about the subject site and other sites in the vicinity of the subject property that may affect the environmental quality of the property. The environmental disclosure report prepared by EDR provides a summary of the various databases searched and is presented in Appendix B of this report. The database research presents summaries for the subject site and selected adjoining properties as follows:

A1. Subject Site

The target property was not listed in any of the databases searched by EDR.

A2. Site Vicinity

With regard to the summary report prepared by EDR, KCE Matrix has prepared the following table listing other sites located in the general vicinity of the subject property up to a reported search distance of approximately 500 feet. This summary table includes the site names, the reported distances from the subject property, as well as a brief summary of the information reported by the databases searched.

Facility Name	Address	Dist. (ft)	Database	Regulatory History and/or Reported Impact and Current Status
Bethel Kids Dental Manteca	1660 W Yosemite Ave Ste #1	40 ESE	RCRA NonGen / NLR	Classified the facility as not being a generator of Federal RCRA waste. No violations were reported.
St. Dominic's Hospital	1751 W Yosemite Ave	112 NW	CA FID UST	Reported the facility status as "Active". Detailed information regarding the UST is not reported.
St. Dominic's Hospital	1751 W Yosemite Ave	112 NW	SWEEPS UST	Reported one UST with a capacity of 8,000 gallons used for Diesel. Reported the status as "Active".
Kaiser Manteca	1721 W. Yosemite Avenue	122 NNE	RCRA NonGen / NLR	Classified the facility as not being a generator of Federal RCRA waste. No violations were reported.
Kaiser Manteca	1721 West Yosemite	122 NNE	RCRA NonGen / NLR	Classified the facility as not being a generator of Federal RCRA waste. No violations were reported.
Kaiser Permanente	1721 W Yosemite Ave	122 NNE	CERS	Reported the CERS description as "Chemical Storage Facilities".
Kaiser Permanente	1721 W Yosemite Ave	122 NNE	CERS HAZ WASTE	Reported the CERS description as "Hazardous Waste Generator".
Kaiser Permanente Medical Office Building Manteca	1721 W Yosemite Avenue	122 NNE	RCRA-LQG	Classified the facility as a large-quantity generator. No violations were reported.
Kaiser Foundation - Manteca	1777 W Yosemite Ave	129 NW	CERS	Reported the CERS description as "Chemical Storage Facilities".
Kaiser Foundation - Manteca	1777 W Yosemite Ave	129 NW	CERS TANKS	Reported the CERS description as "Aboveground Petroleum Storage".
Kaiser Foundation - Manteca	1777 W Yosemite Ave	129 NW	CERS HAZ WASTE	Reported the CERS description as "Hazardous Waste Generator".
Kaiser Foundation - Manteca	1777 W Yosemite Ave	208 NNW	AST	Reported the facility ID number. Detailed information regarding the AST is not reported.
Kaiser Permanente Manteca Medical Center	1777 W Yosemite Avenue	208 NNW	RCRA-LQG	Classified the facility as a large-quantity generator. The database reported that the facility received state violations as "Generators - Pre-transport", and CUPA violations as "Significant Non-Complier".
St Dominic's Hospital/Manteca	1777 Yosemite Ave	208 NNW	UST	Reported the facility ID number. Detailed information regarding the UST is not reported.
Kaiser Foundation - Manteca	1777 W Yosemite Ave	208 NNW	UST	Reported one 8,000-gallon UST installed in 1989 and used for Diesel. Reported the permitting agency as "San Joaquin County Environmental Health".

In addition, the EDR databases searched identified one unmapped site as follows:

Name	Address
Spreckels Sugar Company, Inc.	Yosemite Avenue

The disclosure report prepared by EDR identified the unmapped site as an Orphan site. Based on site vicinity reconnaissance up to an approximate search distance of 0.25-mile from the subject site and based on the address and information provided in the Orphan Site Summary as prepared by EDR, the unmapped site was not observed to be located in the immediate vicinity of the subject property and appears to be located in excess of 0.25-mile of the subject site.

B. Additional Environmental Record Sources

Regional Water Quality Control Board

On September 14, 2023, KCE Matrix submitted a written request to the Regional Water Quality Control Board (RWQCB), Central Valley Region – File Review Department; for information regarding Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation for the subject property. Based on a letter response issued by the RWQCB dated September 25, 2023, this agency does not maintain any records for the subject property. A copy of the written request made by KCE Matrix dated September 14, 2023 and a copy of the RWQCB letter response dated September 25, 2023 are presented in Appendix C-1.

KCE Matrix also researched the records maintained by the State Water Resources Control Board (SWRCB) – Geotracker Database online for information regarding Underground Storage Tanks (USTs) and hazardous materials for the subject property. This database typically contains records that are also maintained by the various local RWQCB's. The results of this online research indicated that the SWRCB-RWQCB does not maintain such records for the subject property.

Department of Toxic Substances Control

On September 14, 2023, KCE Matrix submitted a written request to the California State Department of Toxic Substances Control (DTSC) – Berkeley Regional Office, for information regarding Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation for the subject property. Based on a letter response issued by the DTSC to KCE Matrix dated September 14, 2023, this agency does not maintain any records for the subject property. Copies of the written request made by KCE Matrix and the DTSC letter response both dated September 14, 2023 are presented in Appendix C-2.

KCE Matrix also researched the records maintained by the DTSC Envirostor Database online for information regarding environmental assessment and remediation matters for the subject property. The results of this online research indicated that the DTSC Envirostor Database does not maintain such records for the subject property.

In addition, KCE Matrix researched the records maintained by the DTSC Hazardous Waste Tracking System database online for information regarding hazardous wastes generated and/or stored at the subject property. The results of this online research indicated that the DTSC Hazardous Waste Tracking System online database does not maintain such records for the subject property.

San Joaquin County Environmental Health Department

On September 14, 2023, KCE Matrix submitted a written request to the San Joaquin County Environmental Health Department (SJCEHD) for information regarding Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation for the subject property. Based on an email response issued by the SJCEHD to KCE Matrix dated September 14, 2023, this agency does not maintain any records for the subject property. Copies of the written request made by KCE Matrix and the SJCEHD email response both dated September 14, 2023, are presented in Appendix C-3.

City of Manteca Clerk's Office – Fire Department

On September 18, 2023, KCE Matrix submitted a written request to the City of Manteca – City Clerk's Office, regarding any records that may be maintained for the subject property by the City Departments, including the Fire Department for information regarding Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation for the subject property. Based on an email response dated September 28, 2023 issued by the City Clerk's Office, the Manteca City Development Services Department and the Fire Department do not have responsive records for the subject property. A copy of the written request made by KCE Matrix dated September 18, 2023 and a copy of the Clerk's Office email response dated September 28, 2023 are presented in Appendix C-4.

California Geologic Energy Management Division

KCE Matrix researched the records maintained by the California Geologic Energy Management (CalGEM) Division (formerly known as the Division of Oil, Gas, and Geothermal Resources (DOGGR)) Database online for information regarding oil and natural gas wells for the subject property and the general vicinity. The results of this online research did not indicate references to any oil and/or natural gas wells as being located on the subject property.

California Environmental Protection Agency

KCE Matrix researched the records maintained by the California Environmental Protection Agency (CalEPA) Database online for information regarding environmentally regulated sites and facilities. The results of this online research indicated that the CalEPA Database does not maintain such records for the subject property.

C. Physical Setting Source(s)

C1. Topography

The site has an approximate elevation of 29 feet above mean sea level. A Location Map that shows the physical setting of the subject property and vicinity is presented in Appendix A, as Figure 1.

C2. Geology/Hydrogeology

KCE Matrix conducted a search of groundwater monitoring data as maintained by the State Water Resources Control Board (SWRCB) – Geotracker database for hydrology information for the site and site vicinity. Based on monitoring data collected from wells located at a site that is approximately 0.16-mile northwest of the subject property, the depth to groundwater was reported to range between 11.29 feet and 12.62 feet below the surface as monitored in January of 2017. Based on monitoring data collected from wells located at a second site that is approximately 0.28-mile west of the subject site, the depth to groundwater in the upper bearing zone was reported to range between 13.05 feet and 16.15 feet below the surface as monitored in June of 2015. The groundwater information obtained from the SWRCB Geotracker Database for the general site vicinity is presented in Appendix C-5.

The surface of the subject property is essentially flat and has an approximate elevation of 29 feet above mean sea level. With regard to the surrounding area, the general topographic gradient is reported to have a gradual slope down to the north-northwest based on information obtained from EDR. General subsurface soil and topographic gradient information for the site and vicinity is presented in the Physical Setting Source Summary Report prepared by EDR in Appendix B (pages A-1 through A-6).

The National Wetlands Inventory (NWI) was established by the United States (U.S.) Fish and Wildlife Service (Service) in 1974 to conduct a nationwide inventory of U.S. wetlands to provide its biologists and others with information on the distribution of wetlands to aid in wetland conservation efforts. Based on review of information obtained from the NWI as maintained by the Service online, the subject property does not appear to be a designated wetland area. The NWI map identifies the following wetland(s) as the closest designated wetland area(s) in the vicinity of the subject property:

Wetland	Distance
Creek	Along the southern property line
Creek	0.12-mile to the southeast of the subject property
Creek	0.32-mile to the west of the subject property
Creek	0.33-mile to the south of the subject property

The NWI wetland map for the vicinity of the subject property is presented in Appendix C-6. In addition, references to the nearest wetland areas are presented in the maps presented in the Executive Summary of the EDR report presented in Appendix B.

The Federal Emergency Management Agency (FEMA) has defined geographic areas as Flood Zones according to varying levels of flood risk. These zones are depicted on a community's Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map. Each zone reflects the severity or type of flooding in the area. Based on review of information obtained from the FEMA's National Flood Hazard Layer (NFHL) Viewer online, the subject property is located in Zone X, an area of 0.2% annual chance of flood hazard. The NFHL map for the general vicinity of the subject property is presented in Appendix C-7.

D. Historical Use Information - Subject Property

D1. Building Records

On September 18, 2023, KCE Matrix submitted written requests to the City of Manteca Clerk's Office, including the Building Department, particularly as may be related to site history, including historic and current permit applications, certificates of occupancy and violations. On October 9, 2023, KCE Matrix received records from the City Clerk's Office which consisted of two documents as follows:

1. Code Enforcement Case (CE-23-284): Listed two inspections for the subject property on March 6 and April 5, 2023. Based on the observations made during the site inspections, garbage, junk and debris were scattered on site. A Notice of Violation was sent to the property owner to remove or dispose of the garbage, junk and debris from the site.

2. A document issued by the City of Manteca dated March 8, 2022, regarding a new City Address. The document indicates that the lot with the Parcel #222-050-03 had been split into two new Parcels; Parcel #222-050-04 and Parcel #222-050-05, and Parcel #222-050-05 (subject property) had been assigned a new site address of 1758 West Yosemite Avenue.

A copy of the request made by KCE Matrix dated September 18, 2023 and a copy of the City Clerk's Office email response dated October 9, 2023 are presented in Appendix D-1.

In addition, on September 19, 2023, KCE Matrix submitted written requests to the San Joaquin County for site related records. Based on a letter response issued by the San Joaquin County dated September 28, 2023, the San Joaquin County Community Development department was unable to locate any documents related to the subject property. This agency also noted that the site is located within the City of Manteca, and KCE Matrix was advised to contact the City for such records. A copy of the request made by KCE Matrix dated September 19, 2023 and a copy of the San Joaquin County email response dated September 28, 2023 are presented in Appendix D-1.

D2. Historic Maps

KCE Matrix contacted EDR in an effort to obtain historic Sanborn® Maps of the subject site and vicinity. Based on a search of the EDR historic map collection, no such historic maps were maintained by EDR for the subject property and immediate vicinity. A copy of the Sanborn® Map

Report dated September 13, 2023 indicating that there is no coverage for the subject property and vicinity is presented in Appendix D-2.

D3. Aerial Photographs

KCE Matrix contacted EDR in an effort to obtain historic and/or recent Aerial Photographs of the subject site and vicinity. Based on the Aerial Photographs for the subject property dated from 1937 through 2020 as obtained by KCE Matrix from EDR, the majority of the subject property appears to have been vacant land and/or used for agricultural purposes between 1937 through 1968, and possibly as recently as 2009. A residential structure along with associated outbuildings was located on the eastern central and southeastern portion of the site along the eastern property line between 1937 and 2020. Copies of aerial photographs dated 1937, 1940, 1957, 1963, 1968, 1975, 1982, 1993, 2006, 2009, 2012, 2016 and 2020 for the subject property and general site vicinity as obtained by KCE Matrix from EDR are presented in Appendix D-3.

D4. Historical Topographic Maps

KCE Matrix contacted EDR in an effort to obtain historic and/or recent Topographic Maps of the subject site and vicinity. Based on the historic and/or recent Topographic Maps dated 1914/1915 through 2018 as obtained by KCE Matrix from EDR, the subject property appears to have been vacant land between 1914/1915 and 2018. At least two structures appear to have been located on the southeastern portion of the property along the eastern property line between 1952 and 1994. The subject property and the general vicinity are not presented in the Topographic Map dated 1996. Copies of the Historical Topographic Maps dated 1914/1915, 1952, 1968, 1976, 1987, 1991, 1994, 1996, 2012, 2015 and 2018 as obtained from EDR and reviewed by KCE Matrix are presented in Appendix D-4.

D5. City Directory Abstract

The current site address of the target property was not listed in any of the databases searched by EDR. Previously, the subject property consisted of a larger Parcel that had the address of 1674 West Yosemite Avenue. As of March of 2022, the larger Parcel was split into two separate smaller Parcels as indicated in Section V-D1 of this report.

The following presents a review of the City Directory Abstract for the previous address of the subject property as obtained by KCE Matrix from EDR.

1674 West Yosemite Avenue

Year	Occupant Name
2014	Rhodes, Richard E
2010	Keppel, Joshua
2005	Keppel, Paul A

A copy of the City Directory Abstract report obtained from EDR and as reviewed by KCE Matrix is presented in Appendix D-5.

D6. Recorded Land Title Records

The client provided KCE Matrix with a copy of a Preliminary Title Report for the subject property as prepared by First American Title Company, dated August 25, 2023. Based on review of the title report for the subject property, no environmental liens and/or Activity and Use Limitations (AUL's), which indicate a past or present release of a hazardous substance or petroleum products, were presented or recorded. A copy of the title report as prepared by First American Title Company dated August 25, 2023 is presented in Appendix E.

E. Historical Use Information - Adjoining Properties

E1. Historic Maps

KCE Matrix contacted EDR in an effort to obtain historic Sanborn® Maps of the subject site and vicinity. Based on a search of the EDR historic map collection, no such historic maps were maintained by EDR for the subject property and immediate vicinity. A copy of the Sanborn® Map Report dated September 13, 2023 indicating that there is no coverage for the subject property and vicinity is presented in Appendix D-2.

E2. Aerial Photographs

KCE Matrix contacted EDR in an effort to obtain historic and/or recent Aerial Photographs of the subject site and vicinity. Based on the Aerial Photographs for the subject property and vicinity dated from 1937 through 2020 as obtained by KCE Matrix from EDR, it appears the vicinity was essentially vacant and/or agricultural land between 1937 and 1982. In 1993, gradual development of residential and/or commercial properties is evident in the general vicinity to the northwest, northeast and southeast of the subject site. As of 2006 and through 2020, further development of essentially residential properties is evident in the site vicinity, particularly in areas to the southwest and southeast. In 2020, the vicinity to the south remains vacant land. Copies of aerial photographs dated 1937, 1940, 1957, 1963, 1968, 1975, 1982, 1993, 2006, 2009, 2012, 2016 and 2020 for the subject property and general site vicinity as obtained by KCE Matrix from EDR are presented in Appendix D-3.

E3. Historical Topographic Maps

KCE Matrix contacted EDR in an effort to obtain historic and/or recent Topographic Maps of the subject site and vicinity. Based on the historic and/or recent Topographic Maps for the subject property and the general vicinity dated from 1914/1915 through 2018 as obtained by KCE Matrix from EDR, the general vicinity appears to be essentially vacant land in 1914/1915. As of 1952 and through 1994, gradual development of properties is evident in the general vicinity of the subject property. Between 2012 and 2018, further development of properties is evident in the general site vicinity, particularly in the areas to the south and southeast of the subject property. Copies of the Historical Topographic Maps dated 1914/1915, 1952, 1968, 1976, 1987, 1991, 1994, 1996, 2012, 2015 and 2018 obtained from EDR and reviewed by KCE Matrix are presented in Appendix D-4.

E4. City Directory Abstract

Based on review of the City Directory Abstract report obtained by KCE Matrix from EDR; additional information with regard to addresses in the site vicinity is presented. Information with regard to listings that are or were located in the immediate vicinity of the subject property is presented on pages A1 through A21 of the referenced EDR City Directory Abstract report. A copy of the City Directory Abstract report obtained from EDR and reviewed by KCE Matrix is presented in Appendix D-5.

VI. SITE RECONNAISSANCE

A. Non-ASTM Scope Considerations

Site reconnaissance is limited to the areas accessible and inspected during this investigation. No sampling or analysis of any building materials for asbestos content or paint for lead content was conducted during this assessment.

Based on the work performed during this investigation, the residential structure that is currently on site was reportedly constructed prior to 1950. In general, for building structures that were constructed prior to 1978, it is possible that some of the building materials in such structures may have Asbestos Containing Material (ACM) or may have been painted with Lead-Based Paint (LBP) at some point in time.

Exposure to asbestos is a health concern when building materials are friable. In working near, repairing or replacing materials such as these, a licensed asbestos abatement contractor, or personnel specially trained in working with or near asbestos should be employed. With regard to LBP, exposure to lead from LBP is a health concern when lead dust is created and can be inhaled or LBP chips are accessible for ingestion. In working near, assessing, repairing or replacing materials that contain LBP, certified lead professionals specially trained in working with or near LBP should be employed.

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The United States Environmental Protection Agency (EPA) and the California EPA have prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. It is important to note that the EPA has found homes with elevated levels of radon in all three designated zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. The map divides the country into three Radon Zones as follows:

- Zone 1: Highest Potential - Counties that have a predicted average indoor radon screening level greater than 4 picocuries per liter (pCi/L), the US EPA Action Limit.

- Zone 2: Moderate Potential - Counties that have a predicted average indoor radon screening level between 2 and 4 pCi/L.

- Zone 3: Low Potential - Counties that have a predicted average indoor radon screening level less than 2 pCi/L.

Radon sampling was not conducted as part of this assessment. Review of the California EPA Map of Radon Zones places the subject property in Zone 3, where average predicted radon levels are less than 2 pCi/L. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

B. General Site Setting

The subject property is located within an essentially residential area directly to the south of the intersection of West Yosemite Avenue and St. Dominics Drive, in Manteca, California. The property consists of one parcel of land with the Assessor's Parcel Number (APN) of 222-050-050; measures approximately 392,000 square feet (9.0 acres) of land area in a rectangular-shaped configuration; appears to be relatively flat and has an approximate elevation of 29 feet above mean sea level. The site can be accessed through the northeastern corner of the site through a driveway along the eastern property line. A residential structure that measures approximately 2,500 square feet of land area and an associated garage/storage/pump house structure are located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

A Location Map, a Site Plan and a Site Vicinity Map are presented in Appendix A, as Figures 1, 2 and 3, respectively. During site reconnaissance, KCE Matrix also obtained photographs of the subject property and vicinity. Selected photographs are presented in Appendix F.

C. Observations

On September 19, 2023, a representative of KCE Matrix inspected the subject property and recorded the following observations:

	Description	Comments
1	Industrial Use	None observed
2	Gas Station	None observed
3	Motor Repair Facility	None observed
4	Commercial Printing Facility	None observed
5	Dry Cleaning	None observed
6	Photo Development Laboratory	None observed
7	Junkyard	None observed
8	Landfill	None observed
9	Waste Treatment	None observed
10	Storage Facility	None observed
11	Disposal Facility	None observed
12	Processing Facility	None observed

	Description	Comments
13	Recycling Facility	None observed
14	Batteries	None observed
15	Pesticides or agricultural activity	None observed
16	Paints	None observed
17	HazMat storage or use	Several small containers of paints and lubricants in the shop area of the pump house structure.
18	Potential HazMat storage or use	None observed
19	Dumping or Improper Disposal of HazMat	None observed
20	Drums and Other Containers	None observed
21	PCB's, Transformers, Capacitors or Hydraulic equipment, other equipment	None observed
22	Chemical Products	None observed
23	Asbestos, Age of Building, Blueprints	Possible, due to the age of the structures on site
24	Paint Condition, LBP	Possible, due to the age of the structures on site
25	Building Demolition or Renovation	None observed
26	Fill Dirt From Other Locations	None observed
27	Stained Soil or Spills	None observed
28	Oil or Gas Wells	None observed
29	Underground Storage Tanks (USTs)	None observed
30	Above-ground Storage Tanks (AST's)	Tank located at the pump house, used to temporarily store water, else none observed.
31	Hydraulic Hoists	None observed
32	Clarifier/Wastewater Interceptor	None observed
33	Subsurface or Underground Pipes	Domestic use, and associated with water pump house, located to the southeast of the residence. Utility lines located along the northern properly line.
34	Above Ground Pipes	Domestic use, and associated with water pump house, located to the southeast of the residence.
35	Flooring, Drains or Walls Emitting Foul Odors	None observed
36	Pits, Pounds, Lagoons or Cesspools	None observed
37	Distressed Vegetation	Some distressed vegetation observed, most likely due to lack of care.
38	Pools of Liquid, Drains, Sumps, Stains, Septic Tanks	None observed
39	Environmental Liens	None observed
40	Government Notifications Regarding Environmental Violation	None observed
41	HazMat Inventory	None
42	Disclosure of Hazardous Substances or Petroleum Products	None observed
43	Previously Conducted Environmental Site Assessments	None observed
44	Wastewater Generation or Disposal	Domestic
45	Water Supply System, Water Usage	Domestic use at residence
46	Regulated Air Emissions	None observed
47	Heating/Cooling	Domestic use at residence
48	Potable, Irrigation, or Monitoring Wells	Associated with the water pump house.
49	Storm water drainage	Dirt and grassy surface
50	Odors	Not perceived
51	Solid Waste	Several small piles of waste and trash on the southwest portion of the property.

D. Site Vicinity Reconnaissance

KCE Matrix conducted a brief inspection of the immediate vicinity of the subject property. The adjoining properties are comprised of the following:

- North: West Yosemite Avenue, Kaiser Permanente Manteca Medical Center and vacant properties.
- East: Commercial property including medical offices, Winters Drive, commercial property, including a restaurant, and a storage facility.
- South: Residential properties (currently under development).
- West: A restaurant, vacant properties, and residential properties along with residential streets.

VII. INTERVIEWS

A. Interview with Owner

KCE Matrix did not conduct an interview with the current owner of the subject property during this investigation.

B. Interview with Site Manager

Prior to site inspection, KCE Matrix notified the client with regard to the date and time of the inspection. However, a property site manager was not available for an interview at the time of site inspection. As such, KCE Matrix did not conduct an interview with the current manager of the property during this investigation.

C. Interviews with Occupants

Prior to site inspection, KCE Matrix notified the client with regard to the date and time of the inspection. At the time of inspection, site occupants were not available for an interview at the time of site inspection. As such, KCE Matrix did not conduct an interview with the current site occupant(s) of the property during this investigation.

D. Interviews with Local Government Officials

KCE Matrix did not interview any local government officials regarding the subject property during this investigation.

E. Interviews with Others

In September of 2023, KCE Matrix interviewed a representative of the client who indicated that based on the information reported regarding the site history, the subject property contains a single-family residential structure and that the remaining areas consist of vacant land.

KCE Matrix did not conduct any other interviews regarding the subject property during this investigation.

VIII. VAPOR ENCROACHMENT SCREEN

During this investigation, KCE Matrix conducted a Vapor Encroachment Screen (VES) for the subject property based on the ASTM E2600-10 guideline. The goal of conducting a VES as established by the ASTM, is to identify a potential Vapor Encroachment Condition (VEC) for the subject property, which is defined as the presence or likely presence of Chemicals of Concern (COC) vapors in the subsurface of the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject site. Detailed information with regard to the VES evaluation conducted, the methodology used, and the information for other sites located in the immediate vicinity of the subject property as provided to KCE Matrix by EDR is presented in a VES summary report presented in Appendix G of this report.

A. Subject Property - VES

Based on the research conducted during this investigation, the subject property appears to have been vacant land and/or used for agricultural purposes between 1937 through 1968, and possibly as recently as 2009. A residential structure along with associated outbuildings was located on the eastern central and southeastern portion of the site along the eastern property line from at least 1937 through the present. On September 19, 2023, a representative of KCE Matrix conducted site inspection for the subject property and confirmed that the majority of the property currently consists of vacant land, and a residential structure with an associated garage/storage/pump house was observed to be located on the eastern central portion of the site along the eastern property line. Based on the history of the subject property as described above, a VEC originating from the subject site could not be ruled out.

B. Site Vicinity - VES

Based on the research conducted during this investigation for other sites located in the general vicinity of the subject property, two other sites were identified and evaluated during this VES. The evaluation of these other sites located closest to the subject property includes the following:

Facility Name	Facility Address	Database
Bethel Kids Dental Mantelu	1660 W Yosemite Ave Ste #1	RCRA NONGEN / NLR
St. Dominic's Hospital	1751 W Yosemite Ave	CA FID UST
St. Dominic's Hospital	1751 W Yosemite Ave	SWEEPS UST
Kaiser Manteca	1721 W. Yosemite Avenue	RCRA NONGEN / NLR

Facility Name	Facility Address	Database
Kaiser Manteca	1721 West Yosemite	RCRA NONGEN / NLR
Kaiser Permanente	1721 W Yosemite Ave	CERS HAZ WASTE,CERS
Kaiser Permanente Medical Office Building Manteca	1721 W Yosemite Avenue	RCRA-LQG
Kaiser Foundation - Manteca	1777 W Yosemite Ave	CERS HAZ WASTE,CERS TANKS,CERS
Kaiser Foundation - Manteca	1777 W Yosemite Ave	AST
Kaiser Permanente Manteca Medical Center	1777 W Yosemte Avenue	RCRA-LQG
St Dominic's Hospital/Manteca	1777 Yosemite Ave	UST
Kaiser Foundation - Manteca	1777 W Yosemite Ave	UST

One of the two other sites listed above consists of a dental office located immediately east of the subject property and was identified by the EDR report as a facility that does not generate hazardous materials. Based on information obtained regarding this other site during this investigation, a VEC originating from this other nearby site or from the site vicinity for the subject property is not likely.

The other facility listed above (with addresses of 1721, 1751 and 1777 West Yosemite Avenue) is located to the north of the subject property across West Yosemite Avenue and consists of Kaiser Permanente Medical facility structures. This medical facility was identified by the EDR report as a site that has an Underground Storage Tank (UST) and was listed as a hazardous waste generator. However, an unauthorized release was not reported for this medical facility property based on the information obtained during this investigation. As such, a VEC originating from this other nearby site for the subject property is not likely.

Furthermore, based on the research performed during this investigation, the immediate and general vicinity of the subject property appears to have been comprised of essentially vacant and/or agricultural land with dispersed residential properties from at least 1937 through 1982 and possibly more recently. Based on the agricultural usage of other nearby properties over an extended period of time, a VEC originating from other nearby properties for the subject site could not be ruled out.

Detailed information with regard to the VES evaluation conducted is presented in a VES summary report presented in Appendix G of this report.

IX. FINDINGS

The following presents our findings based on the work performed during this Phase I ESA:

- The subject property is located within an essentially residential area directly to the south of the intersection of West Yosemite Avenue and St. Dominics Drive, in Manteca, California. The property consists of one parcel of land with the Assessor's Parcel Number (APN) of 222-050-050; measures approximately 392,000 square feet (9.0 acres) of land area in a rectangular-shaped configuration; appears to be relatively flat and has an approximate elevation of 29 feet above mean sea level. The site can be accessed through the northeastern corner of the site through a driveway along the eastern property line. A residential structure that measures approximately 2,500 square

feet of land area and an associated garage/storage/pump house structure are located on the eastern central portion of the site along the eastern property line and can be accessed through the driveway along the eastern property line. The remaining areas of the property consist of vacant land with no structures and have a dirt and grassy surface.

- Based on the historic information obtained during this investigation (including research of Sanborn Maps, Aerial Photographs, regulatory records and city directories), the subject property appears to have been vacant land and/or used for agricultural purposes between 1937 through 1968, and possibly as recently as 2009. A residential structure along with associated outbuildings was located on the eastern central and southeastern portion of the site along the eastern property line from at least 1937 through the present. On September 19, 2023, a representative of KCE Matrix conducted site inspection for the subject property and confirmed that the majority of the property currently consists of vacant land, and a residential structure with an associated garage/storage/pump house was observed to be located on the eastern central portion of the site along the eastern property line.

- As reported in the search of government environmental databases and as presented in Section V-A2 of this report, the subject property is located in a residential area where information related to environmental assessment, remediation and/or management practices is documented for several other properties in the general vicinity of the subject site. More specifically, only two other sites were identified as being located in the immediate site vicinity and consisted of dental office and a hospital (medical facility). The dental office was reported as not being a generator of hazardous waste and no violations were reported. The hospital (medical facility) was reported as having an 8,000-gallon diesel fuel UST, but an unauthorized release originating from this facility was not reported. Based on the information obtained during this investigation and the site vicinity reconnaissance performed, KCE Matrix did not discover or observe subsurface environmental site assessment activity that would indicate potential migration of contamination from other nearby sites towards the subject property.

- Based on the VES conducted during this investigation, a VEC originating from the subject property could not be ruled out. Furthermore, based on the research conducted during this investigation, a VEC originating from other nearby sites in the vicinity for the subject property could not be ruled out.

- KCE Matrix conducted a search of groundwater monitoring data as maintained by the State Water Resources Control Board (SWRCB) – Geotracker database for hydrology information for the site and site vicinity. Based on monitoring data collected from wells located at a site that is approximately 0.16-mile northwest of the subject property, the depth to groundwater was reported to range between 11.29 feet and 12.62 feet below the surface as monitored in January of 2017. Based on monitoring data collected from wells located at a second site that is approximately 0.28-mile west of the subject site, the depth to groundwater in the upper bearing zone was reported to range between 13.05 feet and 16.15 feet below the surface as monitored in June of 2015.

X. SIGNATURE

KCE Matrix appreciates the opportunity to have provided services for this project. Should you have any questions regarding this report and the assessment work performed, please do not hesitate to contact our office at 818-559-5500.

Sincerely,

KCE Matrix, Inc.



Aram B. Kaloustian, P.E.
Project Manager

License No. C52428
Expiration Date: 12/31/2024

XI. QUALIFICATIONS

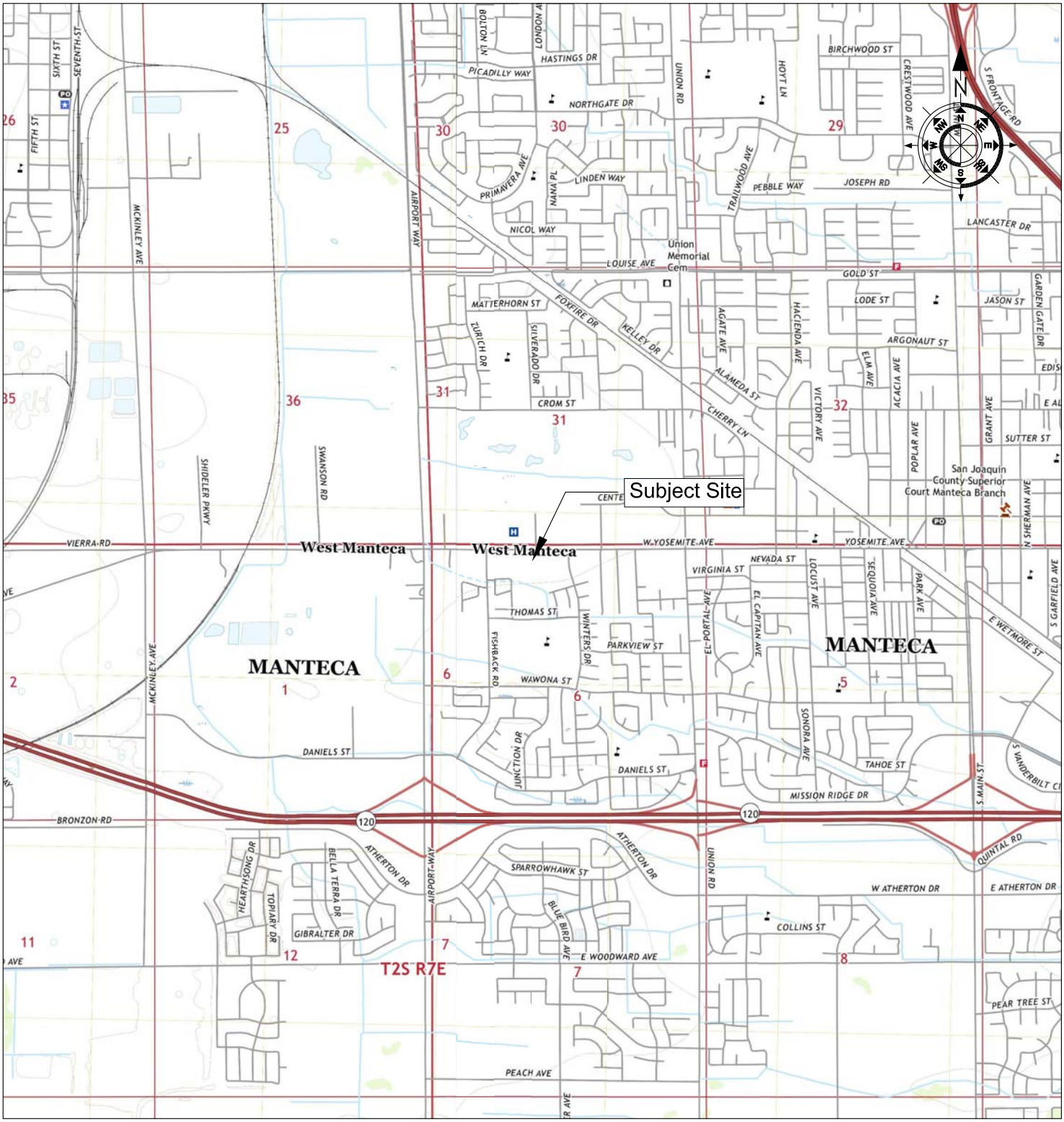
KCE Matrix declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312 and we have the specific qualifications based on education, training, and experience to assess a property 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. Detailed information with regard to the qualifications of the personnel who have worked on this project is presented in Appendix H of this report.

REFERENCES

- USGS Topographic Map 2021 United States Geological Survey: Manteca quadrangle, California
- Regulatory Database Report dated September 13, 2023 from Environmental Data Resources
- Certified Sanborn® Map Report dated September 13, 2023 from Environmental Data Resources
- Aerial Photographs obtained on September 13, 2023 from Environmental Data Resources
- Historical Topographic Maps obtained on September 13, 2023 from Environmental Data Resources
- Historical City Directories obtained on September 15, 2023 from Environmental Data Resources
- Regional Water Quality Control Board (RWQCB), Central Valley Region – File Review Department
- State Water Resources Control Board (SWRCB) – Geotracker Database online
- California State Department of Toxic Substances Control (DTSC) – Berkely Office
- California State DTSC - Envirostor Database online
- California State DTSC - Hazardous Waste Tracking System Database online
- San Joaquin – Environmental Health Department
- City of Manteca Clerk's Office – Fire Department
- City of Manteca Clerk's Office – Building Department
- California Environmental Protection Agency (CalEPA) Database online
- California Geologic Energy Management (CalGEM) Division (formerly known as the Division of Oil, Gas, and Geothermal Resources (DOGGR)) Database online
- National Wetlands Inventory (NWI) was established by the United States (U.S.) Fish and Wildlife Service (Service) in 1974
- Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map and National Flood Hazard Layer (NFHL) Viewer online
- Phase I – User Questionnaire, signed and dated September 14, 2023
- Preliminary Title Report as prepared by First American Title Company, dated August 25, 2023

APPENDIX A

(FIGURES 1 THROUGH 3)



Map Center: Latitude 37.7967, Longitude -121.2451
Subject site is located on the USGS Manteca quadrangle (Map Source Year: 2021)

0 0.5 1.0
Approx. scale Mile

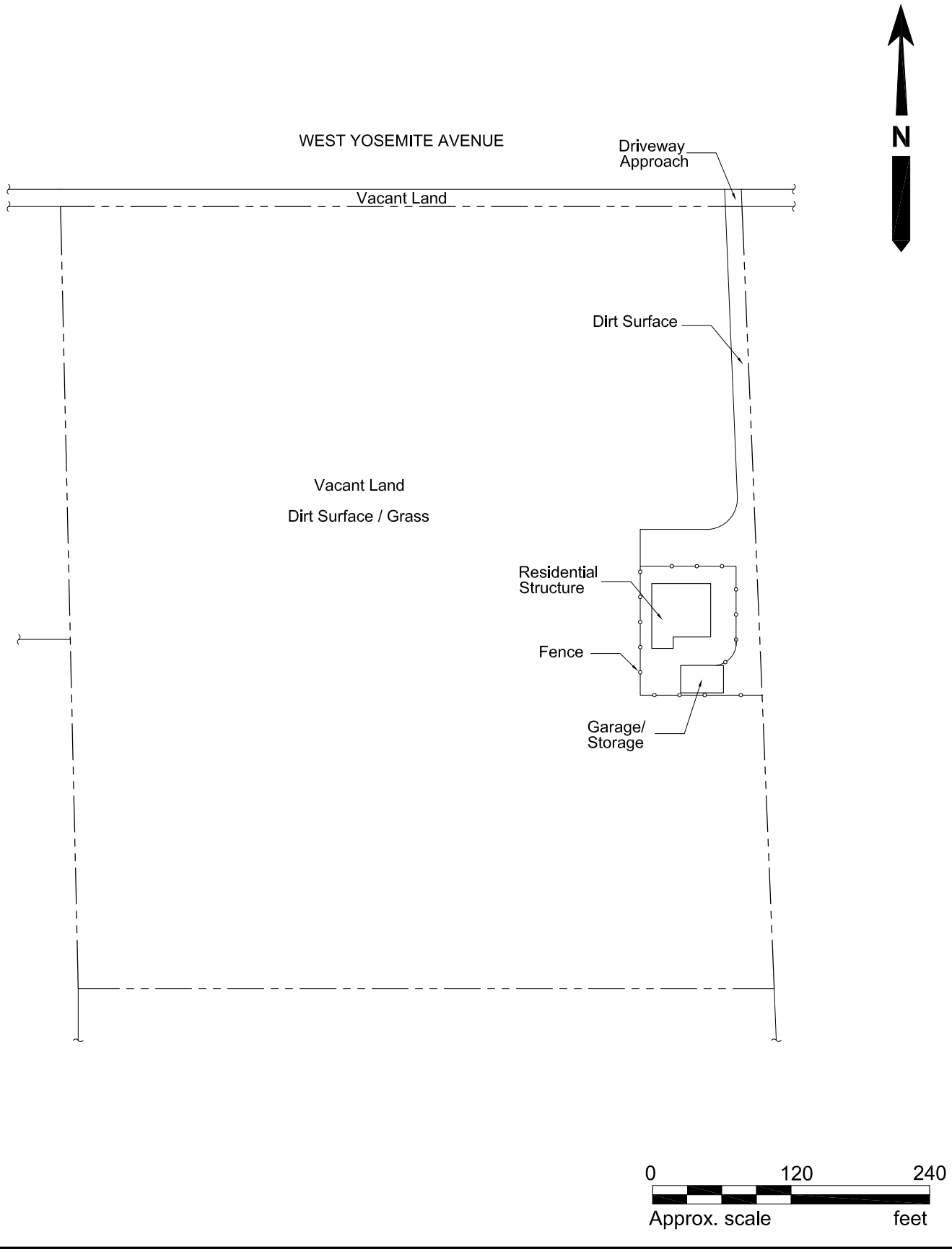
LOCATION MAP

KCE MATRIX
CONSULTING ENGINEERS
STRUCTURAL,CIVIL & ENVIRONMENTAL

VACANT LAND/RESIDENTIAL PROPERTY
1758 WEST YOSEMITE AVENUE
(APN: 222-050-050)
MANTECA, CALIFORNIA

PROJECT ID: KCE-2023-413E

FIGURE 1



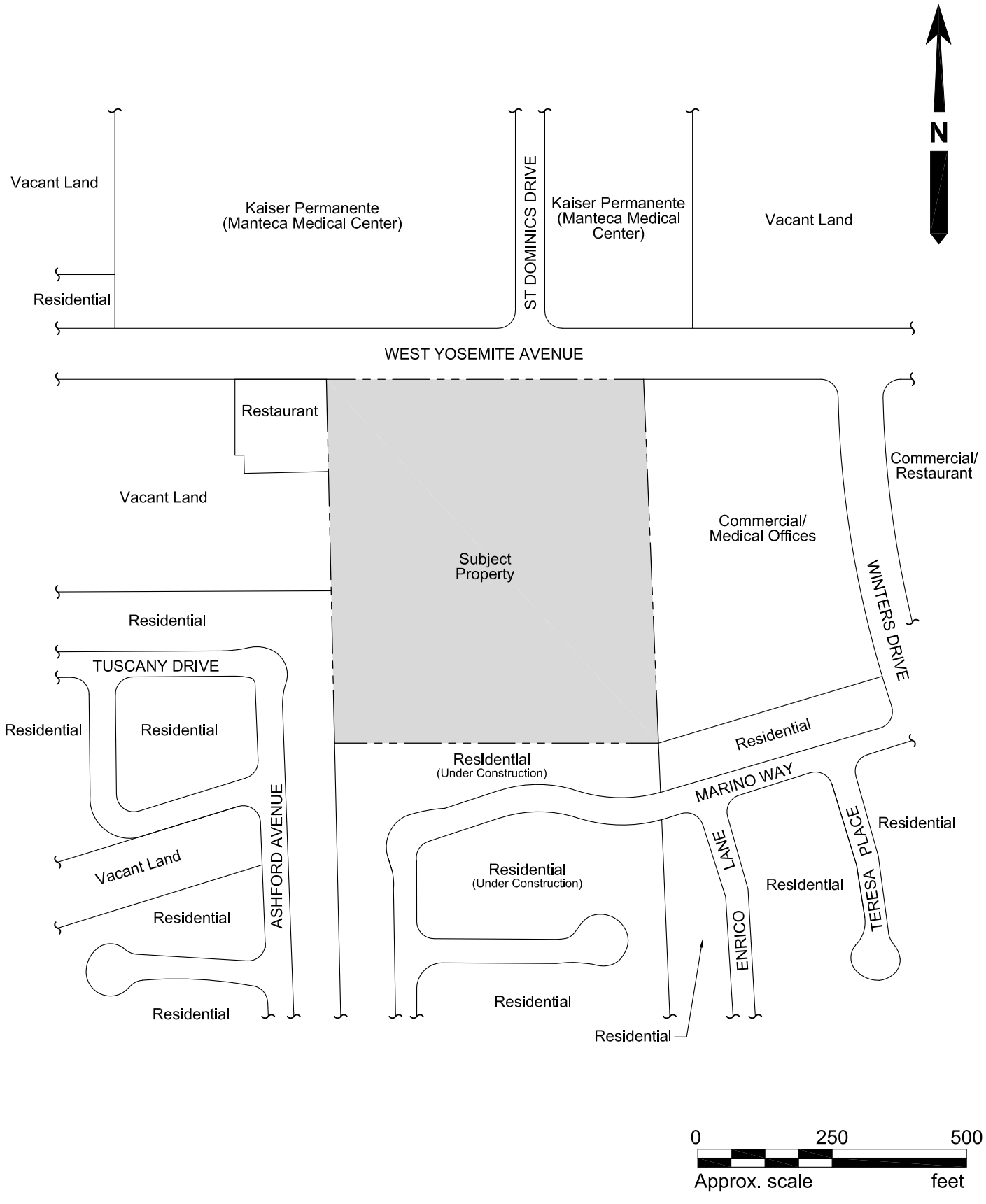
SITE PLAN

KCE MATRIX
CONSULTING ENGINEERS
STRUCTURAL,CIVIL & ENVIRONMENTAL

VACANT LAND/RESIDENTIAL PROPERTY
1758 WEST YOSEMITE AVENUE
(APN: 222-050-050)
MANTECA, CALIFORNIA

PROJECT ID: KCE-2023-413E

FIGURE 2



SITE VICINITY MAP

KCE MATRIX
CONSULTING ENGINEERS
STRUCTURAL,CIVIL & ENVIRONMENTAL

VACANT LAND/RESIDENTIAL PROPERTY
1758 WEST YOSEMITE AVENUE
(APN: 222-050-050)
MANTECA, CALIFORNIA

PROJECT ID: KCE-2023-413E

FIGURE 3

APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC. (EDR)
RADIUS MAP REPORT

Vacant Land/Residential Property
1758 West Yosemite Ave
Manteca, CA 95337

Inquiry Number: 7443926.2s
September 13, 2023

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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1758 WEST YOSEMITE AVE
MANTECA, CA 95337

COORDINATES

Latitude (North):	37.7963470 - 37° 47' 46.84''
Longitude (West):	121.2449340 - 121° 14' 41.76''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	654525.2
UTM Y (Meters):	4184465.2
Elevation:	29 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12008736 MANTECA, CA
Version Date:	2018
West Map:	12008720 LATHROP, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200617
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1758 WEST YOSEMITE AVE
MANTECA, CA 95337

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BETHEL KIDS DENTAL M	1660 W YOSEMITE AVE	RCRA NonGen / NLR	Higher	40, 0.008, ESE
A2	ST. DOMINIC'S HOSPIT	1751 W YOSEMITE AVE	CA FID UST	Lower	112, 0.021, NW
A3	ST. DOMINIC'S HOSPIT	1751 W YOSEMITE AVE	SWEEPS UST	Lower	112, 0.021, NW
B4	KAISER MANTECA	1721 W. YOSEMITE AVE	RCRA NonGen / NLR	Lower	122, 0.023, NNE
B5	KAISER MANTECA	1721 WEST YOSEMITE	RCRA NonGen / NLR	Lower	122, 0.023, NNE
B6	KAISER PERMANENTE	1721 W YOSEMITE AVE	CERS HAZ WASTE, CERS	Lower	122, 0.023, NNE
B7	KAISER PERMANENTE ME	1721 W YOSEMITE AVEN	RCRA-LQG	Lower	122, 0.023, NNE
A8	KAISER FOUNDATION -	1777 W YOSEMITE AVE	CERS HAZ WASTE, CERS TANKS, CERS	Lower	129, 0.024, NW
A9	KAISER FOUNDATION -	1777 W YOSEMITE AVE	AST	Lower	208, 0.039, NNW
A10	KAISER PERMANENTE MA	1777 W YOSEMTE AVENU	RCRA-LQG	Lower	208, 0.039, NNW
A11	ST DOMINIC'S HOSPITA	1777 YOSEMITE AVE	UST	Lower	208, 0.039, NNW
A12	KAISER FOUNDATION -	1777 W YOSEMITE AVE	UST	Lower	208, 0.039, NNW
13	JOHN C. TRUEB DDS	165 SAINT DOMINIC DR	RCRA NonGen / NLR	Lower	588, 0.111, NNW
14	JOHN'S MOBILE	1575 MARINO CT	RCRA NonGen / NLR	Higher	591, 0.112, ESE
C15	SIERRA HIGH SCHOOL P	1700 THOMAS STREET	CERS HAZ WASTE, HAZNET, NPDES, CIWQS, CERS, HWTS	Higher	630, 0.119, South
C16	MANTECA UNIFIED SCHO	1700 THOMAS ST	RCRA NonGen / NLR	Higher	630, 0.119, South
17	HEDEGUARD, SANDY	1919 W YOSEMITE AVE	UST	Lower	733, 0.139, WNW
18	BURNS GAS MART	1554 W YOSEMITE	HIST UST	Higher	821, 0.155, ENE
D19	TED PETERS TRUCKING	1985 W YOSEMITE AVE	UST	Lower	1047, 0.198, WNW
D20	TED PETERS TRUCKING	1985 YOSEMITE AVE W	LUST, CPS-SLIC, Cortese, HIST CORTESE, CERS	Lower	1047, 0.198, WNW
D21	TED PETERS TRUCKING	1985 W YOSEMITE	CPS-SLIC, SWEEPS UST, CA FID UST, CERS	Lower	1047, 0.198, WNW
E22	GOODWILL INDUSTRIES	1477 W YOSEMITE AVE	CERS HAZ WASTE, HWTS	Higher	1155, 0.219, ENE
E23	GOODWILL INDUSTRIES	1477 W YOSEMITE AVE	RCRA NonGen / NLR	Higher	1155, 0.219, ENE
24	JACKPOT FOOD MART	1434 W YOSEMITE AVE	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Higher	1461, 0.277, East
F25	GO GREEN RECYCLING I	2066 W YOSEMITE AVE	SWRCY, NPDES	Lower	1525, 0.289, West
26	SATELLITE HOUSING	280 AND 282 N. AIRPO	ENVIROSTOR, VCP	Lower	1607, 0.304, NW
F27	FRANK'S EXXON #3	2072 YOSEMITE	LUST, Cortese, HIST CORTESE	Lower	1635, 0.310, West
28	CHEVRON #9-1848	1257 YOSEMITE	LUST, Cortese, HIST CORTESE, CERS	Higher	2234, 0.423, ENE
29	NUR-AL-HUDA ACADEMY	1085 SOUTH UNION ROA	RESPONSE, ENVIROSTOR, LIENS	Higher	3526, 0.668, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

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

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Land Records

LIENS ..... Environmental Liens Listing

LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing

EXECUTIVE SUMMARY

PFAS WQP - Ambient Environmental Sampling for PFAS
PFAS NPDES - Clean Water Act Discharge Monitoring Information
PFAS ECHO - Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING - Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT - All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC - Aqueous Foam Related Incidents Listing
PFAS - PFAS Contamination Site Location Listing
AQUEOUS FOAM - Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
ICE - Inspection, Compliance and Enforcement
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
HAZNET - Facility and Manifest Data
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
HAZMAT - Hazardous Material Facilities
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
CERS - CERS
NON-CASE INFO - NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS - OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS - PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT - SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ - Well Stimulation Project (GEOTRACKER)
PFAS TRIS - List of PFAS Added to the TRI
BIOSOLIDS - ICIS-NPDES Biosolids Facility Data
HWTS - Hazardous Waste Tracking System
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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 07/24/2023 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER PERMANENTE ME EPA ID:: CAR000309146	1721 W YOSEMITE AVEN	NNE 0 - 1/8 (0.023 mi.)	B7	27
KAISER PERMANENTE MA EPA ID:: CAR000157727	1777 W YOSEMTE AVENU	NNW 0 - 1/8 (0.039 mi.)	A10	47

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NUR-AL-HUDA ACADEMY	***1085 SOUTH UNION ROA***	***SE 1/2 - 1 (0.668 mi.)***	***29***	***148***
Database: RESPONSE, Date of Government Version: 04/24/2023 Status: Certified Facility Id: 60002130 Facility Id: 60000746				

Lists of state- and tribal hazardous waste facilities

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/24/2023 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NUR-AL-HUDA ACADEMY	***1085 SOUTH UNION ROA***	***SE 1/2 - 1 (0.668 mi.)***	***29***	***148***
Facility Id: 60002130				
Facility Id: 60000746				
Status: Certified				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SATELLITE HOUSING	***280 AND 282 N. AIRPO***	***NW 1/4 - 1/2 (0.304 mi.)***	***26***	***115***
Facility Id: 60000626				
Status: Inactive - Action Required				

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKPOT FOOD MART	***1434 W YOSEMITE AVE***	***E 1/4 - 1/2 (0.277 mi.)***	***24***	***104***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/05/2023				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0607700531				
CHEVRON #9-1848	***1257 YOSEMITE***	***ENE 1/4 - 1/2 (0.423 mi.)***	***28***	***145***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/05/2023				
Status: Completed - Case Closed				
Status: Leak being confirmed				
Global Id: T0607700493				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TED PETERS TRUCKING	***1985 YOSEMITE AVE W***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D20***	***93***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 06/05/2023				

Status: Completed - Case Closed
Status: Case Closed
Global Id: T0607700217

FRANK'S EXXON #3 ***2072 YOSEMITE*** ***W 1/4 - 1/2 (0.310 mi.)*** ***F27*** ***118***
Database: LUST REG 5, Date of Government Version: 07/01/2008
Database: LUST, Date of Government Version: 06/05/2023
Status: Open - Verification Monitoring
Status: Leak being confirmed
Global Id: T0607700558

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TED PETERS TRUCKING	***1985 YOSEMITE AVE W***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D20***	***93***
Database: SLIC REG 5, Date of Government Version: 04/01/2005				
TED PETERS TRUCKING	***1985 W YOSEMITE***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D21***	***97***
Database: CPS-SLIC, Date of Government Version: 06/05/2023				
Facility Status: Completed - Case Closed				
Global Id: SL372563620				

Lists of state and tribal registered storage tanks

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

A review of the UST list, as provided by EDR, has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST DOMINIC'S HOSPITA	1777 YOSEMITE AVE	NNW 0 - 1/8 (0.039 mi.)	A11	61
Database: UST, Date of Government Version: 06/05/2023				
Facility Id: FA0003978				
KAISER FOUNDATION -	1777 W YOSEMITE AVE	NNW 0 - 1/8 (0.039 mi.)	A12	62
Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018				
Database: UST, Date of Government Version: 06/05/2023				
Tank Status: 01 - Active, billable				
Facility Id: FA0003978				
Facility Id: 00 FA0003978				
HEDEGUARD, SANDY	1919 W YOSEMITE AVE	WNW 1/8 - 1/4 (0.139 mi.)	17	91
Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018				
Tank Status: 02 - Inactive, non-billable				

Facility Id: FA0012070

TED PETERS TRUCKING — 1985 W YOSEMITE AVE — WNW 1/8 - 1/4 (0.198 mi.) — D19 — 93
Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018
Tank Status: 02 - Inactive, non-billable
Facility Id: FA0003996

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION -	1777 W YOSEMITE AVE	NNW 0 - 1/8 (0.039 mi.)	A9	47
Database: AST, Date of Government Version: 07/06/2016				

Lists of state and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 04/24/2023 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SATELLITE HOUSING	***280 AND 282 N. AIRPO***	***NW 1/4 - 1/2 (0.304 mi.)***	***26***	***115***
Status: Inactive - Action Required				
Facility Id: 60000626				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/02/2023 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GO GREEN RECYCLING I	***2066 W YOSEMITE AVE***	***W 1/4 - 1/2 (0.289 mi.)***	***F25***	***114***
Cert Id: RC14783				

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/17/2023 has revealed that there are 4 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIERRA HIGH SCHOOL P	***1700 THOMAS STREET***	***S 0 - 1/8 (0.119 mi.)***	***C15***	***68***
GOODWILL INDUSTRIES	***1477 W YOSEMITE AVE***	***ENE 1/8 - 1/4 (0.219 mi.)***	***E22***	***99***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
KAISER PERMANENTE	***1721 W YOSEMITE AVE***	***NNE 0 - 1/8 (0.023 mi.)***	***B6***	***20***
KAISER FOUNDATION -	***1777 W YOSEMITE AVE***	***NW 0 - 1/8 (0.024 mi.)***	***A8***	***31***

Local Lists of Registered Storage Tanks

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST. DOMINIC'S HOSPIT Status: A Tank Status: A Comp Number: 2397	1751 W YOSEMITE AVE	NW 0 - 1/8 (0.021 mi.)	A3	11
TED PETERS TRUCKING Status: A Tank Status: A Comp Number: 1427	***1985 W YOSEMITE***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D21***	***97***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURNS GAS MART Facility Id: 00000018913	1554 W YOSEMITE	ENE 1/8 - 1/4 (0.155 mi.)	18	92

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST. DOMINIC'S HOSPIT Facility Id: 39004260 Status: A	1751 W YOSEMITE AVE	NW 0 - 1/8 (0.021 mi.)	A2	11
TED PETERS TRUCKING Facility Id: 39000228 Status: A	***1985 W YOSEMITE***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D21***	***97***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 04/17/2023 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER FOUNDATION -	***1777 W YOSEMITE AVE***	***NW 0 - 1/8 (0.024 mi.)***	***A8***	***31***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BETHEL KIDS DENTAL M EPA ID:: CAL000475068	1660 W YOSEMITE AVE	ESE 0 - 1/8 (0.008 mi.)	1	9
JOHN'S MOBILE EPA ID:: CAL000368337	1575 MARINO CT	ESE 0 - 1/8 (0.112 mi.)	14	65
MANTECA UNIFIED SCHO EPA ID:: CAL000229766	1700 THOMAS ST	S 0 - 1/8 (0.119 mi.)	C16	89
GOODWILL INDUSTRIES EPA ID:: CAL000456979	1477 W YOSEMITE AVE	ENE 1/8 - 1/4 (0.219 mi.)	E23	102

Lower Elevation	Address	Direction / Distance	Map ID	Page
KAISER MANTECA EPA ID:: CAL000249558	1721 W. YOSEMITE AVE	NNE 0 - 1/8 (0.023 mi.)	B4	12
KAISER MANTECA	1721 WEST YOSEMITE	NNE 0 - 1/8 (0.023 mi.)	B5	17

EPA ID:: CAL000249557

JOHN C. TRUEB DDS EPA ID:: CAL000137802	165 SAINT DOMINIC DR	NNW 0 - 1/8 (0.111 mi.)	13	63

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/14/2023 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKPOT FOOD MART Cleanup Status: COMPLETED - CASE CLOSED	***1434 W YOSEMITE AVE***	***E 1/4 - 1/2 (0.277 mi.)***	***24***	***104***
CHEVRON #9-1848 Cleanup Status: COMPLETED - CASE CLOSED	***1257 YOSEMITE***	***ENE 1/4 - 1/2 (0.423 mi.)***	***28***	***145***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TED PETERS TRUCKING Cleanup Status: COMPLETED - CASE CLOSED	***1985 YOSEMITE AVE W***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D20***	***93***
FRANK'S EXXON #3 Cleanup Status: OPEN - VERIFICATION MONITORING	***2072 YOSEMITE***	***W 1/4 - 1/2 (0.310 mi.)***	***F27***	***118***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACKPOT FOOD MART Reg Id: 390684	***1434 W YOSEMITE AVE***	***E 1/4 - 1/2 (0.277 mi.)***	***24***	***104***
CHEVRON #9-1848 Reg Id: 390633	***1257 YOSEMITE***	***ENE 1/4 - 1/2 (0.423 mi.)***	***28***	***145***

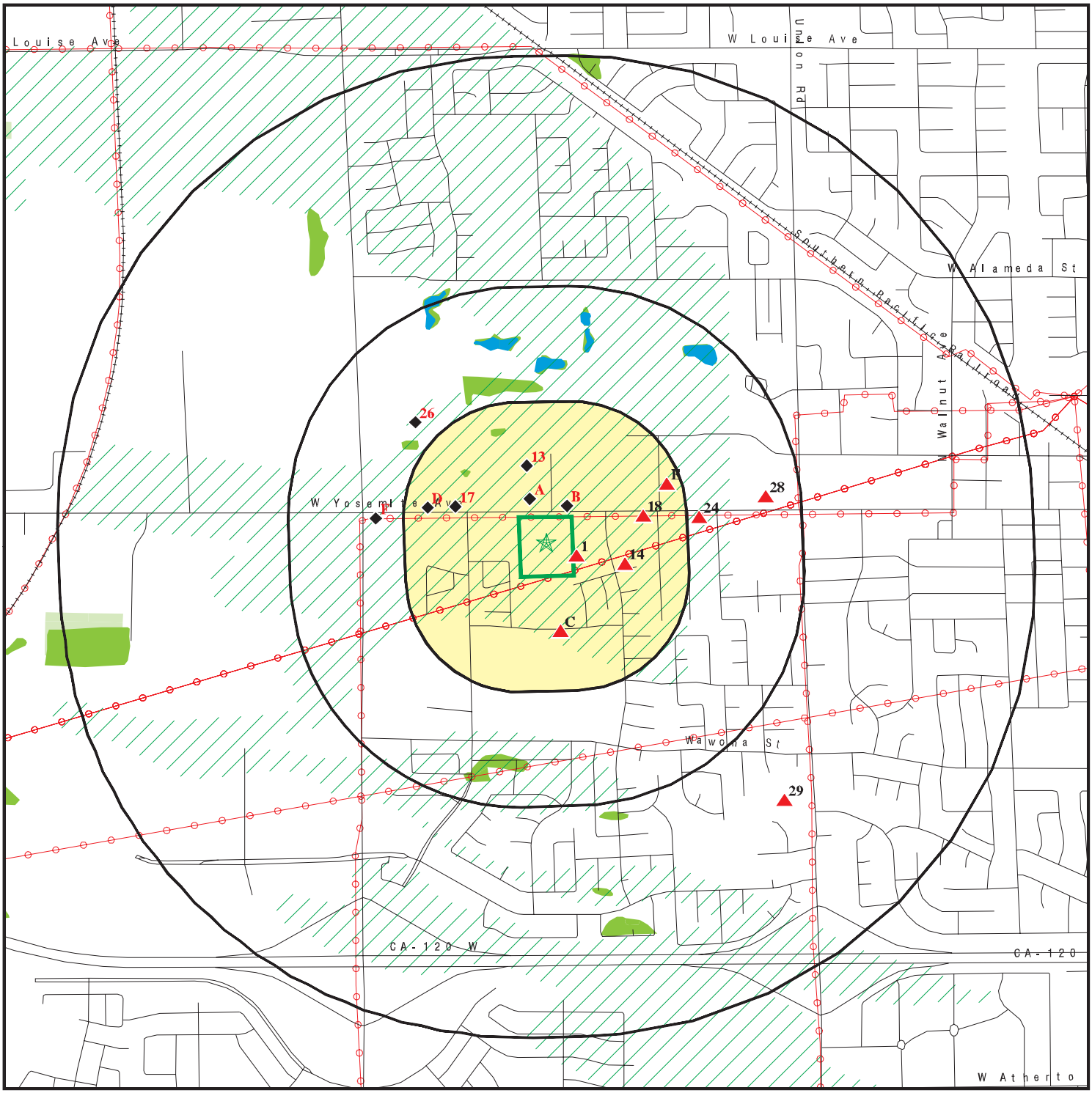
Lower Elevation	Address	Direction / Distance	Map ID	Page
TED PETERS TRUCKING Reg Id: 390295	***1985 YOSEMITE AVE W***	***WNW 1/8 - 1/4 (0.198 mi.)***	***D20***	***93***
FRANK'S EXXON #3 Reg Id: 390720	***2072 YOSEMITE***	***W 1/4 - 1/2 (0.310 mi.)***	***F27***	***118***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SPRECKELS SUGAR COMPANY, INC.	ENVIROSTOR

OVERVIEW MAP - 7443926.2S



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 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

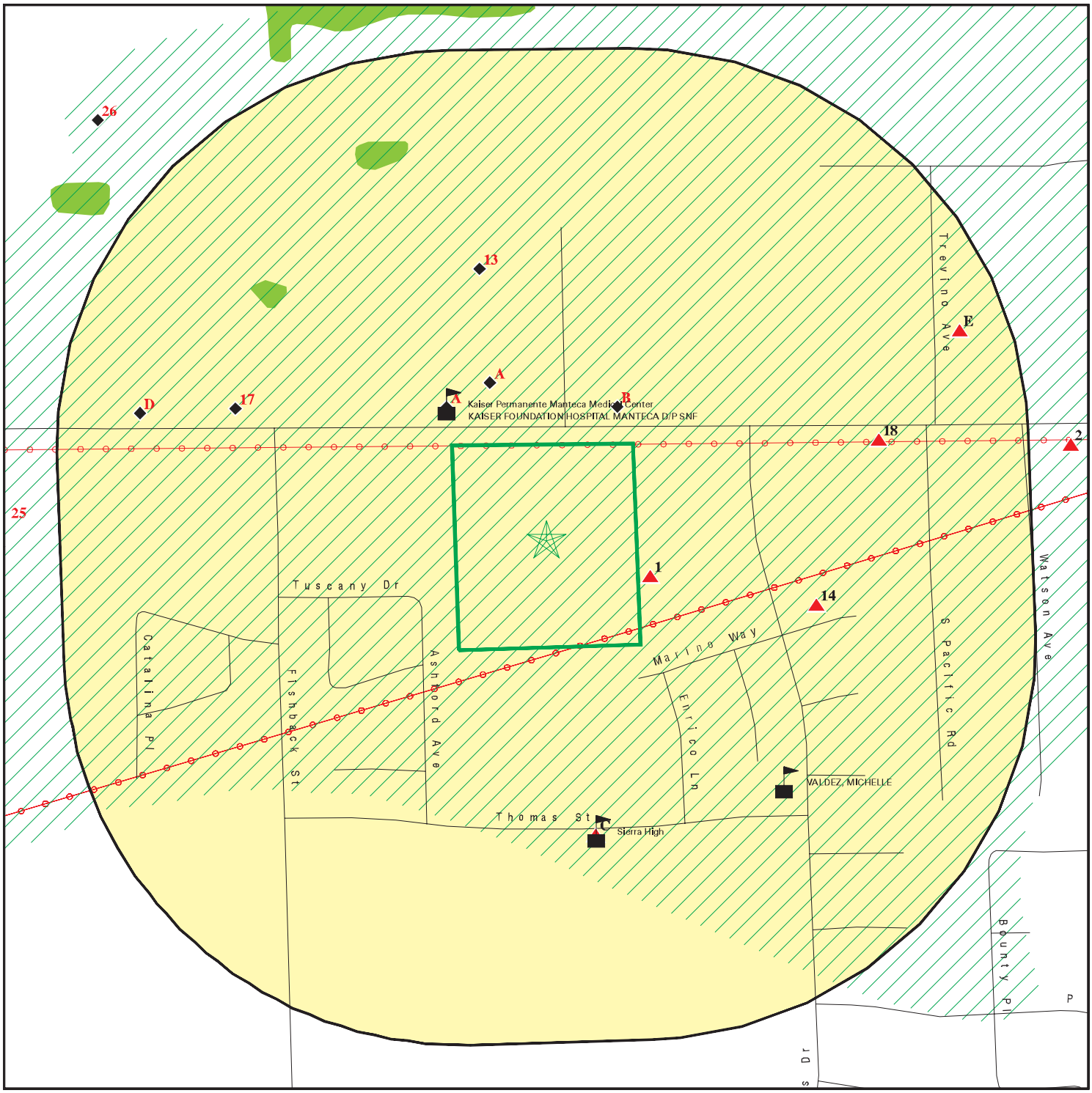
N

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

SITE NAME:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
LAT/LONG:	37.796347 / 121.244934	INQUIRY #:	7443926.2s
		DATE:	September 13, 2023 6:58 pm

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DETAIL MAP - 7443926.2S



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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SITE NAME:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
		INQUIRY #:	7443926.2s
LAT/LONG:	37.796347 / 121.244934	DATE:	September 13, 2023 6:59 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	1	NR	1
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	1	1	NR	2
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	1	3	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	2	0	NR	NR	2
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	2	NR	NR	NR	4
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		3	1	NR	NR	NR	4
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		1	1	NR	NR	NR	2
CERS TANKS	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		6	1	NR	NR	NR	7
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	1	3	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	3	NR	NR	4
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	17	12	12	2	0	43

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ESE
< 1/8
0.008 mi.
40 ft.

BETHEL KIDS DENTAL MANTELU
1660 W YOSEMITE AVE STE #1
MANTECA, CA 95337

RCRA NonGen / NLR **1027528839** **CAL000475068**

Relative:
Higher

Actual:
29 ft.

RCRA Listings:

Date Form Received by Agency:	20221206
Handler Name:	Bethel Kids Dental Mantelu
Handler Address:	1660 W YOSEMITE AVE STE #1
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000475068
Contact Name:	VICTORIA ROBERTSON
Contact Address:	1660 W YOSEMITE AVE STE #1
Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	209-279-0380
Contact Fax:	209-500-1912
Contact Email:	BKDMANTECA@BETHELKIDSDENTAL.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:	1660 W YOSEMITE AVE STE #1
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Ronaldo Opinga
Owner Type:	Other
Operator Name:	Victoria Robertson
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

BETHEL KIDS DENTAL MANTELU (Continued) **1027528839**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221213
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: RONALDO OPINGA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1660 W YOSEMITE AVE STE #1
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-500-1910
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: VICTORIA ROBERTSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1660 W YOSEMITE AVE STE #1
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-279-0380
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20221206
Handler Name: BETHEL KIDS DENTAL MANTELU	
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

BETHEL KIDS DENTAL MANTELU (Continued) **1027528839**

List of NAICS Codes and Descriptions:
NAICS Code: 621210
NAICS Description: OFFICES OF DENTISTS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **ST. DOMINIC'S HOSPITAL** **CA FID UST** **S101593522**
NW **1751 W YOSEMITE AVE** **N/A**
< 1/8 **MATNECA, CA 95336**
0.021 mi.
112 ft. **Site 1 of 7 in cluster A**

Relative: **Lower**
Actual: **28 ft.**

CA FID UST:
Facility ID: 39004260
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098254902
Mail To: Not reported
Mailing Address: 1805 N CALIFORNIA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: MATNECA 95336
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A3 **ST. DOMINIC'S HOSPITAL** **SWEEPS UST** **S106932499**
NW **1751 W YOSEMITE AVE** **N/A**
< 1/8 **MANTECA, CA 95336**
0.021 mi.
112 ft. **Site 2 of 7 in cluster A**

Relative: **Lower**
Actual: **28 ft.**

SWEEPS UST:
Name: ST. DOMINIC'S HOSPITAL
Address: 1751 W YOSEMITE AVE
City: MANTECA
Status: Active
Comp Number: 2397
Number: 1
Board Of Equalization: 44-025023
Referral Date: 11-18-92
Action Date: 11-18-92
Created Date: 07-31-89
Owner Tank Id: 001
SWRCB Tank Id: 39-000-002397-000001

ST. DOMINIC'S HOSPITAL (Continued) **S106932499**

Tank Status:	A
Capacity:	8000
Active Date:	11-18-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

B4 **KAISER MANTECA** **RCRA NonGen / NLR** **1024802829**
NNE **1721 W. YOSEMITE AVENUE** **CAL000249558**
< 1/8 **MANTECA, CA 94337**
0.023 mi.
122 ft. **Site 1 of 4 in cluster B**

Relative: **Lower**
Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20221006
Handler Name:	Kaiser Manteca
Handler Address:	W. YOSEMITE AVENUE
Handler City,State,Zip:	MANTECA, CA 94337
EPA ID:	CAL000249558
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W. YOSEMITE AVENUE
Contact City,State,Zip:	MANTECA, CA 94337
Contact Telephone:	209-275-9160
Contact Fax:	Not reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS LEADER/SAFETY OFFICER
EPA Region:	09
Land Type:	Private
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:	W. YOSEMITE AVENUE
Mailing City,State,Zip:	MANTECA, CA 94337
Owner Name:	Kaiser Foundation Health Plan Inc
Owner Type:	Private
Operator Name:	Kaiser Foundation Health Plan 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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

KAISER MANTECA (Continued) **1024802829**

Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221011
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: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

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:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011

KAISER MANTECA (Continued) **1024802829**

Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D024
Waste Description: M-Cresol

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U188
Waste Description: Phenol

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN INC
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN INC
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OALAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN INC
Legal Status: Private

KAISER MANTECA (Continued) **1024802829**

Date Became Current:	19980604
Date Ended Current:	Not reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OALAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OALAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

KAISER MANTECA (Continued) **1024802829**

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN INC
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Historic Generators:

Receive Date: 20180327
Handler Name: KAISER MANTECA
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: No
Electronic Manifest Broker: No

Receive Date: 20200228
Handler Name: KAISER MANTECA
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: No
Electronic Manifest Broker: Yes

Receive Date: 20220802
Handler Name: KAISER MANTECA
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: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: Yes

Receive Date: 20221006
Handler Name: KAISER MANTECA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

KAISER MANTECA (Continued) **1024802829**

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:	621491
NAICS Description:	HMO MEDICAL CENTERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B5 **KAISER MANTECA** **RCRA NonGen / NLR** **1024802828**
NNE **1721 WEST YOSEMITE** **CAL000249557**
< 1/8 **MANTECA, CA 95337**
0.023 mi.
122 ft. **Site 2 of 4 in cluster B**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20220809
Handler Name:	Kaiser Manteca
Handler Address:	WEST YOSEMITE
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000249557
Contact Name:	CHANDRA BUCHANAN
Contact Address:	DALE ROAD
Contact City,State,Zip:	MODESTO, CA 95356
Contact Telephone:	209-275-9160
Contact Fax:	Not reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS PRACTICE LEADER
EPA Region:	09
Land Type:	Private
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:	WEST YOSEMITE
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Kaiser Foundation Health Plan, Inc
Owner Type:	Private
Operator Name:	Kaiser Foundation Health Plan, Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

KAISER MANTECA (Continued) **1024802828**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220811
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: KAISER PERMANENTE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	ONE KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612-3610
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: MATTHEW HURAY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

KAISER MANTECA (Continued) **1024802828**

Owner/Operator Address: 1800 HARRISON ST
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 301-625-7462
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN, INC
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612-3610
Owner/Operator Telephone: 510-625-4737
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MATTHEW.J.HURAY@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN, INC
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1800 HARRISON ST
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 301-625-7462
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MATTHEW.J.HURAY@KP.ORG

Historic Generators:
Receive Date: 20220809
Handler Name: KAISER MANTECA
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

Receive Date: 20020408
Handler Name: KAISER MANTECA
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

KAISER MANTECA (Continued) **1024802828**

List of NAICS Codes and Descriptions:
NAICS Code: 331524
NAICS Description: ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

NAICS Code: 62111
NAICS Description: OFFICES OF PHYSICIANS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B6 **KAISER PERMANENTE** **CERS HAZ WASTE** **S121741949**
NNE **1721 W YOSEMITE AVE** **CERS** **N/A**
< 1/8 **MANTECA, CA 95337**
0.023 mi.
122 ft. **Site 3 of 4 in cluster B**

Relative:
Lower

Actual:
28 ft.

CERS HAZ WASTE:
Name: KAISER PERMANENTE
Address: 1721 W YOSEMITE AVE
City,State,Zip: MANTECA, CA 95337
Site ID: 127158
CERS ID: 10184533
CERS Description: Hazardous Waste Generator

CERS:
Name: KAISER PERMANENTE
Address: 1721 W YOSEMITE AVE
City,State,Zip: MANTECA, CA 95337
Site ID: 127158
CERS ID: 10184533
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 127158
Site Name: KAISER PERMANENTE
Violation Date: 07-20-2017
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 08/18/2017. A site map was not complete as part of the business plan. The site map is missing emergency response equipment locations, storm drain locations, evacuation staging area, and adjacent strees. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP

KAISER PERMANENTE (Continued) **S121741949**

Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
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 06/16/2015. One 5-gallon container located in the outpatient pharmacy area lacked composition (contents) . All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date This container was labeled with all the required information at the time of inspection. This is a repeat violation, which was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 03/10/2020. 1) No waste analysis/ determination was available for empty Warfarin blister packs, which according to the "P-Listed Pharmaceuticals and P-listed Empty Container Management" fact sheet posted on the wall of the Outpatient Pharmacy are to be "discard[ed] into solid waste or recycle[ed]". According to the pharmacy manager, this facility dispenses Warfarin in all concentrations from 1 to 10 mg. The posted fact sheet is unclear with regards to its applicability, and does not explain to which blister packs it pertains to (for example: dispensed blister packs, returned or expired blister packs), also it is unclear whether or not these discarded packs are being checked for presence of any visible Warfarin residue prior to disposal. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. I
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	07-20-2017
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 hazardous material inventory information for all reportable hazardous materials on site

KAISER PERMANENTE (Continued) **S121741949**

	at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/18/2017. 1960 cubic feet of compressed oxygen were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	03-10-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The following open hazardous waste storage containers were observed on-site: - Located in the Pediatrics Department: 1. A black container with a white lid and storing aerosols (see photos IMG 1218-20) - Located in the Adult Family Medicine Soiled Utility Room: 2. A black container with a white lid and storing Monsel's Paste, ferric subsulfate (IMG 1224-6). 3. A black container with a white lid and storing Cardinal Health Hot Packs and Infant Heel Warmers (IMG 1227-8). 4. A black container with a white lid and storing silver nitrate and potassium nitrate (IMG 1229-1231). 5. A black container with a white lid and storing acetic acid 4% (IMG 1232-4). 6. A black container with a clear lid, labeled as storing "expired supp," and contained several waste items, including one labeled "BD Universal Viral Transport for Viruses, Chlamydiae, Mycoplasmas and Ureaplasmas" (IMG 1238-9). 7. A black container with a clear lid and storing hydrogen peroxide (IMG 1240-1) REGUL
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/19/2020. OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: - Located in the Pharmacy: 1. A black container with a white lid was missing the hazardous properties and the composition

KAISER PERMANENTE (Continued) **S121741949**

(contents) (see photos IMG 1213-4). 2. A black container with a clear lid was missing the composition (contents) (IMG 1215-6). 3. A black container with a white lid was missing the composition (contents) (IMG 1217). - Located in the Pediatrics Department: 4. A black container with a white lid and storing aerosols, was missing the hazardous properties (IMG 1218-20) - Located in the Adult Family Medicine Soiled Utility Room: 5. A black container with a white lid storing silver nitrate sticks was incorrectly marked as flammable, corrosive, and reactive for the hazardous properties (IMG 1221-3). According to a hazardous waste labeling guidance document, posted in the room, silver nitrate sticks are to be marked as an oxidizer. 6. A black containe

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 127158
Site Name: KAISER PERMANENTE
Violation Date: 06-16-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 07/17/2015. Copies of uniform manifests for the disposal of warfarin/coumadin hazardous waste were not found on site. Warfarin/coumadin is being supplied/dispensed at this location. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. Immediately locate a copies of all manifests and receipts related to the disposal of above noted waste, maintain them on site, and submit copies to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 127158
Site Name: KAISER PERMANENTE
Violation Date: 06-16-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/17/2015. One 1-gallon container located inside the OB area did not have an initial start date marked. The initial date of waste accumulation shall be clearly marked and visible for inspection on each container used for satellite accumulation of hazardous waste. Since it cannot be determined how long this waste has been stored on site, immediately mark this container with today's date and contact a licensed hazardous waste hauler to dispose of this waste under manifest as appropriate, provide proof of correction to the EHD.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-30-2013
Violations Found: No

KAISER PERMANENTE (Continued) **S121741949**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the day of inspection. A complete report was finished on 4/8/2020 and replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 5/8/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Hazardous Waste Minimum Labeling Requirements guidance sheet, List of Free CUPA Training Classes Waste streams found: electronics duster aerosol cans, Cardinal Health Infant Heel Warmer, Cardinal Health Hot Pack, acetic acid 4%; expired supplies- BD univeral vir
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Provide DA Investigator access to EHD waste site for dumpster dive waste storage.
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: THIS IS A REVISED REPORT ISSUED ON JULY 7, 2015 AND IT SUPERSEDES ALL PREVIOUSLY ISSUED REPORTS. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 30-DAYS FROM RECEIPT OF THIS REPORT. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous waste activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

KAISER PERMANENTE (Continued) **S121741949**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 8/19/2017. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 127158
Site Name: KAISER PERMANENTE
Site Address: 1721 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 06-16-2015
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: San Joaquin County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 127158
Site Name: KAISER PERMANENTE
Site Address: 1721 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 07-20-2017
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: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 127158
Facility Name: KAISER PERMANENTE
Env Int Type Code: HWG
Program ID: 10184533
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.798360
Longitude: -121.244140

Affiliation:
Affiliation Type Desc: Identification Signer

KAISER PERMANENTE (Continued) **S121741949**

Entity Name:	Chandra Buchanan
Entity Title:	Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Engineering Department
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:	(209) 825-3700,
Affiliation Type Desc:	Property Owner
Entity Name:	The Permanente Medical Group
Entity Title:	Not reported
Affiliation Address:	1800 Harrison Street, 7th floor
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 625-4737,
Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95337
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Chandra Buchanan
Entity Title:	Not reported
Affiliation Address:	4601 Dale Road
Affiliation City:	Modesto
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95356

KAISER PERMANENTE (Continued) **S121741949**

Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: The Permanente Medical Group
Entity Title: Not reported
Affiliation Address: 1800 Harrison Street, 7th Floor
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 625-4737,

Affiliation Type Desc: Document Preparer
Entity Name: Chandra Buchanan, Safety Operations Practice Leader
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Kaiser Permanente
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: ,

B7 **KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA** **RCRA-LQG** **1026493994**
NNE **1721 W YOSEMITE AVENUE** **CAR000309146**
< 1/8 **MANTECA, CA 95337**
0.023 mi.
122 ft. **Site 4 of 4 in cluster B**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20220301
Handler Name:	Kaiser Permanente Medical Office Building Manteca
Handler Address:	W YOSEMITE AVENUE
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAR000309146
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W YOSEMITE AVENUE
Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	209-275-9160
Contact Fax:	Not reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS PRACTICE LEADER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA (Continued) **1026493994**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	W YOSEMITE AVENUE
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Kaiser Foundation Health Plan, Inc.
Owner Type:	Private
Operator Name:	Kaiser Foundation Health Plan, 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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220401
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:	2021

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA (Continued) **1026493994**

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D005
Waste Description: Barium

Waste Code: D007
Waste Description: Chromium

Waste Code: D009
Waste Description: Mercury

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D013
Waste Description: Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)

Waste Code: D024
Waste Description: M-Cresol

Waste Code: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: U188
Waste Description: Phenol

Waste Code: U248
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: Not reported

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA (Continued) **1026493994**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 209-275-9160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHANDRA.N.BUCHANAN@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
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: KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status: Private
Date Became Current: 19980604
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 209-275-9160
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHANDRA.N.BUCHANAN@KP.ORG

Historic Generators:
Receive Date: 20220301
Handler Name: KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA
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: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200612
Handler Name: KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA
Federal Waste Generator Description: Large Quantity Generator

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA (Continued) **1026493994**

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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	62111
NAICS Description:	OFFICES OF PHYSICIANS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A8 **KAISER FOUNDATION - MANTECA** **CERS HAZ WASTE** **S121778086**
NW **1777 W YOSEMITE AVE** **CERS TANKS** **N/A**
< 1/8 **MANTECA, CA 95337** **CERS**
0.024 mi.
129 ft. **Site 3 of 7 in cluster A**

Relative: **Lower**

Actual: **28 ft.**

CERS HAZ WASTE:

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Hazardous Waste Generator

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	RCRA LQ HW Generator

CERS TANKS:

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Aboveground Petroleum Storage

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Underground Storage Tank

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

CERS:

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-25-2020
Citation:	23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description:	Failure to submit a copy of the secondary containment test results on the Secondary Containment Testing report Form to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 05/03/2021. OBSERVATION: Secondary containment testing was performed on 4/24/2019 and a test report was submitted on 3/25/2020, ten months late. REGULATION GUIDANCE: A copy of the test report must be submitted within 30 days of the tests. CORRECTIVE ACTION: Take all necessary precautions to ensure testing and submittal of test reports are performed in a timely manner.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-16-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 03/10/2020. 1) No waste analysis/ determination was available for empty Warfarin blister packs, which according to the "P-Listed Pharmaceuticals and P-listed Empty Container Management" fact sheet posted on the wall of the Outpatient Pharmacy are to be "discard[ed] into solid waste or recycle[ed]". According to the pharmacy manager, this facility dispenses Warfarin in all concentrations from 1 to 10 mg. The posted fact sheet is unclear with regards to its applicability, and does not explain to which blister packs it pertains to (for example: dispensed blister packs, returned or expired blister packs), also it is unclear whether or not these discarded packs are being checked for presence of any visible Warfarin residue prior to disposal. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. I
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The following open hazardous waste storage containers were observed on-site: - Located in the 1st Floor ED Overflow area: 1. Two black containers with white lids labeled as containing "most in one" hazardous waste (see photos IMG 1163-7). 2. A back container with a white lid storing silver nitrate stick waste, but labeled as containing hazardous waste aerosols (IMG 1168-70). - Located in the OR Holding area: 3. A black container with a white lid labeled as containing Gemcitabine (IMG 1180-3). 4. A black container with a white lid labeled as containing alcohol prostate wipe packets (IMG 1186). - Located in the Pharmacy: 5. A black container with a white lid storing loose pills, medication/vaccine vials, and two used silver nitrate sticks (IMG 1189-93). - Located in the Environmental Services (EVS) storage room: 6. A black container with a white lid storing what appeared to be chemical containers (IMG 1195, 1198). 7. A black container with a white lid st
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-27-2017
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 06/27/2017. The diesel sump 208 sensor was tilted at an angle on top of the saddle of the tank and not located to detect a leak at the earliest opportunity. Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. The sensor was relocated to the lowest point of the sump by the service technician. Ensure that all monitoring equipment is maintained to detect a leak at the earliest opportunity. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-16-2015
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 06/16/2015. One 5-gallon container located

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

inside laboratory was lacking hazardous properties. One 1-gallon and 5-gallon containers located inside the main hazardous waste accumulation area also lacked hazardous properties. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date These containers were labeled with all required information at the time of inspection. This is a repeat violation, this was corrected onsite.

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Violation Date: 03-10-2020
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 05/15/2020. OBSERVATION: The following hazardous waste containers were found on-site with an accumulation start date of greater than 90 days or no accumulation start date: 1. A black container, located in the hazardous waste main storage area, storing methylene blue, sodium salicylate, methanol, and serum controls, was marked with two accumulation start dates of 3/18/19 and 7/18/18 (see photos IMG 1150-1). REGULATION GUIDANCE: (a) a generator may accumulate hazardous waste on-site for 90 days or less (b) The beginning of the 90 day period is determined as follows: (1) if the generator does not generate more than 100 kilograms of hazardous waste or one kilogram of acutely hazardous waste (listed in section 66261.33(e)) or one kilogram of extremely hazardous waste during any calendar month, the 90 day period begins on the date the generator has accumulated 100 kilograms of hazardous waste or one kilogram of acutely hazardous waste or one kilogram of extremely hazardous waste; (2) if the
Violation Division: San Joaquin County Environmental Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Violation Date: 07-08-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 09/16/2016. Current and complete financial responsibility documents have not been submitted to the EHD; the signature of a witness or notary was missing on the submitted documentation. Current financial responsibility documents are required to be submitted annually. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, and upload the required documents.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS,

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Design/Construction - General
Violation Notes:	Returned to compliance on 07/22/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-18-2014
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 08/04/2014.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-06-2019
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 06/06/2019. UST Tank Information forms for the diesel tank is not current in CERS. In the tank forms it states, the riser pipe to have fiberglass for secondary containment. While the inspector was out in the field, direct buried spill containers was observed. Any change of information must be updated in CERS within 30 days of the changes. The Chief engineer logged into CERS, and updated the required information, and submitted for review by the EHD while the inspector was on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-27-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

	located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 06/27/2018. The ATG used as the overfill prevention system is not currently functional on the diesel UST. The alarm sounded, but the light did was not functional. The technician replaced the light bulb and the overfill was verified as functional while on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 07/22/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers 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 06/19/2020. OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: - Located in the hazardous waste main storage area: 1. A black container storing methylene blue, sodium salicylate, methanol, and serum controls, was missing the hazardous properties, and was marked with two accumulation start dates of 3/18/19 and 7/18/18 (see photos IMG 1150-1). 2. A black container with a white lid was missing the composition (contents) (IMG 1152). 3. A black container with a white lid was missing the composition (contents) (IMG 1153). 4. A black container with a white lid was missing the hazardous properties, physical state, and composition (contents) (IMG 1154-5). 5. A black container with a white lid was missing the composition (contents) (IMG 1159). - Located in the 1st Floor ED Overflow area: 6. A black container was labeled with the incorrect generator name and address, and was missing the hazardous properties, physical state, composition
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Violation Notes:	Returned to compliance on 09/03/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-08-2016
Citation:	23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description:	Failure to submit or update a plot plan.
Violation Notes:	Returned to compliance on 07/08/2016. A legible copy of the UST Monitoring Site Plan was not submitted; the submitted map could not be opened for review. A site plan must be submitted identifying the locations where monitoring will be performed. An updated copy of the UST Monitoring Site Plan was submitted into CERS at the time of inspection. This was corrected onsite.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.
Violation Notes:	Returned to compliance on 06/02/2020. OBSERVATIONS: 1. According to Deanne Smith, Sterile Processing Manager, 3M steam indicator tape, which she is told is lead-free, is used in steam autoclaves. However, Tonia Shaw, Safety Operations Leader, provided the SDS for the 3M Comply Steam Indicator Tape, which states the tape contains lead carbonate hydroxide. It is unclear how this tape is managed after it has been used. REGULATION GUIDANCE: Any person who generates a waste shall determine if the waste is a hazardous waste as specified in Title 22 California Code of Regulations (CCR). There are wastes that are listed as hazardous wastes. There are wastes that exhibit one or more of the hazardous waste characteristics: toxic, corrosive, reactive or ignitable. CORRECTIVE ACTION: Immediately make a hazardous waste determination for the tape containing lead carbonate hydroxide, and manage it according to Title 22 CCR. Use Safety Data Sheets (SDS), waste sampling and test results or other knowledge to support your haz
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-06-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 06/06/2019. An approved copy of the monitoring plans were not available for inspection. A copy of these plans shall be accessible on site at all times. Immediately locate and retain a copy on site. The Chief engineer made the corrections to the

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

monitoring plan while the inspector was on site and is ensuring that the correct monitoring plan is found on site. This was corrected on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Violation Date: 06-06-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 06/06/2019. The monitoring plan is not current and/or not approved by the EHD. The monitoring plan states that the piping for the UST is being monitored by a 208 sensor, however while the inspector was on site it was noted that 420 sensors were also monitoring the piping. The monitoring plan must be uploaded to the California Environmental Reporting System (CERS). The Chief engineer logged into CERS, and made the necessary changes, and submitted for review by the EHD while the inspector was on site. This was corrected on site.
Violation Division: San Joaquin County Environmental Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-06-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 6th, 2019. Document reviewed: Monitoring system certification test results from 2016, 2017, 2018 Secondary containment 2017, employee training, response plan, maintenance records, monitoring plan, financial responsibility documents and designated operator monthly inspection reports from July 2018- May 2019 Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420.
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: THIS IS A REVISED REPORT ISSUED ON JULY 7, 2015 AND IT SUPERSEDES ALL PREVIOUSLY ISSUED REPORTS. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 30-DAYS FROM RECEIPT OF THIS REPORT. NOTE: According to Chandra Buchanan, all vehicular maintenance at this facility is conducted at an offsite car maintenance location.

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous waste activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.

Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Routine OIR with SPCC plan
Eval Division: San Joaquin County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 25, 2020 . To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided: Return to compliance certification form and corrective action statement form.
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Notes: - The inspection report was amended by adding violation 601. - The facility generated 694 pounds of P-listed RCRA acute hazardous waste in 2019, making the facility a RCRA Large Quantity Generator of hazardous waste. An inspection checklist was provided to the facility operator on the day of inspection. A complete report was amended and finished on 4/8/2020, and replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 5/8/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Hazardous Waste Minimum L
Eval Division: San Joaquin County Environmental Health
Eval Program: HWLQG

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-16-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Completed routine monitoring system inspection, no violations noted as of this date. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420.
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ****No violations were noted at the time of the inspection. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: -EHD class schedule
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: On site for the annual routine inspection and monitoring system verification. Violation noted: - Monitoring equipment is not installed or maintained to detect a leak at the earliest opportunity
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 27, 2018. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS. Documents provided: Return to Compliance Certification form, schedule

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

of free CUPA classes
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Provide DA Investigator access to EHD waste site for dumpster dive waste storage.
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 27, 2017. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An inspection checklist was provided to the facility operator on the

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.

Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine UST inspection and witness the annual monitoring system certification testing. No violations noted at time of inspection. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.
Eval Division: San Joaquin County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations found at time of inspection. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-22-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 07-22-2013
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: San Joaquin County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 07-18-2014
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: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 07-22-2013
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: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 06-27-2017
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: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 40960

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 06-16-2015
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: San Joaquin County Environmental Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 40960
Site Name: KAISER FOUNDATION - MANTECA
Site Address: 1777 W YOSEMITE AVE
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 07-08-2016
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: San Joaquin County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 40960
Facility Name: KAISER FOUNDATION - MANTECA
Env Int Type Code: HWG
Program ID: 10181559
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.798030
Longitude: -121.246200

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Joaquin Cnty Env Health
Entity Title: Not reported
Affiliation Address: 1868 East Hazelton Avenue
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95205-6232
Affiliation Phone: (209) 468-3420,

Affiliation Type Desc: Document Preparer
Entity Name: Chandra Buchanan, Safety Operations Practice Leader
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: ,

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95337
Affiliation Phone:	,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	MANTECA MEDICAL CENTER - ATTN: Miles McCauley
Entity Title:	Not reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95336
Affiliation Phone:	(209) 825-3551,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Chandra Buchanan
Entity Title:	Not reported
Affiliation Address:	4601 Dale Road
Affiliation City:	Modesto
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95356
Affiliation Phone:	,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	SAM CORBIN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(209) 825-3781,

Affiliation Type Desc:	Identification Signer
Entity Name:	Chandra Buchanan
Entity Title:	Safety Operations Practice Leader
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

KAISER FOUNDATION - MANTECA (Continued) **S121778086**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Owner
Entity Name: Kaiser Foundation Hospitals
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: Legal Owner
Entity Name: Kaiser Foundation Hospital
Entity Title: Not reported
Affiliation Address: ONE KAISER PLAZA
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

Affiliation Type Desc: Operator
Entity Name: Engineering Department
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: (209) 825-3700,

Affiliation Type Desc: Parent Corporation
Entity Name: KAISER FOUNDATION - MANTECA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Kaiser Permanente Foundation Hospital
Entity Title: Not reported
Affiliation Address: One Kaiser Plaza
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94612
Affiliation Phone: (510) 271-5800,

A9 **KAISER FOUNDATION - MANTECA** **AST** **A100421362**
NNW **1777 W YOSEMITE AVE** **N/A**
< 1/8 **MANTECA, CA 95337**
0.039 mi.
208 ft. **Site 4 of 7 in cluster A**

Relative: AST:
Lower

Actual:
28 ft.

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City/Zip:	MANTECA,95337
Certified Unified Program Agencies:	Not reported
Owner:	KAISER FOUNDATION HOSPITAL
Total Gallons:	Not reported
CERSID:	10181559
Facility ID:	00 FA0003978
Business Name:	KAISER FOUNDATION - MANTECA
Phone:	(209) 825-3848
Fax:	Not reported
Mailing Address:	1777 W YOSEMITE AVE
Mailing Address City:	MANTECA
Mailing Address State:	CA
Mailing Address Zip Code:	95337
Operator Name:	Engineering Department
Operator Phone:	(209) 825-3700
Owner Phone:	(510) 271-5800
Owner Mail Address:	ONE KAISER PLAZA
Owner State:	CA
Owner Zip Code:	94612
Owner Country:	United States
Property Owner Name:	Kaiser Permanente Foundation Hospital
Property Owner Phone:	(510) 271-5800
Property Owner Mailing Address:	One Kaiser Plaza
Property Owner City:	Oakland
Property Owner Stat :	CA
Property Owner Zip Code:	94612
Property Owner Country:	United States
EPAID:	CAR000157727

A10 **KAISER PERMANENTE MANTECA MEDICAL CENTER** **RCRA-LQG** **1007569241**
NNW **1777 W YOSEMTE AVENUE** **CAR000157727**
< 1/8 **MANTECA, CA 95337**
0.039 mi.
208 ft. **Site 5 of 7 in cluster A**

Relative: RCRA Listings:
Lower

Actual:
28 ft.

Date Form Received by Agency:	20230530
Handler Name:	Kaiser Permanente Manteca Medical Center
Handler Address:	W YOSEMTE AVENUE
Handler City,State,Zip:	MANTECA, CA 95337-5130
EPA ID:	CAR000157727
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W YOSEMTE AVENUE
Contact City,State,Zip:	MANTECA, CA 95337-5130
Contact Telephone:	209-275-9160
Contact Fax:	Not reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFTEY OPERATIONS LEADER/ SAFTEY OFFICER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

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:	W YOSEMTE AVENUE
Mailing City,State,Zip:	MANTECA, CA 95337-5130
Owner Name:	Kaiser Foundation Hospitals
Owner Type:	Private
Operator Name:	Kaiser Foundation Hospitals
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	Yes
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	Yes
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230605
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:	2021

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

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:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D032
Waste Description:	Hexachlorobenzene

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Waste Code: D033
Waste Description: Hexachlorobutadiene

Waste Code: D039
Waste Description: Tetrachloroethylene

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: P001
Waste Description: 2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

Waste Code: P012
Waste Description: Arsenic Oxide As2o3 (Or) Arsenic Trioxide

Waste Code: P042
Waste Description: 1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine

Waste Code: P075
Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts

Waste Code: P081
Waste Description: 1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)

Waste Code: P108
Waste Description: Strychnidin-10-One, & Salts (Or) Strychnine, & Salts

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U010
Waste Description: Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Waste Code: U012
Waste Description: Aniline (I,T) (Or) Benzenamine (I,T)

Waste Code: U035
Waste Description: Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U048
Waste Description: O-Chlorophenol (Or) Phenol, 2-Chloro-

Waste Code: U058
Waste Description: 2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide

Waste Code: U059
Waste Description: 5,12-Naphthacenedione, 8-Acetyl-10-[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxo-Hexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin

Waste Code: U089
Waste Description: Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U129
Waste Description: Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane

Waste Code: U132
Waste Description: Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-

Waste Code: U150
Waste Description: L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan

Waste Code: U154
Waste Description: Methanol (I) (Or) Methyl Alcohol (I)

Waste Code: U182
Waste Description: 1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde

Waste Code: U188
Waste Description: Phenol

Waste Code: U200
Waste Description: Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-

Waste Code: U206
Waste Description: D-Glucose, 2-Deoxy-2-[[(Methylnitrosoamino)-Carbonyl]Amino]- (Or) Glucopyranose, 2-Deoxy-2-(3-Methyl-3-Nitrosoureido)-,D- (Or) Streptozotocin

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U237
Waste Description: 2,4-(1h,3h)-Pyrimidinedione, 5-[Bis(2-Chloroethyl)Amino]- (Or) Uracil Mustard

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER PERMANENTE FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 20041101
Date Ended Current: Not reported
Owner/Operator Address: 1800 HARRISON STREET, 6TH FLOOR
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-625-4737
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER PERMANENTE FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 20041101
Date Ended Current: Not reported
Owner/Operator Address: 1800 HARRISON STREET, 6TH FLOOR
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-625-4737
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITAL
Legal Status: Private
Date Became Current: 20040601
Date Ended Current: Not reported
Owner/Operator Address: ONE KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-625-4737
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER PERMANENTE
Legal Status: Private
Date Became Current: 20041020
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: KAISER FOUNDATION HOSPITAL
Legal Status: Private
Date Became Current: 20040601
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

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Owner
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: ANNA MOSHER
Legal Status: Private
Date Became Current: 20041020
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

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: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHANDRA.N.BUCHANAN@KP.ORG

Owner/Operator Indicator: Operator
Owner/Operator Name: KAISER FOUNDATION HOSPITALS
Legal Status: Private
Date Became Current: 19900901
Date Ended Current: Not reported
Owner/Operator Address: 1 KAISER PLAZA
Owner/Operator City,State,Zip: OAKLAND, CA 94612
Owner/Operator Telephone: 510-271-5800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CHANDRA.N.BUCHANAN@KP.ORG

Historic Generators:
Receive Date: 20121011
Handler Name: MANTECA KAISER PERMANENTE
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: 20140228
Handler Name: KAISER FOUNDATION HOSPITAL MANTECA
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: 20180226

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Handler Name: KAISER PERMANENTE - MANTECA
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: No
Electronic Manifest Broker: No

Receive Date: 20200224
Handler Name: KAISER FOUNDATION HOSPITAL MANTECA
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: No
Electronic Manifest Broker: No

Receive Date: 20220228
Handler Name: KAISER FOUNDATION HOSPITAL MANTECA
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: No
Electronic Manifest Broker: No

Receive Date: 20190114
Handler Name: KAISER FOUNDATION HOSPITAL MANTECA
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: No
Electronic Manifest Broker: No

Receive Date: 20041021
Handler Name: KAISER FOUNDATION HOSPITAL MANTECA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

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: 20230530
Handler Name: KAISER PERMANENTE MANTECA MEDICAL CENTER
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: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 621491
NAICS Description: HMO MEDICAL CENTERS

NAICS Code: 62211
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

NAICS Code: 622110
NAICS Description: GENERAL MEDICAL AND SURGICAL HOSPITALS

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20200310
Actual Return to Compliance Date: 20200515
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20200310
Actual Return to Compliance Date: 20200515
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20200310
Actual Return to Compliance Date: 20200619
Return to Compliance Qualifier: Documented

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20200310
Actual Return to Compliance Date:	20200602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

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: 20200310
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20200515
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: 20200310
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20200515
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: 20200310
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: CUPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20200619
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: 20200310
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER

KAISER PERMANENTE MANTECA MEDICAL CENTER (Continued) **1007569241**

Evaluation Responsible Person Identifier:	CUPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20200602
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

A11 **ST DOMINIC'S HOSPITAL/MANTECA** **UST** **U003971434**
NNW **1777 YOSEMITE AVE** **N/A**
< 1/8 **MANTECA, CA 95336**
0.039 mi.
208 ft. **Site 6 of 7 in cluster A**

Relative: UST:
Lower

Actual:
28 ft.

Name:	ST DOMINIC'S HOSPITAL/MANTECA
Address:	1777 YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95336
Facility ID:	FA0003978
Permitting Agency:	Not reported
CERSID:	Not reported
Latitude:	37.79856084
Longitude:	-121.247075
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported

ST DOMINIC'S HOSPITAL/MANTECA (Continued) **U003971434**

Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

A12 **KAISER FOUNDATION - MANTECA** **UST** **U004024112**
NNW **1777 W YOSEMITE AVE** **N/A**
< 1/8 **MANTECA, CA 95337**
0.039 mi.
208 ft. **Site 7 of 7 in cluster A**

Relative: UST:
Lower

Actual:
28 ft.

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Facility ID:	00 FA0003978
Permitting Agency:	San Joaquin County Environmental Health
CERSID:	10181559
Latitude:	37.7980300
Longitude:	-121.246200
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	5094
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	MANTECA MEDICAL CENTER - ATTN: Miles McCauley
Tank operator mailing address:	1777 W YOSEMITE AVE
Tank operator mailing city:	MANTECA
Tank operator mailing zip:	95336
Tank operator mailing state:	CA
Tankidnumber:	TA0239701
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	1/1/1989 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	8000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Conventional Suction
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

UST SAN JOAQUIN:

KAISER FOUNDATION - MANTECA (Continued) **U004024112**

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Region:	SJ
Facility Id:	FA0003978
Mail Address:	1777 W YOSEMITE AVE
Mail Address 2:	Not reported
Mail Care of:	Engineering Department
Mail City,St,Zip:	MANTECA, CA 95337
Tank Rec ID:	TA0239701
Tank Number:	1
Tank Status:	01 - Active, billable
Tank Capacity:	8000
Product Type Desc:	03 - DIESEL
Program Element:	2360
Decode for Program Element:	2360 - UST - PER TANK FEE
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	10181559
Cross Ref Tank ID:	Not reported
LEA ID:	1
Common Name:	Not reported
Date Installed:	1/1/1989
Date of Closure:	Not reported
Latitude:	37.7973574944
Longitude:	-121.2461412953

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13 **JOHN C. TRUEB DDS** **RCRA NonGen / NLR** **1024793357**
NNW **165 SAINT DOMINIC DR** **CAL000137802**
< 1/8 **MANTECA, CA 95337**
0.111 mi.
588 ft.

Relative: **Lower**

Actual: **27 ft.**

RCRA Listings:

Date Form Received by Agency:	19950215
Handler Name:	John C. Trueb Dds
Handler Address:	165 SAINT DOMINIC DR
Handler City,State,Zip:	MANTECA, CA 95337-0000
EPA ID:	CAL000137802
Contact Name:	JOHN C. TRUEB-OWNER
Contact Address:	165 SAINT DOMINICS DR STE 100
Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	209-823-3574
Contact Fax:	209-239-4378
Contact Email:	JCTDDS@VERIZON.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:	165 SAINT DOMINICS DR STE 100
Mailing City,State,Zip:	MANTECA, CA 95337-7802

JOHN C. TRUEB DDS (Continued) **1024793357**

Owner Name:	John C Trueb Dds
Owner Type:	Other
Operator Name:	John C. Trueb-Owner
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN C. TRUEB-OWNER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	165 SAINT DOMINICS DR STE 100
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-823-3574
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

JOHN C. TRUEB DDS (Continued) **1024793357**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: JOHN C TRUEB DDS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 165 SAINT DOMINICS DR STE 100
Owner/Operator City,State,Zip: MANTECA, CA 95337-7802
Owner/Operator Telephone: 209-823-3574
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19950215
Handler Name: JOHN C. TRUEB DDS
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: 62121
NAICS Description: OFFICES OF DENTISTS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

14
ESE
< 1/8
0.112 mi.
591 ft.

JOHN'S MOBILE **RCRA NonGen / NLR** **1024831493**
1575 MARINO CT **CAL000368337**
MANTECA, CA 95337

Relative:
Higher

Actual:
30 ft.

RCRA Listings:
Date Form Received by Agency: 20111018
Handler Name: John'S Mobile
Handler Address: 1575 MARINO CT
Handler City,State,Zip: MANTECA, CA 95337
EPA ID: CAL000368337
Contact Name: JOHN LUNA
Contact Address: 1575 MARINO CT
Contact City,State,Zip: MANTECA, CA 95337
Contact Telephone: 209-610-1099
Contact Fax: 000-000-0000

JOHN'S MOBILE (Continued) **1024831493**

Contact Email:	LUNAJOHN@COMCAST.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 985
Mailing City,State,Zip:	MANTECA, CA 95336-1139
Owner Name:	John Luna
Owner Type:	Other
Operator Name:	John Luna
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	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

JOHN'S MOBILE (Continued) **1024831493**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN LUNA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1575 MARINO CT
Owner/Operator City,State,Zip:	MANTECA, CA 95337-0000
Owner/Operator Telephone:	209-610-1099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOHN LUNA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1575 MARINO CT
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-610-1099
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20111018
Handler Name: JOHN'S MOBILE	
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

C15 **SIERRA HIGH SCHOOL PARKING LOT REHABILITATION** **CERS HAZ WASTE** **S113114616**
South **1700 THOMAS STREET** **HAZNET** **N/A**
< 1/8 **MANTECA, CA 95337** **NPDES**
0.119 mi. **CIWQS**
630 ft. **Site 1 of 2 in cluster C** **CERS**
HWTS

Relative: Higher

Actual: 31 ft.

CERS HAZ WASTE:

Name:	SIERRA HIGH SCHOOL
Address:	1700 THOMAS ST
City,State,Zip:	MANTECA, CA 95337
Site ID:	153410
CERS ID:	10182097
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL
Address:	1700 THOMAS ST
Address 2:	Not reported
City,State,Zip:	MANTECA, CA 953370000
Contact:	NICOLE LEE
Telephone:	2098580871
Mailing Name:	Not reported
Mailing Address:	PO BOX 32
Year:	2021
Gepaid:	CAL000229766
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.006
Year:	2020
Gepaid:	CAL000229766
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01
Year:	2020
Gepaid:	CAL000229766
TSD EPA ID:	NVT330010000
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.021
Year:	2019
Gepaid:	CAL000229766
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00500
Year:	2017
Gepaid:	CAL000229766

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

TSD EPA ID: NVT330010000
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.1545

Year: 2016
Gepaid: CAL000229766
TSD EPA ID: NVT330010000
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.1585

Year: 2014
Gepaid: CAL000229766
TSD EPA ID: NMD002208627
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1205

Year: 2013
Gepaid: CAL000229766
TSD EPA ID: NVT330010000
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.2525

Year: 2012
Gepaid: CAL000229766
TSD EPA ID: NMD002208627
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03

Year: 2012
Gepaid: CAL000229766
TSD EPA ID: NVT330010000
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.115

Click this hyperlink while viewing on your computer to access
26 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2021
Gen EPA ID: CAL000229766

Shipment Date: 6/5/2020
Creation Date: 7/6/2020
Receipt Date: 6/18/2020

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Manifest ID:	014705975FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	6/5/2020
Creation Date:	11/22/2020
Receipt Date:	6/16/2020
Manifest ID:	014705976FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	6/5/2020
Creation Date:	7/6/2020
Receipt Date:	6/18/2020
Manifest ID:	014705975FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT, LLC

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2020
Gen EPA ID:	CAL000229766
Shipment Date:	6/5/2020
Creation Date:	7/6/2020
Receipt Date:	6/18/2020
Manifest ID:	014705975FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	6/5/2020
Creation Date:	11/22/2020
Receipt Date:	6/16/2020
Manifest ID:	014705976FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA, INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.021
Waste Quantity:	42
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	6/5/2020
Creation Date:	7/6/2020
Receipt Date:	6/18/2020
Manifest ID:	014705975FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2019
EM Manifest ID:	726107
Shipment Date:	5/31/2019
Receipt Date:	7/5/2019
Manifest Number:	012794751FLE
Generator EPA ID:	CAL000229766
Name:	MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL
Address:	1700 THOMAS ST
Address 2:	Not reported
City:	MANTECA
Zip:	95337-0000
Telephone:	888-785-7225
Contact:	Not reported
Contact Telephone:	209-858-0860
Transporter 1 EPA ID:	CAR000070540
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000154740
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NMD002208627

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

TSDF Name: ADVANCED CHEMICAL TREATMENT, LLC
TSDF Address 1: 6133 EDITH BLVD NE
TSDF Address 2: Not reported
TSDF City: ALBUQUERQUE
TSDF Zip: 87107
TSDF Telephone: Not reported

Federal:
Year: 2019
EM Manifest ID: 726107
Generator EPA ID: CAL000229766
Shipment Date: 2019-05-31
Manifest Number: 012794751FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

State:
Year: 2019
EM Manifest ID: 726107
Generator EPA ID: CAL000229766
Shipment Date: 2019-05-31
Manifest Number: 012794751FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.00500
Quantity Waste: 10.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 551

Additional Info:
Year: 2017
Gen EPA ID: CAL000229766

Shipment Date: 20171121
Creation Date: 7/23/2018 18:30:12
Receipt Date: 20171128
Manifest ID: 011094747FLE
Trans EPA ID: CAR000070540
Trans Name: ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.044
Waste Quantity:	88
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:	20170526
Creation Date:	7/6/2018 18:30:59
Receipt Date:	20170606
Manifest ID:	010242420FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0635
Waste Quantity:	127
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170224
Creation Date:	5/11/2018 18:31:59
Receipt Date:	20170307
Manifest ID:	009912828FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.047
Waste Quantity:	94
Quantity Unit:	P
Additional Code 1:	Not reported

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000229766
Shipment Date:	20141208
Creation Date:	6/24/2015 22:15:33
Receipt Date:	20141229
Manifest ID:	006985583FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.054
Waste Quantity:	108
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:	20140530
Creation Date:	12/11/2014 22:14:52
Receipt Date:	20140702
Manifest ID:	007091718FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0535
Waste Quantity:	107
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Additional Code 5:	Not reported
Shipment Date:	20140327
Creation Date:	10/3/2014 22:15:01
Receipt Date:	20140424
Manifest ID:	006784994FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.067
Waste Quantity:	134
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000229766
Shipment Date:	20131122
Creation Date:	5/10/2014 22:15:07
Receipt Date:	20131203
Manifest ID:	006784700FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.14
Waste Quantity:	280
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:	20130304

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Creation Date:	7/25/2013 9:05:24
Receipt Date:	20130312
Manifest ID:	006085650FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000229766
Shipment Date:	20120413
Creation Date:	10/15/2012 22:15:38
Receipt Date:	20120417
Manifest ID:	004863635FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.115
Waste Quantity:	230
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:	20120413
Creation Date:	8/16/2013 22:15:19
Receipt Date:	20120503
Manifest ID:	004863631FLE

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT INC (SV)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NMD002208627
Trans Name:	ADVANCED CHEMICAL TREATMENT
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D035
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000229766
Shipment Date:	20111003
Creation Date:	3/22/2012 20:30:11
Receipt Date:	20111011
Manifest ID:	004901470FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000229766
Shipment Date:	20101210
Creation Date:	5/24/2011 18:30:22

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Receipt Date:	20101221
Manifest ID:	003930637FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.13
Waste Quantity:	260
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:	20100514
Creation Date:	12/16/2010 18:31:14
Receipt Date:	20100525
Manifest ID:	003025475FLE
Trans EPA ID:	CAR000070540
Trans Name:	ADVANCED CHEMICAL TRANSPORT
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1251
Waste Quantity:	30
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

NPDES:

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Place ID:	Not reported
Order Number:	Not reported
WDID:	5S39C393967
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:	10/14/2021
Operator Name:	Manteca Unified School District
Operator Address:	PO Box 32
Operator City:	Manteca
Operator State:	California
Operator Zip:	95336

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
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:	5S39C393967
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:	10/14/2021
Operator Name:	Manteca Unified School District
Operator Address:	PO Box 32
Operator City:	Manteca
Operator State:	California
Operator Zip:	95336

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
Facility Status:	Not reported
NPDES Number:	Not reported

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	5S39C393967
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:	10/14/2021
Operator Name:	Manteca Unified School District
Operator Address:	PO Box 32
Operator City:	Manteca
Operator State:	California
Operator Zip:	95336

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
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:	5S39C393967
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:	10/14/2021
Operator Name:	Manteca Unified School District
Operator Address:	PO Box 32
Operator City:	Manteca
Operator State:	California
Operator Zip:	95336

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

City,State,Zip:	MANTECA, CA 95337
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:	5S39C393967
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:	10/14/2021
Operator Name:	Manteca Unified School District
Operator Address:	PO Box 32
Operator City:	Manteca
Operator State:	California
Operator Zip:	95336

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	5S
Agency Number:	0
Regulatory Measure ID:	535779
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	5S39C393967
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/27/2021
Termination Date Of Regulatory Measure:	10/04/2021
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	PO Box 32
Discharge Name:	Manteca Unified School District
Discharge City:	Manteca
Discharge State:	California
Discharge Zip:	95336
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

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

CIWQS:

Name:	SIERRA HIGH SCHOOL PARKING LOT REHABILITATION
Address:	1700 THOMAS STREET
City,State,Zip:	MANTECA, CA 95337
Agency:	Manteca Unified School District
Agency Address:	PO Box 32, Manteca, CA 95336
Place/Project Type:	Construction - Reconstruction
SIC/NAICS:	Not reported
Region:	5S
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	5S39C393967
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	05/27/2021
Termination Date:	10/04/2021
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:	37.79324
Longitude:	-121.24438

CERS:

Name:	SIERRA HIGH SCHOOL
Address:	1700 THOMAS ST
City,State,Zip:	MANTECA, CA 95337
Site ID:	153410
CERS ID:	10182097
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	153410
Site Name:	SIERRA HIGH SCHOOL
Violation Date:	01-11-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 02/08/2019. Manifest numbers: -009912556FLE (11/30/2016) -009912828FLE (2/24/2017) -011925465FLE (5/25/2018) were found without a signed off copy from the destination facility. Hazardous waste generators shall retain copies of all manifests signed off by the destination facility on site for three years and have them readily available for review. If the generator did not receive a copy of the manifest with the handwritten signature of the owner or operator of the facility to which the generator s waste was submitted within 60 days of the date the waste was accepted by the initial transporter, the generator shall submit a legible copy of the missing

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

manifest, with some indication that the generator has not received confirmation of delivery. This information shall be submitted to: DTSC Report Repository Generator Information Services Section P.O. Box 806 Sacramento, CA 95812-0806 Immediately locate a copy of the missing manifests or prepare and submit the required inf

Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153410
Site Name: SIERRA HIGH SCHOOL
Violation Date: 01-11-2019
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 01/11/2019. One approximately 10 gallon plastic container of silver photo solution was observed in the dark room without an accumulation start date on the label. This was corrected on site. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date Immediately ensure that all hazardous waste containers are marked with all the required information.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153410
Site Name: SIERRA HIGH SCHOOL
Violation Date: 01-11-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 02/08/2019. Lab pack waste, waste latex paint and waste mop cleaner were transported on 3/4/2016, 5/27/2016, 2/24/2017, 5/26/2017, 11/21/2017, 2/23/2018, 5/25/2018, and 11/27/2018 to Manteca Unified School District at 2271 W. Louise Avenue. Manteca Unified School District is not a permitted TSDF. Hazardous wastes shall be disposed of only by transportation to a permitted hazardous waste treatment, storage, and disposal facility (TSDF). Immediately cease disposal of hazardous waste to Manteca Unified School District and ensure that all future waste is hauled by a licensed hazardous waste transporter to a permitted TSDF.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153410
Site Name: SIERRA HIGH SCHOOL
Violation Date: 08-16-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

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 09/15/2017. 100 gallons of latex paint, 500 pounds of sodium chloride mini pellets, 750 pounds of sodium bicarb were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division: San Joaquin County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 153410
Site Name: SIERRA HIGH SCHOOL
Violation Date: 01-11-2019
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a Uniform Hazardous Waste Manifest and, if necessary, a Continuation Sheet, before the transport of a hazardous waste off-site for transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 02/08/2019. Lab pack waste, latex paint and mop cleaner waste was transported off site for disposal on 3/4/2016, 5/27/2016, 2/24/2017, 5/26/2017, 11/21/2017, 2/23/2018, 5/25/2018, 11/27/2018 without first preparing a uniform hazardous waste manifest. A generator shall prepare a Uniform Hazardous Waste Manifest on EPA Form 8700-22 prior to the transport of a hazardous waste for off-site transfer, treatment, storage or disposal. Ensure that a manifest is prepared each time hazardous waste is transported for off site transfer, treatment, storage or disposal.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-11-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by February 11, 2019. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Inspector Provided: Return to Compliance certification, flier for free CUPA classes Waste Streams Observed: -Spent Photo Fixer -Lab Pack Chemicals -Waste Latex Paint -Waste Mop Cleaner
Eval Division: San Joaquin County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2017

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 9/15/2017. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Joaquin County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 153410
Site Name: SIERRA HIGH SCHOOL
Site Address: 1700 THOMAS ST
Site City: MANTECA
Site Zip: 95337
Enf Action Date: 08-16-2017
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: San Joaquin County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 153410
Facility Name: SIERRA HIGH SCHOOL
Env Int Type Code: HWG
Program ID: 10182097
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.793640
Longitude: -121.243500

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kimberly A. Wright
Entity Title: Not reported
Affiliation Address: P.O. Box 32
Affiliation City: Manteca
Affiliation State: CA
Affiliation Country: Not reported

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Affiliation Zip:	95336
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 32
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95336
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Kimberly A. Wright
Entity Title:	Director of Risk Management
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	MANTECA UNIFIED SCHOOL DIST
Entity Title:	Not reported
Affiliation Address:	PO BOX 32
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95336
Affiliation Phone:	(209) 825-3200,
Affiliation Type Desc:	Operator
Entity Name:	KIMBERLY A WRIGHT
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:	(209) 858-0860,
Affiliation Type Desc:	Parent Corporation
Entity Name:	MANTECA UNIFIED SCHOOL DIST
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	1868 East Hazelton Avenue

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420,
Affiliation Type Desc:	Document Preparer
Entity Name:	Kimberly A. Wright
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:	,

HWTS:

Name:	MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL
Address:	1700 THOMAS ST
Address 2:	Not reported
City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000229766
Inactive Date:	Not reported
Create Date:	08/15/2001
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 32
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MANTECA, CA 953360032
Owner Name:	MANTECA USD
Owner Address:	2271 W LOUISE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	MANTECA, CA 953370000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	NICOLE LEE
Contact Address:	PO BOX 32
Contact Address 2:	Not reported
City,State,Zip:	MANTECA, CA 95336
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.791517
Longitude:	-121.239635

NAICS:

EPA ID:	CAL000229766
Create Date:	2004-10-20 10:23:57.043
NAICS Code:	61111
NAICS Description:	Elementary and Secondary Schools
Issued EPA ID Date:	2001-08-15 00:00:00
Inactive Date:	Not reported
Facility Name:	MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL
Facility Address:	1700 THOMAS ST

SIERRA HIGH SCHOOL PARKING LOT REHABILITATION (Continued) **S113114616**

Facility Address 2:	Not reported
Facility City:	MANTECA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	953370000

C16 **MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL** **RCRA NonGen / NLR** **1024801358**
South **1700 THOMAS ST** **CAL000229766**
< 1/8 **MANTECA, CA 95337**
0.119 mi.
630 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
31 ft.

RCRA Listings:

Date Form Received by Agency:	20010815
Handler Name:	Manteca Unified School District Sierra High School
Handler Address:	1700 THOMAS ST
Handler City,State,Zip:	MANTECA, CA 95337-0000
EPA ID:	CAL000229766
Contact Name:	KIMBERLY A. WRIGHT
Contact Address:	PO BOX 32
Contact City,State,Zip:	MANTECA, CA 95336
Contact Telephone:	209-858-0860
Contact Fax:	209-825-7090
Contact Email:	DCOWAN@MUSD.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 32
Mailing City,State,Zip:	MANTECA, CA 95336-0032
Owner Name:	Manteca Usd
Owner Type:	Other
Operator Name:	Kimberly A. Wright
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL (Continued) **1024801358**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: KIMBERLY A. WRIGHT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 32
Owner/Operator City,State,Zip:	MANTECA, CA 95336
Owner/Operator Telephone:	209-858-0860
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: MANTECA USD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2271 W LOUISE AVE
Owner/Operator City,State,Zip:	MANTECA, CA 95337-0000
Owner/Operator Telephone:	209-858-0860
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20010815
Handler Name:	MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

MANTECA UNIFIED SCHOOL DISTRICT SIERRA HIGH SCHOOL (Continued) **1024801358**

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:	61111
NAICS Description:	ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

17
WNW
1/8-1/4
0.139 mi.
733 ft.

HEDEGUARD, SANDY
1919 W YOSEMITE AVE
MANTECA, CA 95336

UST **U004261023**
N/A

Relative:
Lower

Actual:
28 ft.

UST SAN JOAQUIN:

Name:	HEDEGUARD, SANDY
Address:	1919 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95336
Region:	SJ
Facility Id:	FA0012070
Mail Address:	1919 W YOSEMITE AVE
Mail Address 2:	Not reported
Mail Care of:	Not reported
Mail City,St,Zip:	MANTECA, CA 95336
Tank Rec ID:	Not reported
Tank Number:	1
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	1000
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	Not reported
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	1/1/1986
Date of Closure:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tank Rec ID:	Not reported

HEDEGUARD, SANDY (Continued) **U004261023**

Tank Number:	2
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	1000
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	Not reported
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	1/1/1986
Date of Closure:	Not reported
Latitude:	Not reported
Longitude:	Not reported

---

18 **BURNS GAS MART** **HIST UST** **U001606157**
ENE **1554 W YOSEMITE** **N/A**
1/8-1/4 **MANTECA, CA 95336**
0.155 mi.
821 ft.

Relative: **Higher**

Actual: **29 ft.**

HIST UST:

Name:	BURNS GAS MART
Address:	1554 W YOSEMITE
City,State,Zip:	MANTECA, CA 95336
File Number:	0002b4a7
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002b4a7.pdf
Region:	STATE
Facility ID:	00000018913
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	VINCENT F. BLANK
Telephone:	2092391792
Owner Name:	TIME OIL CO.
Owner Address:	2737 W. COMMODORE WAY
Owner City,St,Zip:	SEATTLE, WA 98199
Total Tanks:	0003
Tank Num:	001
Container Num:	444
Year Installed:	1976
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	475
Year Installed:	1973
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

BURNS GAS MART (Continued) **U001606157**

Tank Num:	003
Container Num:	476
Year Installed:	1973
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

D19 **TED PETERS TRUCKING COMPANY** **UST** **U004025004**
WNW **1985 W YOSEMITE AVE** **N/A**
1/8-1/4 **MANTECA, CA 95336**
0.198 mi.
1047 ft. **Site 1 of 3 in cluster D**

Relative: UST SAN JOAQUIN:
Lower

Name:	TED PETERS TRUCKING COMPANY
Address:	1985 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95336
Region:	SJ
Facility Id:	FA0003996
Mail Address:	PO BOX 831
Mail Address 2:	Not reported
Mail Care of:	GARY PETERS ETAL
Mail City,St,Zip:	MANTECA, CA 95336
Tank Rec ID:	Not reported
Tank Number:	1
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	1000
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported
CERS ID:	Not reported
Cross Ref Tank ID:	Not reported
LEA ID:	9
Common Name:	Not reported
Date Installed:	Not reported
Date of Closure:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Actual:
27 ft.

D20 **TED PETERS TRUCKING** **LUST** **S101302568**
WNW **1985 YOSEMITE AVE W** **CPS-SLIC** **N/A**
1/8-1/4 **MANTECA, CA 95336** **Cortese**
0.198 mi. **HIST CORTESE**
1047 ft. **Site 2 of 3 in cluster D** **CERS**

Relative: LUST:
Lower

Name:	TED PETERS TRUCKING
Address:	1985 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336

Actual:
27 ft.

TED PETERS TRUCKING (Continued) **S101302568**

Lead Agency:	SAN JOAQUIN COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700217
Global Id:	T0607700217
Latitude:	37.798335
Longitude:	-121.249579
Status:	Completed - Case Closed
Status Date:	09/30/2003
Case Worker:	Not reported
RB Case Number:	390295
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	1427
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	10/17/1988
Leak Reported Date:	10/19/1988
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/30/2003
CA Water Watershed Name:	San Joaquin Valley Floor - Manteca (535.10)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Eastern San Joaquin (5-022.01)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	55-60%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	Not reported

LUST:

Global Id:	T0607700217
Contact Type:	Regional Board Caseworker
Contact Name:	Alan Buehler
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	alan.buehler@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0607700217
Action Type:	ENFORCEMENT
Date:	06/09/2000
Action:	Other Report - #6/9/2000
Global Id:	T0607700217
Action Type:	Other
Date:	10/17/1988

TED PETERS TRUCKING (Continued) **S101302568**

Action: Leak Discovery

Global Id: T0607700217
Action Type: Other
Date: 10/19/1988
Action: Leak Reported

Global Id: T0607700217
Action Type: ENFORCEMENT
Date: 08/18/2000
Action: Other Report - #8/18/2000

Global Id: T0607700217
Action Type: ENFORCEMENT
Date: 06/14/2001
Action: Other Report - #6/14/2001

LUST:
Global Id: T0607700217
Status: Open - Case Begin Date
Status Date: 10/17/1988

Global Id: T0607700217
Status: Open - Site Assessment
Status Date: 07/30/1997

Global Id: T0607700217
Status: Completed - Case Closed
Status Date: 09/30/2003

LUST REG 5:
Name: TED PETERS TRUCKING
Address: 1985 YOSEMITE AVE W
City: MANTECA
Region: 5
Status: Case Closed
Case Number: 390295
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: 1

SLIC REG 5:
Name: Ted Peter’s Trucking
Address: 1985 Yosemite Ave W
City: Manteca
Region: 5
Facility Status: RI
Unit: Facility is a Spill or site
Pollutant: TPH-d, g, MTBE, VOC
Lead Agency: DLL
Date Filed: / /
Report Date: / /

TED PETERS TRUCKING (Continued) **S101302568**

Date Added: Not reported
Date Closed: Not reported

CORTESE:

Name:	TED PETERS TRUCKING
Address:	1985 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607700217
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:	TED PETERS TRUCKING
edr_fadd1:	1985 YOSEMITE
City,State,Zip:	MANTECA, CA 95336
Region:	CORTESE
Facility County Code:	39
Reg By:	LTNKA
Reg Id:	390295

CERS:

Name:	TED PETERS TRUCKING
Address:	1985 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336
Site ID:	689142
CERS ID:	T0607700217
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

D21 WNW 1/8-1/4 0.198 mi. 1047 ft. — **TED PETERS TRUCKING COMPANY**, **1985 W YOSEMITE**, **MANTECA, CA 95336**, **Site 3 of 3 in cluster D**

Database(s): **CPS-SLIC, SWEEPS UST, CA FID UST, CERS**

EDR ID Number: **S101592719**

EPA ID Number: **N/A**

Relative: Lower

Actual: 27 ft.

CPS-SLIC:

Name:	TED PETERS TRUCKING MANTECA FACILITY
Address:	1985 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/21/2019
Global Id:	SL372563620
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.7983530815636
Longitude:	-121.249666213989
Case Type:	Cleanup Program Site
Case Worker:	GKR
Local Agency:	Not reported
RB Case Number:	SL372563620
File Location:	Regional Board
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	* Volatile Organic Compounds (VOC), * Petroleum - Diesel fuels, * Petroleum - Automotive gasolines
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/25/2001
Leak Reported Date:	01/02/1965
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/21/2019
CA Water Watershed Name:	San Joaquin Valley Floor - Manteca (535.10)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Eastern San Joaquin (5-022.01)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	55-60%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	Not reported

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

SWEEPS UST:

Name:	TED PETERS TRUCKING COMPANY
Address:	1985 W YOSEMITE
City:	MANTECA
Status:	Active
Comp Number:	1427
Number:	1
Board Of Equalization:	44-024688

TED PETERS TRUCKING COMPANY (Continued) **S101592719**

Referral Date:	05-28-92
Action Date:	05-28-92
Created Date:	07-11-88
Owner Tank Id:	001
SWRCB Tank Id:	39-000-001427-000001
Tank Status:	A
Capacity:	10000
Active Date:	05-28-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	39000228
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098584138
Mail To:	Not reported
Mailing Address:	P O BOX 831
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MANTECA 95336
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CERS:

Name:	TED PETERS TRUCKING MANTECA FACILITY
Address:	1985 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA
Site ID:	689143
CERS ID:	SL372563620
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	GEOFFREY RADER - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 Sun Center Drive, Suite 200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9164644707,

E22
ENE
1/8-1/4
0.219 mi.
1155 ft.

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE
1477 W YOSEMITE AVE
MANTECA, CA 95337

Site 1 of 2 in cluster E

CERS HAZ WASTE
HWTS

S126396927
N/A

Relative:
Higher

Actual:
29 ft.

CERS HAZ WASTE:
Name: GOODWILL (MANTECA #21)
Address: 1477 W YOSEMITE AVE
City,State,Zip: MANTECA, CA 95337
Site ID: 570852
CERS ID: 10861546
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 570852
Site Name: Goodwill (Manteca #21)
Violation Date: 08-04-2022
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 09/08/2022. OBSERVATION: Modified contingency plan information was not posted at the facility. REGULATION GUIDANCE: The business operator must post the following information next to telephones or in areas directly involved in the generation and accumulation of hazardous waste: the name and emergency telephone number of the emergency coordinator, the location of fire extinguishers and spill control material, and the telephone number of the fire department unless the facility has a direct alarm. CORRECTIVE ACTION: Immediately post the modified contingency plan information or keep a copy of a complete consolidated emergency response / contingency plan on-site. Provide a statement to the San Joaquin County Environmental Health Department that the correction is complete.
Violation Division: San Joaquin County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-04-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 09/03/2022. Wastes generated by this facility: -Used absorbent -Use Fluorescent bulbs -Use batteries -Misc Aerosols -Used hair color To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420.
Eval Division: San Joaquin County Environmental Health
Eval Program: HW

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21 (Continued) **S126396927**

Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Joaquin Cnty Env Health
Entity Title: Not reported
Affiliation Address: 1868 East Hazelton Avenue
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95205-6232
Affiliation Phone: (209) 468-3420,

Affiliation Type Desc: Identification Signer
Entity Name: Sandi Meza
Entity Title: Vice President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Goodwill Industries of SJV
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Goodwill Industries of SJV
Entity Title: Not reported
Affiliation Address: 4533 Alitalia Way
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95206
Affiliation Phone: (209) 466-2311,

Affiliation Type Desc: Document Preparer
Entity Name: Sandi Meza
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Goodwill Industries of SJV
Entity Title: Not reported
Affiliation Address: 4533 Alitalia Way

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21 (Continued) **S126396927**

Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 95206
Affiliation Phone: (209) 466-2311,

Affiliation Type Desc: Operator
Entity Name: Goodwill Industries of SJV
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: (209) 466-2311,

Affiliation Type Desc: Environmental Contact
Entity Name: Sandi Meza
Entity Title: Not reported
Affiliation Address: 4533 Alitalia Way
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95206
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 4533 Alitalia Way
Affiliation City: Stockton
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95206
Affiliation Phone: ,

HWTS:
Name: GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21
Address: 1477 W YOSEMITE AVE
Address 2: Not reported
City,State,Zip: MANTECA, CA 95337
EPA ID: CAL000456979
Inactive Date: Not reported
Create Date: 09/22/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 129 SOUTH GRANT ST
Mailing Address 2: Not reported
Mailing City,State,Zip: STOCKTON, CA 952020000
Owner Name: GOODWILL INDUST/SAN JOAQUIN
Owner Address: 129 S GRANT ST
Owner Address 2: Not reported
Owner City,State,Zip: STOCKTON, CA 952020000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: ANNA CASTRO

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21 (Continued) **S126396927**

Contact Address:	129 S. GRANT ST
Contact Address 2:	Not reported
City,State,Zip:	STOCKTON, CA 952020000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.79828
Longitude:	-121.240133

NAICS:

EPA ID:	CAL000456979
Create Date:	2020-09-22 15:26:53.353
NAICS Code:	522298
NAICS Description:	All Other Nondepository Credit Intermediation
Issued EPA ID Date:	2020-09-22 15:26:53.35300
Inactive Date:	Not reported
Facility Name:	GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21
Facility Address:	1477 W YOSEMITE AVE
Facility Address 2:	Not reported
Facility City:	MANTECA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95337

E23 **GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE** **RCRA NonGen / NLR** **1026492201**
ENE **1477 W YOSEMITE AVE** **CAL000456979**
1/8-1/4 **MANTECA, CA 95337**
0.219 mi.
1155 ft. **Site 2 of 2 in cluster E**

Relative: **Higher**

Actual: **29 ft.**

RCRA Listings:

Date Form Received by Agency:	20200922
Handler Name:	Goodwill Industries Of San Joaquin Valley Inc Site #21
Handler Address:	1477 W YOSEMITE AVE
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000456979
Contact Name:	ANNA CASTRO
Contact Address:	129 S GRANT ST
Contact City,State,Zip:	STOCKTON, CA 95202
Contact Telephone:	760-232-6987
Contact Fax:	209-466-0547
Contact Email:	ACASTRO@GOODWILL-SJV.ORG
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:	129 S GRANT ST
Mailing City,State,Zip:	STOCKTON, CA 95202
Owner Name:	Goodwill Ind Of San Joaquin Valley Inc

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21 (Continued) **1026492201**

Owner Type:	Other
Operator Name:	Anna Castro
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200927
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:	GOODWILL IND OF SAN JOAQUIN VALLEY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	129 S GRANT ST
Owner/Operator City,State,Zip:	STOCKTON, CA 95202
Owner/Operator Telephone:	209-466-2311
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21 (Continued) **1026492201**

Owner/Operator Indicator:	Operator
Owner/Operator Name: ANNA CASTRO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	129 S GRANT ST
Owner/Operator City,State,Zip:	STOCKTON, CA 95202
Owner/Operator Telephone:	760-232-6987
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200922
Handler Name:	GOODWILL INDUSTRIES OF SAN JOAQUIN VALLEY INC SITE #21
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:	522298
NAICS Description:	ALL OTHER NONDEPOSITORY CREDIT INTERMEDIATION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

24
East
1/4-1/2
0.277 mi.
1461 ft.

Relative:
Higher

Actual:
29 ft.

JACKPOT FOOD MART
1434 W YOSEMITE AVE
MANTECA, CA 95336

LUST **S101592870**
SWEEPS UST **N/A**
CA FID UST
Cortese
HIST CORTESE
HAZNET
CERS
HWTS

LUST:

Name:	JACKPOT FOOD MART
Address:	1434 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336
Lead Agency:	SAN JOAQUIN COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700531
Global Id:	T0607700531
Latitude:	37.796998
Longitude:	-121.238942

JACKPOT FOOD MART (Continued) **S101592870**

Status:	Completed - Case Closed
Status Date:	05/29/1997
Case Worker:	Not reported
RB Case Number:	390684
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	1465
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	12/20/1991
Leak Reported Date:	05/26/1992
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	05/29/1997
CA Water Watershed Name:	San Joaquin Valley Floor - Manteca (535.10)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Eastern San Joaquin (5-022.01)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
Site History:	Not reported

LUST:

Global Id:	T0607700531
Contact Type:	Regional Board Caseworker
Contact Name:	Alan Buehler
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	alan.buehler@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0607700531
Action Type:	Other
Date:	12/20/1991
Action:	Leak Discovery

Global Id:	T0607700531
Action Type:	Other
Date:	05/26/1992
Action:	Leak Reported

LUST:

Global Id:	T0607700531
Status:	Open - Case Begin Date
Status Date:	12/20/1991

JACKPOT FOOD MART (Continued) **S101592870**

Global Id: T0607700531
Status: Completed - Case Closed
Status Date: 05/29/1997

LUST REG 5:
Name: JACKPOT FOOD MART
Address: 1434 YOSEMITE AVE W
City: MANTECA
Region: 5
Status: Case Closed
Case Number: 390684
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

SWEEPS UST:
Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Not reported
Comp Number: 1465
Number: Not reported
Board Of Equalization: 44-014379
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001465-000001
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 3

Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Not reported
Comp Number: 1465
Number: Not reported
Board Of Equalization: 44-014379
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001465-000002
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL

JACKPOT FOOD MART (Continued) **S101592870**

STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Not reported
Comp Number: 1465
Number: Not reported
Board Of Equalization: 44-014379
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001465-000003
Tank Status: Not reported
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Active
Comp Number: 1465
Number: 1
Board Of Equalization: 44-014379
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 004
SWRCB Tank Id: 39-000-001465-000004
Tank Status: A
Capacity: 12000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Active
Comp Number: 1465
Number: 1
Board Of Equalization: 44-014379
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 005
SWRCB Tank Id: 39-000-001465-000005
Tank Status: A

JACKPOT FOOD MART (Continued) **S101592870**

Capacity: 10000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: JACKPOT FOOD MART
Address: 1434 W YOSEMITE AVE
City: MANTECA
Status: Active
Comp Number: 1465
Number: 1
Board Of Equalization: 44-014379
Referral Date: 05-13-92
Action Date: 05-13-92
Created Date: 07-12-88
Owner Tank Id: 006
SWRCB Tank Id: 39-000-001465-000006
Tank Status: A
Capacity: 10000
Active Date: 05-13-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 39000549
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2092391792
Mail To: Not reported
Mailing Address: 2737 W COMMODORE WAY
Mailing Address 2: Not reported
Mailing City,St,Zip: MANTECA 95336
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: JACKPOT FOOD MART
Address: 1434 YOSEMITE AVE W
City,State,Zip: MANTECA, CA 95336
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700531
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

JACKPOT FOOD MART (Continued) **S101592870**

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:	JACKPOT FOOD MART
edr_fadd1:	1434 YOSEMITE
City,State,Zip:	MANTECA, CA 95336
Region:	CORTESE
Facility County Code:	39
Reg By:	LTNKA
Reg Id:	390684

HAZNET:

Name:	COLONIAL ENERGY LLC DBA CE 40134
Address:	1434 W YOSEMITE AVE
Address 2:	Not reported
City,State,Zip:	MANTECA, CA 95337
Contact:	ALAEDDIN HASSAN
Telephone:	7144485000
Mailing Name:	Not reported
Mailing Address:	2860 N SANTIAGO BLVD
Year:	2020
Gepaid:	CAL000412498
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.168
Year:	2018
Gepaid:	CAL000412498
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.21000
Year:	2017
Gepaid:	CAL000412498
TSD EPA ID:	CAT080013352

JACKPOT FOOD MART (Continued) **S101592870**

CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.084
Year:	2017
Gepaid:	CAL000412498
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.0375
Year:	2016
Gepaid:	CAL000412498
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.084
Year:	2016
Gepaid:	CAL000412498
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.075

Additional Info:

Year:	2020
Gen EPA ID:	CAL000412498
Shipment Date:	5/14/2020
Creation Date:	6/10/2020
Receipt Date:	5/21/2020
Manifest ID:	014681385FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	WORLD OIL RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

JACKPOT FOOD MART (Continued) **S101592870**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Detail Two:

Year:	2018
EM Manifest ID:	010665692FLE20171012_D_1
Shipment Date:	10/12/2017
Receipt Date:	10/19/2017
Manifest Number:	010665692FLE
Generator EPA ID:	CAL000412498
Name:	COLONIAL ENERGY LLC
Address:	Not reported
Address 2:	Not reported
City:	Not reported
Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Transporter 1 EPA ID:	CAR000183913
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAT080016116
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	DEMENNO KERDOON
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City:	Not reported
TSDF Zip:	Not reported
TSDF Telephone:	Not reported

State:

Year:	2018
EM Manifest ID:	010665692FLE20171012_D_1
Generator EPA ID:	CAL000412498
Shipment Date:	2017-10-12
Manifest Number:	010665692FLE
Line Number:	1
Method Code:	H039
Quantity Tons:	0.08400
Quantity Waste:	20.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	134

Additional Info:

Year:	2017
Gen EPA ID:	CAL000412498
Shipment Date:	20171012
Creation Date:	6/20/2018 18:31:46
Receipt Date:	20171019
Manifest ID:	010665692FLE
Trans EPA ID:	CAR000183913

JACKPOT FOOD MART (Continued) **S101592870**

Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.084
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:	20170608
Creation Date:	8/1/2018 18:31:11
Receipt Date:	20170614
Manifest ID:	009697312FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	JACKPOT FOOD MART
Address:	1434 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336
Site ID:	662001
CERS ID:	T0607700531
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported

JACKPOT FOOD MART (Continued) **S101592870**

Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: COLONIAL ENERGY LLC DBA CE 40134
Address: 1434 W YOSEMITE AVE
Address 2: Not reported
City,State,Zip: MANTECA, CA 95337
EPA ID: CAL000412498
Inactive Date: 09/10/2020
Create Date: 11/19/2015
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2860 N SANTIAGO BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: ORANGE, CA 92867
Owner Name: COLONIAL ENERGY LLC
Owner Address: 2860 N SANTIAGO BLVD
Owner Address 2: Not reported
Owner City,State,Zip: ORANGE, CA 92867
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: ALAEDDIN HASSAN
Contact Address: 2860 N SANTIAGO BLVD
Contact Address 2: Not reported
City,State,Zip: ORANGE, CA 928670000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.796985
Longitude: -121.239054

NAICS:
EPA ID: CAL000412498
Create Date: 2015-11-19 15:37:16.910
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2015-11-19 15:37:16.90700
Inactive Date: 2020-09-10 00:00:00
Facility Name: COLONIAL ENERGY LLC DBA CE 40134
Facility Address: 1434 W YOSEMITE AVE
Facility Address 2: Not reported
Facility City: MANTECA
Facility County: Not reported
Facility State: CA
Facility Zip: 95337

F25
West
1/4-1/2
0.289 mi.
1525 ft.

GO GREEN RECYCLING INC
2066 W YOSEMITE AVE
MANTECA, CA 95337

Site 1 of 2 in cluster F

SWRCY **S110326837**
NPDES **N/A**

Relative:
Lower

Actual:
27 ft.

SWRCY:

Name:	GO GREEN RECYCLING INC
Address:	2066 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Reg Id:	54945
Cert Id:	RC14783
Mailing Address:	928 Bodega Ct
Mailing City:	Tracy
Mailing State:	CA
Mailing Zip Code:	95304-5891
Website:	Not reported
Email:	gogreenrecyclers@yahoo.com
Phone Number:	(209) 462-8473
Rural:	N
Operation Begin Date:	06/12/2010
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Fri 9:00 am - 4:45 pm; Sat - Sun 10:00 am - 3:45 pm
Organization ID:	34058
Organization Name:	Go Green Recycling Inc

NPDES:

Name:	GO GREEN RECYCLING INC
Address:	2066 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
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:	5S39I028520
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:	02/07/2020
Operator Name:	Go Green Recycling Inc
Operator Address:	2214 Robindale Ave
Operator City:	Stockton
Operator State:	California
Operator Zip:	95205

GO GREEN RECYCLING INC (Continued) **S110326837**

Name:	GO GREEN RECYCLING INC
Address:	2066 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Facility Status:	Active
NPDES Number:	CAS000001
Region:	5S
Agency Number:	0
Regulatory Measure ID:	484897
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	5S39I028520
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/07/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2214 Robindale Ave
Discharge Name:	Go Green Recycling Inc
Discharge City:	Stockton
Discharge State:	California
Discharge Zip:	95205
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

26
NW
1/4-1/2
0.304 mi.
1607 ft.

SATELLITE HOUSING **ENVIROSTOR** **S108484761**
280 AND 282 N. AIRPORT **VCP** **N/A**
MANTECA, CA 95337

Relative:
Lower

Actual:
26 ft.

ENVIROSTOR:

Name:	SATELLITE HOUSING
Address:	280 AND 282 N. AIRPORT
City,State,Zip:	MANTECA, CA 95337
Facility ID:	60000626
Status:	Inactive - Action Required
Status Date:	03/16/2009
Site Code:	101875
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	3.2
NPL:	NO
Regulatory Agencies:	SMBRP, SAN JOAQUIN COUNTY
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Fernando Amador
Division Branch:	Cleanup Sacramento
Assembly:	9
Senate:	5
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

SATELLITE HOUSING (Continued) **S108484761**

Funding: Responsible Party
Latitude: 37.80046
Longitude: -121.2523
APN: NONE SPECIFIED
Past Use: PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC: Chlordane
Confirmed COC: Chlordane
Potential Description: SOIL
Alias Name: 110033610028
Alias Type: EPA (FRS #)
Alias Name: 101875
Alias Type: Project Code (Site Code)
Alias Name: 60000626
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/10/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/18/2007
Comments: DTSC entered into a Voluntary Cleanup Agreement for oversight of preparation and implementation of a Removal Action workplan.

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

VCP:
Name: SATELLITE HOUSING
Address: 280 AND 282 N. AIRPORT
City,State,Zip: MANTECA, CA 95337
Facility ID: 60000626
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, SAN JOAQUIN COUNTY
Lead Agency: SMBRP

SATELLITE HOUSING (Continued) **S108484761**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Fernando Amador
Division Branch:	Cleanup Sacramento
Site Code:	101875
Assembly:	9
Senate:	5
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Inactive - Action Required
Status Date:	03/16/2009
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.80046 / -121.2523
APN:	NONE SPECIFIED
Past Use:	PESTICIDE/INSECTIDE/RODENTICIDE STORAGE
Potential COC:	30004
Confirmed COC:	30004
Potential Description:	SOIL
Alias Name:	110033610028
Alias Type:	EPA (FRS #)
Alias Name:	101875
Alias Type:	Project Code (Site Code)
Alias Name:	60000626
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	07/10/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	10/28/2008
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	06/18/2007
Comments:	DTSC entered into a Voluntary Cleanup Agreement for oversight of preparation and implementation of a Removal Action workplan.

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

F27 **FRANK'S EXXON #3** **LUST** **S101302569**
West **2072 YOSEMITE** **Cortese** **N/A**
1/4-1/2 **MANTECA, CA 95336** **HIST CORTESE**
0.310 mi.
1635 ft. **Site 2 of 2 in cluster F**

Relative: **Lower**
Actual: **27 ft.**

LUST:

Name:	FRANK'S ONE STOP
Address:	2072 YOSEMITE AVE W
City,State,Zip:	MANTECA, CA 95336-9604
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700558
Global Id:	T0607700558
Latitude:	37.797031673
Longitude:	-121.2519299
Status:	Open - Verification Monitoring
Status Date:	10/29/2012
Case Worker:	AMB
RB Case Number:	390720
Local Agency:	Not reported
File Location:	Regional Board
Local Case Number:	1426
Potential Media Affect:	Well used for drinking water supply
Potential Contaminants of Concern:	Benzene, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Toluene, Xylene
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	05/19/1992
Leak Reported Date:	05/20/1992
How Discovered:	Nuisance Conditions
How Discovered Description:	Phase II Investigation 2/1/1995
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Close and Replace Tank
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	San Joaquin Valley Floor - Manteca (535.10)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Eastern San Joaquin (5-022.01)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5S)
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:	T0607700558
Contact Type:	Regional Board Caseworker - Primary Caseworker

FRANK'S EXXON #3 (Continued) **S101302569**

Contact Name: ALAN M. BUEHLER
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 Sun Center Dr
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: 9164644615

LUST:

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/24/2003
Action: Site Visit / Inspection / Sampling - #2

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/03/2003
Action: * Historical Enforcement - #56882

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/28/2007
Action: Notice of Public Hearing / Board Action - #41

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/21/2007
Action: Technical Correspondence / Assistance / Other - #38

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 01/23/2008
Action: Technical Correspondence / Assistance / Other - #49

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/27/2007
Action: Technical Correspondence / Assistance / Other - #45

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/07/2009
Action: File review

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/07/2009
Action: File review

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/25/2008
Action: Verbal Enforcement

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/02/2008
Action: Staff Letter

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/26/2015
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/02/2020
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 01/28/2021
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 06/03/2021
Action: Staff Letter

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2005
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/01/2005
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/01/2005
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/01/2005
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/29/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 08/30/2007
Action: Other Workplan

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/21/2007
Action: Technical Correspondence / Assistance / Other - #40

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/07/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/25/2001
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/09/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/08/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/21/2001
Action: Interim Remedial Action Report

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/08/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/11/2005
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/11/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/23/1997
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/27/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/26/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/28/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2022
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/30/2022
Action: Well Destruction Report

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/31/2007
Action: Technical Correspondence / Assistance / Other - #42

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/24/2006
Action: Staff Letter - #26

Global Id: T0607700558
Action Type: ENFORCEMENT

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 10/20/2006
Action: Staff Letter - #25

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/20/2007
Action: Meeting - #31

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/14/2007
Action: Staff Letter - #32

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/07/2007
Action: Staff Letter - #34

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/03/2007
Action: Staff Letter - #37

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/21/2007
Action: Technical Correspondence / Assistance / Other - #39

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/28/2006
Action: Staff Letter - #30

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/18/2007
Action: Technical Correspondence / Assistance / Other - #48

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/27/2007
Action: Technical Correspondence / Assistance / Other - #46

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/30/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/29/2010
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/11/2011
Action: Site Visit / Inspection / Sampling

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/19/2013
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/10/2015
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 01/30/2015
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/18/2016
Action: Access Agreement

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/04/2015
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/10/2016
Action: Access Agreement

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/12/2022
Action: Staff Letter

Global Id: T0607700558
Action Type: Other
Date: 05/19/1992
Action: Leak Discovery

Global Id: T0607700558
Action Type: Other
Date: 05/20/1992
Action: Leak Reported

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/31/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/22/2010
Action: Verbal Communication

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 06/21/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/14/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/26/1994
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/18/2002
Action: Monitoring Report - Other

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/31/2000
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/28/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/27/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/31/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/16/2000
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2000
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/05/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/09/2002
Action: Monitoring Report - Quarterly

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/07/2002
Action: Well Installation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/06/1997
Action: Phase I Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2006
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/24/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/06/2001
Action: Well Installation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/23/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/28/1997
Action: Site Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/25/2006
Action: Site Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/16/2000
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/05/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 01/08/2002
Action: Well Installation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/05/2000
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/02/2000
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/23/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/21/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/25/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/15/2001
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/07/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/06/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/30/2002
Action: Remedial Progress Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/17/2006
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/29/2003
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/29/2003
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2000
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/05/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/16/1999
Action: Soil and Water Investigation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/21/2001
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/23/2001
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/12/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/10/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/15/2005
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 02/21/2002
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/03/2003
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/21/2000
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/11/2001
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/14/1989
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/05/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/21/2002
Action: Well Installation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/26/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2006
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/29/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/28/1995
Action: Preliminary Site Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/19/2001
Action: Interim Remedial Action Report

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/25/2001
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/20/2003
Action: Soil and Water Investigation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/22/2002
Action: Well Installation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/09/2002
Action: Monitoring Report - Other

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/08/1999
Action: Site Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/23/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/30/1999
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/19/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/29/2001
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/16/2000
Action: Preliminary Site Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/15/2000
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 07/21/2005
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/08/2002
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/17/2002
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/28/1997
Action: Phase I Assessment Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/28/1998
Action: Monitoring Report - Other

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/26/2001
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/16/1998
Action: Interim Remedial Action Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/10/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/29/2000
Action: Soil and Water Investigation Report

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/28/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/21/2005
Action: Monitoring Report - Semi-Annually

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/25/2002
Action: Well Installation Report

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/28/2002
Action: Well Installation Report

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/05/2007
Action: Staff Letter - #35

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/24/2007
Action: Technical Correspondence / Assistance / Other - #36

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/08/2006
Action: Staff Letter - #23

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/03/2006
Action: Staff Letter - #22

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/01/2007
Action: Technical Correspondence / Assistance / Other - #43

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/11/2006
Action: Staff Letter - #24

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/27/2006
Action: Meeting - #29

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/17/2006
Action: Staff Letter - #28

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/04/2008
Action: Preparation of Agenda Item

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/01/2010
Action: Notice of Public Hearing / Board Action

Global Id: T0607700558
Action Type: ENFORCEMENT

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 01/12/2011
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/19/2012
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/16/2013
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/24/2016
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/16/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/04/2015
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/02/2016
Action: Notification - Public Participation Document

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 06/13/2018
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 01/04/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/25/2019
Action: Staff Letter

Global Id: T0607700558
Action Type: Other
Date: 05/19/1992
Action: Leak Began

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/01/2006
Action: Monitoring Report - Quarterly

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/03/2007
Action: Verbal Communication

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/01/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/08/2006
Action: Unknown

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/22/2006
Action: Verbal Communication

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/13/2006
Action: Other Workplan

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2007
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/28/2012
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/13/2013
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2014
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 01/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/30/2014
Action: Fact Sheets - Public Participation

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/25/2014
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2015
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/03/2015
Action: Correspondence

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/31/2005
Action: Administrative Civil Liabilities Complaint

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/16/2004
Action: Notice of Violation

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/29/2003
Action: Staff Letter - #6

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/18/2003
Action: Clean-up and Abatement Order - #CAO # R5-2003-0713

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/22/2003
Action: Staff Letter - #4

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/28/2003
Action: Staff Letter - #5

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/03/2004
Action: Staff Letter - #8

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/31/2003
Action: Staff Letter - #7

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 07/26/2004
Action: Meeting - #12

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/12/2004
Action: Meeting - #9

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/01/2004
Action: Staff Letter - #14

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/25/2005
Action: Site Visit / Inspection / Sampling - #18

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/30/2004
Action: Site Visit / Inspection / Sampling - #10

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/18/2004
Action: Staff Letter - #11

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/16/2004
Action: * Historical Enforcement

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/16/2004
Action: * Historical Enforcement

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/04/2004
Action: Staff Letter - #13

Global Id: T0607700558
Action Type: ENFORCEMENT

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 12/03/2007
Action: Notice of Public Hearing / Board Action - #47

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/06/2007
Action: Verbal Communication - #44

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/22/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 06/14/2011
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 07/08/2010
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 11/21/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/05/2013
Action: Meeting

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 12/27/2016
Action: Other Report

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 02/24/2016
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 08/01/2016
Action: Letter - Notice

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 09/28/2016
Action: Access Agreement

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/16/2004
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/15/2003
Action: Other Workplan

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/30/2005
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2006
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2006
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2006
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 09/21/2006
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/27/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/06/2007
Action: Verbal Communication

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 02/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 12/18/2007
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/01/2006
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/01/2006
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 03/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2006
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2006
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/23/2012
Action: Correspondence

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/15/2012
Action: Correspondence

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/17/2005
Action: Site Visit / Inspection / Sampling - #20

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/09/2003
Action: * Verbal Communication - #56882

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/20/2003
Action: * Referral to Regional Board or Another State Agency - #56874

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 04/09/2003
Action: * Referral to Regional Board or Another State Agency - #56882

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/20/2003
Action: * Historical Enforcement - #56874

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 10/13/2006
Action: Notice of Public Hearing / Board Action - #27

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 03/08/2005
Action: Site Visit / Inspection / Sampling - #19

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 05/27/2007
Action: Staff Letter - #33

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 06/26/2012
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 05/15/2012
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 06/12/2020
Action: Staff Letter

Global Id: T0607700558
Action Type: ENFORCEMENT
Date: 01/04/2023
Action: Staff Letter

Global Id: T0607700558
Action Type: Other
Date: 06/01/1998
Action: Leak Stopped

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2010
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2011
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2008
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/01/2009
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2010
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2009
Action: Monitoring Report - Quarterly

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Action Type: RESPONSE
Date: 02/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2004
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 06/29/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/01/2005
Action: Electronic Reporting Submittal Due

Global Id: T0607700558
Action Type: RESPONSE
Date: 11/30/2006
Action: Other Report / Document

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2005
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 08/01/2005
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2011
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2012
Action: Monitoring Report - Quarterly

Global Id: T0607700558
Action Type: RESPONSE
Date: 05/31/2012
Action: Correspondence

Global Id: T0607700558
Action Type: RESPONSE

FRANK'S EXXON #3 (Continued) **S101302569**

Date: 03/23/2012
Action: Correspondence - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2012
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/30/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 07/30/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 10/30/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 04/15/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0607700558
Action Type: RESPONSE
Date: 01/30/2014
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607700558
Action Type: REMEDIATION
Date: 12/20/2001
Action: Soil Vapor Extraction (SVE)

Global Id: T0607700558
Action Type: REMEDIATION
Date: 10/06/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0607700558
Action Type: REMEDIATION
Date: 01/01/2003
Action: Monitored Natural Attenuation

LUST:
Global Id: T0607700558
Status: Open - Case Begin Date
Status Date: 05/19/1992

FRANK'S EXXON #3 (Continued) **S101302569**

Global Id: T0607700558
Status: Open - Site Assessment
Status Date: 05/20/1992

Global Id: T0607700558
Status: Open - Remediation
Status Date: 10/02/2000

Global Id: T0607700558
Status: Open - Verification Monitoring
Status Date: 01/01/2004

Global Id: T0607700558
Status: Open - Remediation
Status Date: 10/18/2012

Global Id: T0607700558
Status: Open - Verification Monitoring
Status Date: 10/29/2012

LUST REG 5:
Name: FRANK'S ONE STOP
Address: 2072 YOSEMITE AVE W
City: MANTECA
Region: 5
Status: Leak being confirmed
Case Number: 390720
Case Type: Drinking water wells have been affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Regional
Program: LUST
MTBE Code: 5

CORTESE:
Name: FRANK'S ONE STOP
Address: 2072 YOSEMITE AVE W
City,State,Zip: MANTECA, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700558
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - VERIFICATION MONITORING
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

FRANK'S EXXON #3 (Continued) **S101302569**

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: FRANK'S EXXON #3
edr_fadd1: 2072 YOSEMITE
City,State,Zip: MANTECA, CA 95336
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA
Reg Id: 390720

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28 **CHEVRON #9-1848** **LUST** **S101302566**
ENE **1257 YOSEMITE** **Cortese** **N/A**
1/4-1/2 **MANTECA, CA 95336** **HIST CORTESE**
0.423 mi. **CERS**
2234 ft.

Relative:
Higher

Actual:
30 ft.

LUST:
Name: CHEVRON #9-1848
Address: 1257 YOSEMITE AVE W
City,State,Zip: MANTECA, CA 95336
Lead Agency: SAN JOAQUIN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700493
Global Id: T0607700493
Latitude: 37.797648842
Longitude: -121.236241148
Status: Completed - Case Closed
Status Date: 06/28/2008
Case Worker: Not reported
RB Case Number: 390633
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 1463
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Manual Entry on Screens
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 06/25/1991
Leak Reported Date: 07/14/1991
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Close and Replace Tank
Stop Description: Not reported
No Further Action Date: 06/28/2008
CA Water Watershed Name: San Joaquin Valley Floor - Manteca (535.10)
Dwr Groundwater Subbasin Name: San Joaquin Valley - Eastern San Joaquin (5-022.01)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 66-70%
CA Enviroscreen 4 Score: 55-60%

CHEVRON #9-1848 (Continued) **S101302566**

Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5S)
Site History: 4 USTs removed June 1991. New/additional USTs installed. Soil contamination noted at 1991 removal and over-excavation conducted to remove most.Site entered EHD-LOP July 1991. 3 monitoring wells installed July 1991. No other remediation completed. SIte received NFA June 2008 after wells removed.

LUST:
Global Id: T0607700493
Contact Type: Regional Board Caseworker
Contact Name: Alan Buehler
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: alan.buehler@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607700493
Action Type: Other
Date: 06/26/1991
Action: Leak Discovery

Global Id: T0607700493
Action Type: Other
Date: 07/14/1991
Action: Leak Reported

Global Id: T0607700493
Action Type: ENFORCEMENT
Date: 06/25/1991
Action: Notice of Reimbursement

Global Id: T0607700493
Action Type: ENFORCEMENT
Date: 02/22/2007
Action: Technical Correspondence / Assistance / Other

Global Id: T0607700493
Action Type: ENFORCEMENT
Date: 06/26/2008
Action: Closure/No Further Action Letter

LUST:
Global Id: T0607700493
Status: Open - Case Begin Date
Status Date: 06/25/1991

Global Id: T0607700493
Status: Open - Remediation
Status Date: 07/14/1991

Global Id: T0607700493
Status: Open - Site Assessment
Status Date: 04/04/1997

CHEVRON #9-1848 (Continued) **S101302566**

Global Id: T0607700493
Status: Open - Site Assessment
Status Date: 03/18/2007

Global Id: T0607700493
Status: Completed - Case Closed
Status Date: 06/28/2008

LUST REG 5:
Name: CHEVRON #9-1848
Address: 1257 YOSEMITE AVE W
City: MANTECA
Region: 5
Status: Leak being confirmed
Case Number: 390633
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: 1

CORTESE:
Name: CHEVRON #9-1848
Address: 1257 YOSEMITE AVE W
City,State,Zip: MANTECA, CA 95336
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700493
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: CHEVRON #9-1848
edr_fadd1: 1257 YOSEMITE
City,State,Zip: MANTECA, CA 95336
Region: CORTESE
Facility County Code: 39
Reg By: LTNKA

CHEVRON #9-1848 (Continued) **S101302566**

Reg Id: 390633

CERS:
Name: CHEVRON #9-1848
Address: 1257 YOSEMITE AVE W
City,State,Zip: MANTECA, CA 95336
Site ID: 643807
CERS ID: T0607700493
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title: Not reported
Affiliation Address: 11020 SUN CENTER DRIVE #200
Affiliation City: RANCHO CORDOVA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

29
SE
1/2-1
0.668 mi.
3526 ft.

NUR-AL-HUDA ACADEMY
1085 SOUTH UNION ROAD
MANTECA, CA 95337

RESPONSE **S108936081**
ENVIROSTOR **N/A**
LIENS

Relative: Higher

Actual: 42 ft.

RESPONSE:
Name: NUR-AL-HUDA ACADEMY
Address: 1085 SOUTH UNION ROAD
City,State,Zip: MANTECA, CA 95337
Facility ID: 60002130
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 3.67
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Mckinley Lewis Jr.
Supervisor: Juan Peng
Division Branch: Cleanup Sacramento
Site Code: 102257
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 9
Senate: 5
Special Program Status: Voluntary Agreement - Prospective Purchaser Program
Status: Certified
Status Date: 02/22/2019
Restricted Use: NO
Funding: Responsible Party
Latitude: 37.78843
Longitude: -121.2360
APN: 222-240-120-000
Past Use: ABOVE GROUND STORAGE TANKS, AGRICULTURAL - ORCHARD, DISTRIBUTOR - CHEMICAL, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RESEARCH - CHEMICAL

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Potential COC :	Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-MOTOR OIL Cadmium and compounds Benzo[a]pyrene
Confirmed COC:	300 013 000 930
Potential Description:	SOIL
Alias Name:	Gordon Research
Alias Type:	Alternate Name
Alias Name:	Nur Al Huda
Alias Type:	Alternate Name
Alias Name:	Nur Al-Huda
Alias Type:	Alternate Name
Alias Name:	Nur-Al Huda
Alias Type:	Alternate Name
Alias Name:	222-240-120-000
Alias Type:	APN
Alias Name:	102257
Alias Type:	Project Code (Site Code)
Alias Name:	60000746
Alias Type:	Envirostor ID Number
Alias Name:	60002130
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	06/25/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/29/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Plan Amendment
Completed Date:	09/24/2018
Comments:	Addendum for additional soil removal was approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/15/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Financial Assurance Documentation
Completed Date:	04/11/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/13/2018
Comments:	Final fieldwork activities were completed on December 13, 2018.

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/18/2018
Comments: No9tice has been approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/05/2017
Comments: Notice was approved for released. No approval letter from DTSC issued. Approval was done so verbally.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/19/2018
Comments: 2nd Public Notice completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/15/2017
Comments: Verbal approval given. There will not be a written letter given.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 05/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/26/2018
Comments: This is the signed and registered NOE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2018
Comments: 2018-2019 Annual Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Document Type:	Pre-HARP Form
Completed Date:	10/17/2018
Comments:	FY18-19 Cost Estimate.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Request for Tribal Outreach
Completed Date:	01/02/2018
Comments:	Letter/memo was submitted to Tribes January 2, 2018.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Request for Tribal Outreach
Completed Date:	11/12/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/12/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/21/2019
Comments:	Letters to Bank of Stockton releasing funds to RP.
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
Name:	GORDON RESEARCH COMPANY
Address:	1085 SOUTH UNION ROAD
City,State,Zip:	MANTECA, CA 95336
Facility ID:	60000746
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	3.67
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, SAN JOAQUIN COUNTY
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mckinley Lewis Jr.
Supervisor:	Juan Peng
Division Branch:	Cleanup Sacramento
Site Code:	101924
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	9
Senate:	5
Special Program Status:	Not reported
Status:	Certified

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Status Date:	02/22/2019
Restricted Use:	NO
Funding:	Not reported
Latitude:	37.78831
Longitude:	-121.2355
APN:	222-240-12, 22224012
Past Use:	BATTERY RECLAMATION, BATTERY STORAGE, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, EQUIPMENT/INSTRUMENT REPAIR, INCINERATOR - OTHER, MANUFACTURING - CHEMICALS, RESEARCH - CHEMICAL
Potential COC :	Under Investigation
Confirmed COC:	31001-NO
Potential Description:	CSS, SOIL
Alias Name:	222-240-12
Alias Type:	APN
Alias Name:	22224012
Alias Type:	APN
Alias Name:	110033620641
Alias Type:	EPA (FRS #)
Alias Name:	101924
Alias Type:	Project Code (Site Code)
Alias Name:	60000746
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/11/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	08/06/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Form 1479 - Site and Collections Summary
Completed Date:	03/12/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Litigation Support
Completed Date:	03/04/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/21/2015
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	01/20/2017

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 05/04/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/09/2013
Comments: Reference documents

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/09/2011
Comments: Task complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 02/18/2013
Comments: Notice of Intent to Place Lien was sent out 2/15/2013 via certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/11/2013
Comments: Not reported

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/27/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/07/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 09/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 07/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/10/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 06/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/02/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2011
Comments: Fence repair completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 05/07/2009
Comments: Access signed by Mr. Jim Gordon and received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/16/2009
Comments: PARC Specialties (PARC), under Emergency Response Expenditure Report # 2009-03-06, was authorized to proceed with the transportation and disposal of the compressed gas cylinders, located at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/01/2011

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Final Determination of Non-Compliance
Completed Date:	07/06/2009
Comments:	Completed and mailed on 7/6/2009 by certified mail.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/21/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Work Plan
Completed Date:	07/13/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	06/21/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	06/21/2010
Comments:	Work Notice has been completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/05/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	03/10/2010
Comments:	Response letter to Mr.. Gordon’s original letter to DTSC and Governor. The response letter came from Stew Black.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Substantial Endangerment Order
Completed Date:	11/28/2007
Comments:	On this date DTSC mailed the I&SE Order which requires fencing and posting of the site, development of a chemical identification and disposal plan, and a post removal characterization. The effe ctive date of the order is (50 Days after todays date as it is on this date that DTSC mailed out the Order. n The first requirement to be met will be that ten day from today the respondent will have to submit a letter of intent.

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 05/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 02/21/2019
Comments: Site has been certified.

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: NUR-AL-HUDA ACADEMY
Address: 1085 SOUTH UNION ROAD
City,State,Zip: MANTECA, CA 95337
Facility ID: 60002130
Status: Certified
Status Date: 02/22/2019
Site Code: 102257
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 3.67
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Mckinley Lewis Jr.
Supervisor: Juan Peng
Division Branch: Cleanup Sacramento
Assembly: 9
Senate: 5
Special Program: Voluntary Agreement - Prospective Purchaser Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.78843
Longitude: -121.2360
APN: 222-240-120-000
Past Use: ABOVE GROUND STORAGE TANKS, AGRICULTURAL - ORCHARD, DISTRIBUTOR - CHEMICAL, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, RESEARCH - CHEMICAL
Potential COC: Arsenic Dioxin (as 2,3,7,8-TCDD TEQ Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-MOTOR OIL Cadmium and compounds Benzo[a]pyrene
Confirmed COC: 300 013 000 930 013 000 000 000 000 000 000 000 000 000
Potential Description: SOIL
Alias Name: Gordon Research

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Alias Type: Alternate Name
Alias Name: Nur Al Huda
Alias Type: Alternate Name
Alias Name: Nur Al-Huda
Alias Type: Alternate Name
Alias Name: Nur-Al Huda
Alias Type: Alternate Name
Alias Name: 222-240-120-000
Alias Type: APN
Alias Name: 102257
Alias Type: Project Code (Site Code)
Alias Name: 60000746
Alias Type: Envirostor ID Number
Alias Name: 60002130
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/25/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/29/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan Amendment
Completed Date: 09/24/2018
Comments: Addendum for additional soil removal was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/15/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 04/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/13/2018
Comments: Final fieldwork activities were completed on December 13, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/18/2018
Comments: No9tice has been approved.

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/05/2017
Comments: Notice was approved for released. No approval letter from DTSC issued. Approval was done so verbally.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/19/2018
Comments: 2nd Public Notice completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/19/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/15/2017
Comments: Verbal approval given. There will not be a written letter given.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 05/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 04/26/2018
Comments: This is the signed and registered NOE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/18/2018
Comments: 2018-2019 Annual Cost Estimate

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/17/2018
Comments: FY18-19 Cost Estimate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Document Type:	Request for Tribal Outreach
Completed Date:	01/02/2018
Comments:	Letter/memo was submitted to Tribes January 2, 2018.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Request for Tribal Outreach
Completed Date:	11/12/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/12/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/21/2019
Comments:	Letters to Bank of Stockton releasing funds to RP.
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

Name:	GORDON RESEARCH COMPANY
Address:	1085 SOUTH UNION ROAD
City,State,Zip:	MANTECA, CA 95336
Facility ID:	60000746
Status:	Certified
Status Date:	02/22/2019
Site Code:	101924
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	3.67
NPL:	NO
Regulatory Agencies:	SMBRP, SAN JOAQUIN COUNTY
Lead Agency:	SMBRP
Program Manager:	Mckinley Lewis Jr.
Supervisor:	Juan Peng
Division Branch:	Cleanup Sacramento
Assembly:	9
Senate:	5
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.78831
Longitude:	-121.2355
APN:	222-240-12, 22224012

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Past Use: BATTERY RECLAMATION, BATTERY STORAGE, DEGREASING FACILITY, DISTRIBUTOR - CHEMICAL, EQUIPMENT/INSTRUMENT REPAIR, INCINERATOR - OTHER, MANUFACTURING - CHEMICALS, RESEARCH - CHEMICAL
Potential COC: Under Investigation
Confirmed COC: 31001-NO
Potential Description: CSS, SOIL
Alias Name: 222-240-12
Alias Type: APN
Alias Name: 22224012
Alias Type: APN
Alias Name: 110033620641
Alias Type: EPA (FRS #)
Alias Name: 101924
Alias Type: Project Code (Site Code)
Alias Name: 60000746
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 03/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/04/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 05/04/2016

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/09/2013
Comments: Reference documents

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/09/2011
Comments: Task complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 02/18/2013
Comments: Notice of Intent to Place Lien was sent out 2/15/2013 via certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/03/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/27/2013
Comments: Not reported

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/07/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 09/13/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 07/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 08/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/10/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Date: 05/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 06/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/21/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 09/02/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2011
Comments: Fence repair completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 05/07/2009
Comments: Access signed by Mr. Jim Gordon and received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/16/2009
Comments: PARC Specialties (PARC), under Emergency Response Expenditure Report # 2009-03-06, was authorized to proceed with the transportation and disposal of the compressed gas cylinders, located at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 07/06/2009

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Comments:	Completed and mailed on 7/6/2009 by certified mail.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/21/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Work Plan
Completed Date:	07/13/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	06/21/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	06/21/2010
Comments:	Work Notice has been completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/05/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	03/10/2010
Comments:	Response letter to Mr.. Gordon’s original letter to DTSC and Governor. The response letter came from Stew Black.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Imminent and/or Substantial Endangerment Order
Completed Date:	11/28/2007
Comments:	On this date DTSC mailed the I&SE Order which requires fencing and posting of the site, development of a chemical identification and disposal plan, and a post removal characterization. The effe ctive date of the order is (50 Days after todays date as it is on this date that DTSC mailed out the Order. n The first requirement to be met will be that ten day from today the respondent will have to submit a letter of intent.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Settlement - Administrative
Completed Date:	05/11/2017
Comments:	Not reported

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	02/21/2019
Comments:	Site has been certified.
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

LIENS:

Name:	GORDON RESEARCH COMPANY
City,State,Zip:	MANTECA, CA 95336
Envirostor Id:	60000746
Latitude:	37.788310
Longitude:	-121.23550
Project Mgr:	MCKINLEY LEWIS JR.
Project Code:	101924
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	CERTIFIED
Site Type:	STATE RESPONSE OR NPL
Completed:	08/14/2013
Lien Amount:	$367,920.96
Amount Remaining:	Not reported
APNS:	222-240-12, 22224012
Description:	This Site is located within a residential district of Manteca. The southwestern corner of the property abuts the northwestern corner of the Brock Elliot Elementary School. In October of 2007, San Joaquin County Environmental Health Department conducted an inspection which revealed wastes accumulated and potentially being deposited into the soil at the Site. Reportedly, trespassers are scavenging for recyclable or salable materials, or squatting on the Site. A deceased owner of the property operated numerous commercial ventures at the Site and maintained a residence at the property. The county requested DTSC oversight of the removal and disposal of the improperly stored chemicals at the site. A review of the available DTSC file revealed that prior to 1988, a chemical formulation, repackaging and resale businesses operated at the Site. The businesses were known as Gordon Research Company and U.S. Gordon Subproperty. These businesses purchased bulk chemicals and stored them at the site. In 1984, in response to a complaint received by the State of California Department of Health Services (DHS), a predecessor to DTSC, conducted an inspection at the site. The inspection revealed activities for which the operator did not hold the required permits. By December 1985, DHS inspections found that most of the chemicals were removed from the Site. From 1984 through 1986 the San Joaquin District Attorney's Office in conjunction with DHS conducted enforcement actions which resulted in chemicals being removed from the property. In 1986; the San Joaquin County Superior Court issued a permanent injunction which prohibited Larry Gordon, dba Gordon Research

NUR-AL-HUDA ACADEMY (Continued) **S108936081**

Company, dba U.S. Gordon Subproperty from handling treating, storing, or disposing of hazardous substances/wastes. In 1988, the site was inspected by DHS staff, the Manteca Fire Department, and the county District Attorney's office. At the time of the inspection, a portion of the property was surrounded by a fence. Within the fenced area 10-20 drums were noted. These drums contained products used by the property owner in maintaining equipment used in the commercial/agricultural operations. The October 2007 inspection revealed, among other things, unlabeled containers and high-pressure cylinders. Open containers with handwritten notations were observed. All of the containers have been exposed to the elements some of them have deteriorated and are leaking. Containers are stored in the open and accessible to trespassers. There are between ten (10) and twenty (20) compressed gas cylinders which are not labeled nor stored in a manner consistent with proper industrial standards. There is at least one large battery at the site. On November 28, 2007 DTSC issued an Imminent & Substantial Determination and Order which specifies the assessment and remedies necessary to address the conditions at the site. In response to the determination and order, representatives of the property owner has installed and regularly maintains the fence that surrounds the site, submitted a draft public participation plan, and a draft chemical identification and disposal plan. Between 2008 and 2011, DTSC completed the removal of contamination from the site began by the responsible party and conducted a Preliminary Endangerment Assessment (PEA) where two rounds of soil and groundwater sampling was done. From the sampling results, it was found that several hotspots exist on the site that will require remediation. The type of remediation recommended in the PEA report is soil removal. In addition, DTSC has initiated cost recovery actions by placing a lien against the property. In May 2017, DTSC settled with a prospective purchaser, the Nur-Al Huda Academy, for past costs and cleanup of the property for redevelopment. See the Nur-Al Huda project for recent information.

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MANTECA	S100186163	SPRECKELS SUGAR COMPANY, INC.	YOSEMITE AVE	95336	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2023
Date Data Arrived at EDR: 03/28/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2023
Next Scheduled EDR Contact: 10/09/2023
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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
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: 05/25/2023
Date Data Arrived at EDR: 05/31/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 54

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 11/20/2023
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: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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 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 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: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

LUST REG 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 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Lists of 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: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
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: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 11/20/2023
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: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
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: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
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: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
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: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
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: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/06/2023
Date Data Arrived at EDR: 06/07/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 79
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 81
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/19/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/15/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 81

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
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: 05/08/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 55
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239
Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/20/2023
Next Scheduled EDR Contact: 10/02/2023
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: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
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: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/16/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 06/12/2023
Next Scheduled EDR Contact: 10/30/2023
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: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/15/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 70
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/12/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
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: 06/22/2023
Next Scheduled EDR Contact: 10/09/2023
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: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
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: 03/31/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
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: 03/25/2023
Date Data Arrived at EDR: 03/31/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/14/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/06/2023
Number of Days to Update: 84

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1469
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 07/13/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77
Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 07/24/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 02/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1461
Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 05/24/2023
Date Data Arrived at EDR: 05/30/2023
Date Made Active in Reports: 08/21/2023
Number of Days to Update: 83
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN 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: 05/17/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 83
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 82
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/19/2023
Number of Days to Update: 82
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/25/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1467
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 04/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 06/08/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/09/2023
Next Scheduled EDR Contact: 09/25/2023
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/11/2023
Date Data Arrived at EDR: 01/17/2023
Date Made Active in Reports: 04/04/2023
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 06/28/2023
Next Scheduled EDR Contact: 10/30/2023
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: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 85
Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/14/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 85
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/14/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 84
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/08/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/06/2023
Date Data Arrived at EDR: 06/07/2023
Date Made Active in Reports: 08/25/2023
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing

Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/07/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/02/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/17/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/06/2023
Number of Days to Update: 79

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/05/2023
Date Data Arrived at EDR: 06/05/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 06/07/2023
Date Data Arrived at EDR: 06/08/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 1

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 03/29/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 75

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2023
Date Data Arrived at EDR: 03/21/2023
Date Made Active in Reports: 06/06/2023
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/20/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/10/2023
Date Data Arrived at EDR: 05/10/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 82

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
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: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 75

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 13

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/26/2023
Date Data Arrived at EDR: 07/27/2023
Date Made Active in Reports: 08/03/2023
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/31/2023
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
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: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/06/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 81

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/11/2023
Date Made Active in Reports: 06/26/2023
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/10/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/14/2023
Next Scheduled EDR Contact: 10/02/2023
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: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/13/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 48

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/20/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 82
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/22/2023
Next Scheduled EDR Contact: 10/02/2023
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 80
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/05/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 81

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/09/2023
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/01/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 27

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 78
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
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: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 77
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/10/2023
Date Data Arrived at EDR: 04/12/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 62
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/29/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 05/09/2023
Date Data Arrived at EDR: 05/10/2023
Date Made Active in Reports: 08/01/2023
Number of Days to Update: 83

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/25/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 08/16/2023
Number of Days to Update: 83

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
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: 04/28/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 05/03/2023
Number of Days to Update: 5
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 04/11/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 89
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/10/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 81

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/08/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/10/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/05/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/11/2023
Date Data Arrived at EDR: 05/11/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 81

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 06/28/2023
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
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: 03/27/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 80

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
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: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
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: 08/02/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/27/2023
Date Data Arrived at EDR: 04/21/2023
Date Made Active in Reports: 07/07/2023
Number of Days to Update: 77

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2023
Date Data Arrived at EDR: 06/02/2023
Date Made Active in Reports: 06/14/2023
Number of Days to Update: 12

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/06/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 04/03/2023
Date Data Arrived at EDR: 04/18/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 56

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/21/2023
Next Scheduled EDR Contact: 10/09/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/04/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 82

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
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: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
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: 06/27/2023
Next Scheduled EDR Contact: 10/16/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/06/2023
Next Scheduled EDR Contact: 10/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VACANT LAND/RESIDENTIAL PROPERTY
1758 WEST YOSEMITE AVE
MANTECA, CA 95337

TARGET PROPERTY COORDINATES

Latitude (North):	37.796347 - 37° 47' 46.85''
Longitude (West):	121.244934 - 121° 14' 41.76''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	654525.2
UTM Y (Meters):	4184465.2
Elevation:	29 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12008736 MANTECA, CA
Version Date:	2018
West Map:	12008720 LATHROP, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

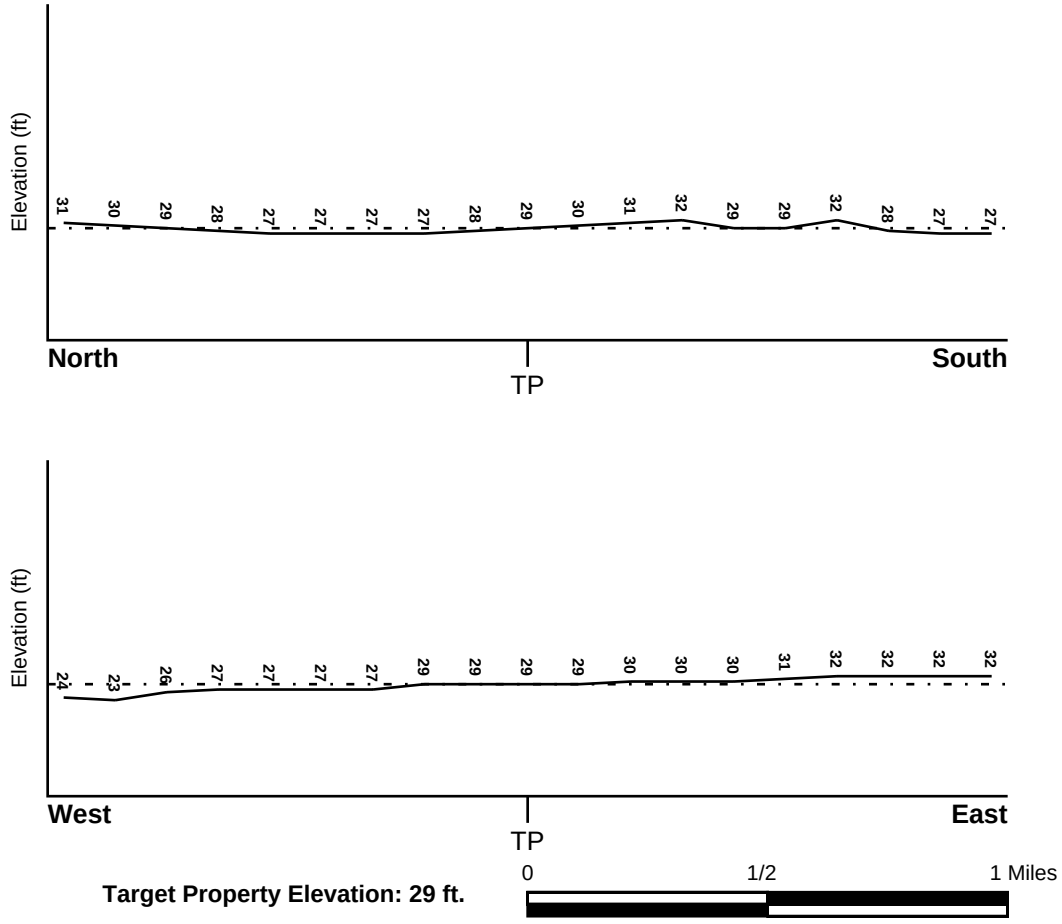
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 29 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06077C0640F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06077C0620F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MANTECA	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

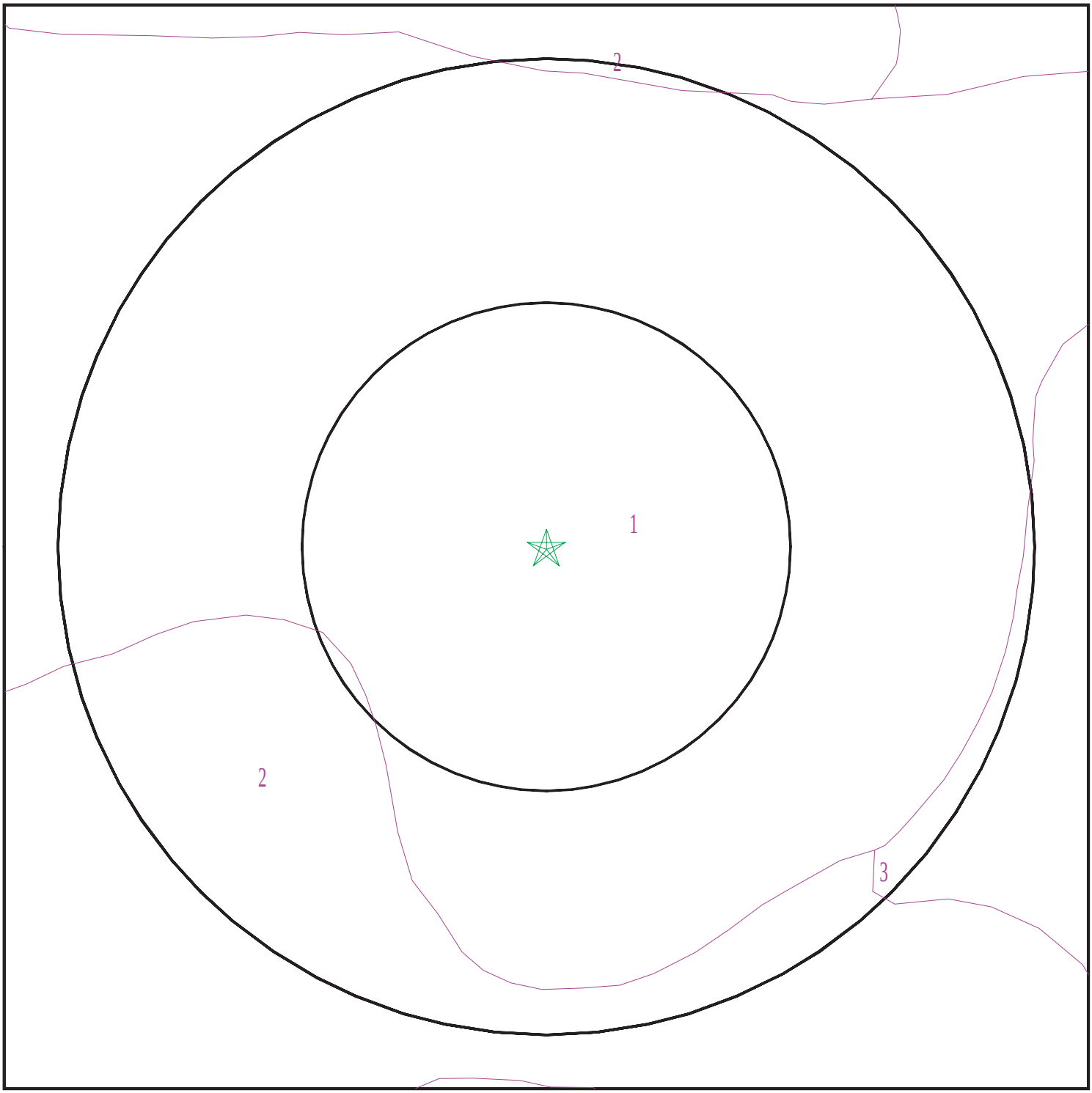
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 7443926.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
LAT/LONG:	37.796347 / 121.244934	INQUIRY #:	7443926.2s
		DATE:	September 13, 2023 6:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: VERITAS

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
2	14 inches	53 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:
3	53 inches	70 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.01 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: TINNIN

Soil Surface Texture: loamy coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
2	27 inches	53 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6
3	53 inches	74 inches	loamy coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: DELHI

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	16 inches	25 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
3	25 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
56	USGS40000185751	1/2 - 1 Mile NNE
71	USGS40000185590	1/2 - 1 Mile SSW
N73	USGS40000185639	1/2 - 1 Mile ESE
74	USGS40000185589	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADWR9000037600	1/8 - 1/4 Mile West
A2	19403	1/8 - 1/4 Mile SW
A3	23161	1/8 - 1/4 Mile SW
B4	CAEDF0000105923	1/4 - 1/2 Mile WNW
B5	CAEDF0000123145	1/4 - 1/2 Mile WNW
B6	CAEDF0000035629	1/4 - 1/2 Mile WNW
B7	CAEDF0000043235	1/4 - 1/2 Mile WNW
B8	CAEDF0000043513	1/4 - 1/2 Mile WNW
B9	CAEDF0000079828	1/4 - 1/2 Mile WNW
B10	CAEDF0000035185	1/4 - 1/2 Mile WNW
B11	CAEDF0000012960	1/4 - 1/2 Mile NW
B12	CAEDF0000131172	1/4 - 1/2 Mile WNW
C13	CADDW0000000524	1/4 - 1/2 Mile West
C14	CAEDF0000127678	1/4 - 1/2 Mile WNW
C15	CAEDF0000085302	1/4 - 1/2 Mile WNW
C16	CAEDF0000079872	1/4 - 1/2 Mile West
C17	CAEDF0000104491	1/4 - 1/2 Mile West
C18	CAEDF0000112859	1/4 - 1/2 Mile West
C19	CADWR9000037605	1/4 - 1/2 Mile West
D20	CAEDF0000143429	1/4 - 1/2 Mile WNW
D21	CAEDF0000140872	1/4 - 1/2 Mile WNW
D22	CAEDF0000067686	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D23	CAEDF0000139044	1/4 - 1/2 Mile WNW
D24	CAEDF0000080053	1/4 - 1/2 Mile WNW
E25	CADWR9000037588	1/4 - 1/2 Mile SSW
E26	CADDW0000002245	1/4 - 1/2 Mile SSW
E27	CALLNL000001255	1/4 - 1/2 Mile SSW
F28	CAEDF0000023167	1/4 - 1/2 Mile WNW
F29	CAEDF0000125387	1/4 - 1/2 Mile WNW
F30	CAEDF0000099950	1/4 - 1/2 Mile WNW
F31	CAEDF0000033149	1/4 - 1/2 Mile WNW
E32	CAEDF0000007586	1/4 - 1/2 Mile SSW
F33	CAEDF0000022321	1/4 - 1/2 Mile WNW
F34	CAEDF0000138323	1/4 - 1/2 Mile WNW
G35	CAEDF0000079263	1/4 - 1/2 Mile East
36	CAEDF0000100608	1/4 - 1/2 Mile WNW
G37	CAEDF0000021962	1/4 - 1/2 Mile East
G38	CAEDF0000006023	1/4 - 1/2 Mile East
39	CADDW0000011791	1/2 - 1 Mile SSE
H40	CAEDF0000093428	1/2 - 1 Mile WNW
H41	CAEDF0000008145	1/2 - 1 Mile WNW
H42	CAEDF0000043102	1/2 - 1 Mile WNW
H43	CAEDF0000100666	1/2 - 1 Mile WNW
H44	CAEDF0000101989	1/2 - 1 Mile WNW
H45	CAEDF0000132694	1/2 - 1 Mile WNW
I46	CAEDF0000014337	1/2 - 1 Mile WNW
I47	CAEDF0000001865	1/2 - 1 Mile WNW
I48	CAEDF0000108726	1/2 - 1 Mile WNW
I49	CAEDF0000065304	1/2 - 1 Mile WNW
J50	CAEDF0000114842	1/2 - 1 Mile East
J51	CAEDF0000003496	1/2 - 1 Mile East
J52	CAEDF0000045636	1/2 - 1 Mile East
J53	CAEDF0000092941	1/2 - 1 Mile East
J54	CAEDF0000091215	1/2 - 1 Mile East
J55	CADWR9000037601	1/2 - 1 Mile East
K57	1054	1/2 - 1 Mile ENE
K58	23152	1/2 - 1 Mile ENE
K59	CADDW0000022208	1/2 - 1 Mile ENE
L60	CADWR0000014216	1/2 - 1 Mile East
61	CADWR9000037633	1/2 - 1 Mile NE
L62	CAEDF0000099677	1/2 - 1 Mile East
L63	CAEDF0000086913	1/2 - 1 Mile East
M64	CAEDF0000053929	1/2 - 1 Mile East
L65	CAEDF0000047585	1/2 - 1 Mile East
L66	CAEDF0000135183	1/2 - 1 Mile East
M67	CAEDF0000006026	1/2 - 1 Mile East
M68	CAEDF0000095027	1/2 - 1 Mile East
M69	CAEDF0000143046	1/2 - 1 Mile East
N70	CALLNL000000710	1/2 - 1 Mile ESE
N72	CADDW0000016730	1/2 - 1 Mile ESE
O75	CAEDF0000048435	1/2 - 1 Mile WNW
O76	CAEDF0000003499	1/2 - 1 Mile WNW
O77	CAEDF0000084467	1/2 - 1 Mile WNW
O78	CADDW0000002135	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

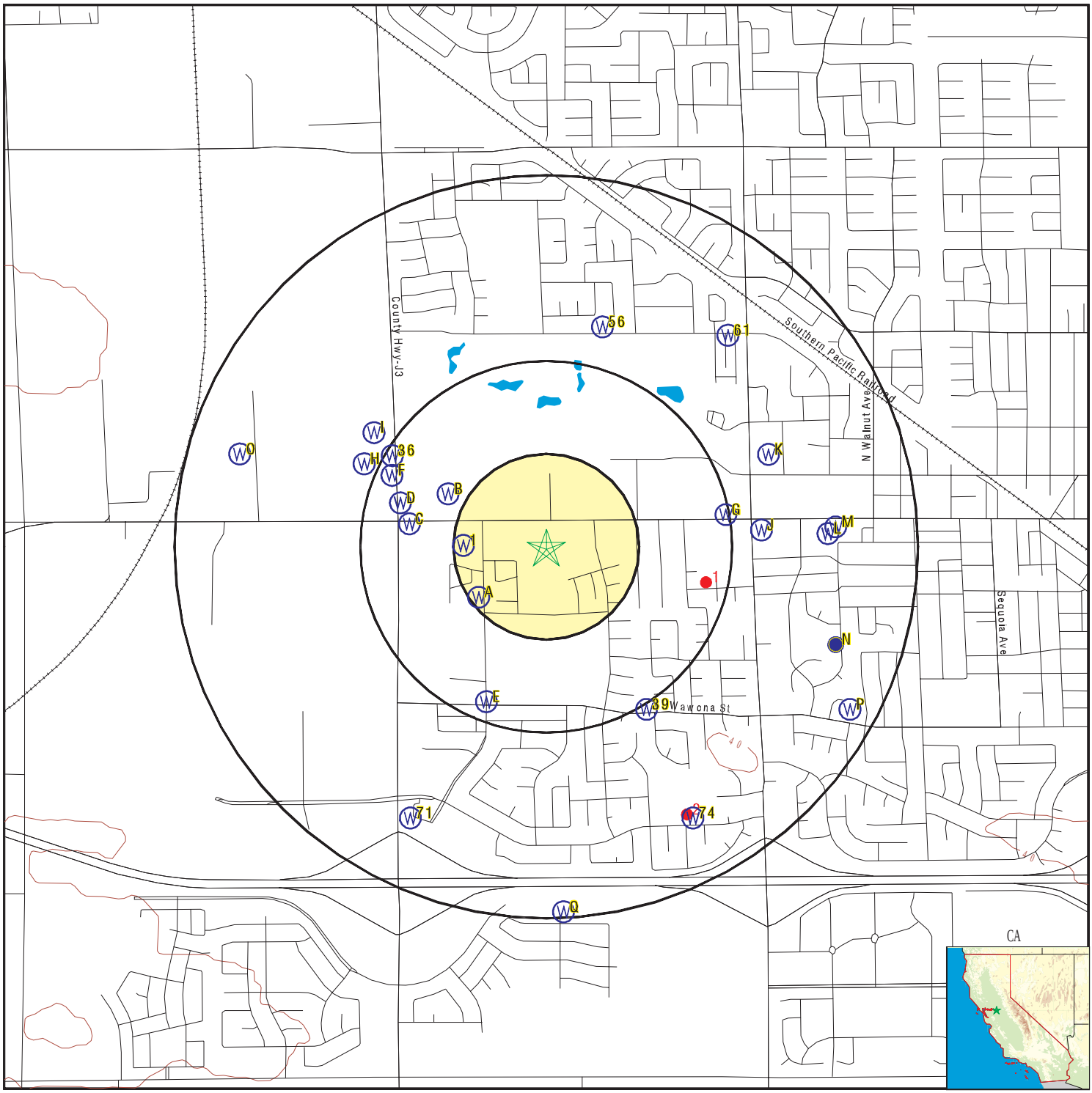
MAP ID	WELL ID	LOCATION FROM TP
O79	CADDW0000008225	1/2 - 1 Mile WNW
O80	CADWR0000023052	1/2 - 1 Mile WNW
P81	CADDW0000001025	1/2 - 1 Mile ESE
P82	CADDW0000014300	1/2 - 1 Mile ESE
Q83	CALLNL000001186	1/2 - 1 Mile South
Q84	CALLNL000000812	1/2 - 1 Mile South
Q85	CALLNL000000122	1/2 - 1 Mile South
Q86	CALLNL000000280	1/2 - 1 Mile South
Q87	CADDW0000017732	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG15000007068	1/4 - 1/2 Mile ESE
2	CAOG15000014385	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 7443926.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
		INQUIRY #:	7443926.2s
LAT/LONG:	37.796347 / 121.244934	DATE:	September 13, 2023 6:59 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR9000037600**

State Well #:	02S07E06C001M	Station ID:	6765
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Irrigation	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

A2
SW
1/8 - 1/4 Mile
Higher

CA WELLS **19403**

Seq:	19403	Prim sta c:	3910005-016
Frds no:	3910005016	County:	39
District:	10	User id:	PTA
System no:	3910005	Water type:	G
Source nam:	WELL 16	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374740.0	Longitude:	1211450.0
Precision:	4	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:	3910005	System nam:	Manteca, City Of
Hqname:	Not Reported	Address:	1001 W. CENTER STREET
City:	MANTECA	State:	CA
Zip:	95337	Zip ext:	Not Reported
Pop serv:	44500	Connection:	11417
Area serve:	MANTECA		

Sample date:	27-FEB-18	Finding:	9.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	03-OCT-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	15-MAR-17	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	04-OCT-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-MAY-15	Finding:	360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	12-MAY-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	12-MAY-15	Finding:	0.18
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	260.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	51.
Chemical:	ZINC	Report units:	UG/L
Dlr:	50.		
Sample date:	12-MAY-15	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	12-MAY-15	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-MAY-15	Finding:	16.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-MAY-15	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	2.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	27.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	9.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	37.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAY-15	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-MAY-14	Finding:	22.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	17-JUL-13	Finding:	3.86
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	17-JUL-13	Finding:	0.311
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-13	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-13	Finding:	3.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-MAY-12	Finding:	24.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	10.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-MAY-12	Finding:	9.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-MAY-12	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-MAY-12	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	0.66
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	52.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	08-MAY-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-MAY-12	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

A3
SW
1/8 - 1/4 Mile
Higher

CA WELLS **23161**

Seq:	23161	Prim sta c:	J39/005-16TRT
Frds no:	3910005027	County:	39
District:	10	User id:	PTA
System no:	3910005	Water type:	G
Source nam:	WELL 16 - TREATED	Station ty:	WELL/AMBNT/MUN
Latitude:	374740.0	Longitude:	1211450.0
Precision:	4	Status:	AT
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:	3910005	System nam:	Manteca, City Of
Hqname:	Not Reported	Address:	1001 W. CENTER STREET
City:	MANTECA	State:	CA
Zip:	95337	Zip ext:	Not Reported
Pop serv:	44500	Connection:	11417
Area serve:	MANTECA		
Sample date:	27-FEB-18	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-FEB-18	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-FEB-18	Finding:	6.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-FEB-18	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-JAN-18	Finding:	3.9

Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-JAN-18	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-JAN-18	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-JAN-18	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JAN-18	Finding:	6.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-DEC-17	Finding:	6.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-DEC-17	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-DEC-17	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-DEC-17	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-NOV-17	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-NOV-17	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-NOV-17	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-NOV-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-OCT-17	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-OCT-17	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-OCT-17	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	10-OCT-17	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-OCT-17	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-SEP-17	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-SEP-17	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-SEP-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-SEP-17	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-AUG-17	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-AUG-17	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-AUG-17	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-AUG-17	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-AUG-17	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUL-17	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUL-17	Finding:	8.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-JUL-17	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-JUL-17	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-JUN-17	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	20-JUN-17	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-JUN-17	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JUN-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAY-17	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-MAY-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-MAY-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-MAY-17	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-MAY-17	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-APR-17	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-APR-17	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-APR-17	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-APR-17	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-MAR-17	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-MAR-17	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-MAR-17	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	07-MAR-17	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-FEB-17	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-FEB-17	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-FEB-17	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-FEB-17	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-JAN-17	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-JAN-17	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-JAN-17	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-JAN-17	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-JAN-17	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-DEC-16	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-DEC-16	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-DEC-16	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-DEC-16	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-NOV-16	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-NOV-16	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	15-NOV-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-NOV-16	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-NOV-16	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-OCT-16	Finding:	5.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-OCT-16	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-OCT-16	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-OCT-16	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-SEP-16	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-SEP-16	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-SEP-16	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-SEP-16	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-AUG-16	Finding:	6.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-AUG-16	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-AUG-16	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-AUG-16	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	01-AUG-16	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-AUG-16	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUL-16	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUL-16	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-JUL-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-JUN-16	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-JUN-16	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUN-16	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-JUN-16	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-DEC-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-DEC-15	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-NOV-15	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-NOV-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-NOV-15	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-NOV-15	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-OCT-15	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	21-OCT-15	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-OCT-15	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-OCT-15	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-SEP-15	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-SEP-15	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-SEP-15	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-SEP-15	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-SEP-15	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-AUG-15	Finding:	6.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-AUG-15	Finding:	6.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-AUG-15	Finding:	7.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-AUG-15	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-JUL-15	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-JUL-15	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-JUL-15	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	07-JUL-15	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-JUN-15	Finding:	8.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	7.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	7.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	6.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-MAY-15	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAY-15	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-APR-15	Finding:	7.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-APR-15	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-APR-15	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAR-15	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-MAR-15	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	16-MAR-15	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-MAR-15	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-FEB-15	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-FEB-15	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-JAN-15	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JAN-15	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JAN-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-DEC-14	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-DEC-14	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-DEC-14	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	02-DEC-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-OCT-14	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-OCT-14	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-OCT-14	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-SEP-14	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-SEP-14	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-SEP-14	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-AUG-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-AUG-14	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-AUG-14	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-JUL-14	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-JUL-14	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUL-14	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	07-JUL-14	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-JUL-14	Finding:	6.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-JUN-14	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-JUN-14	Finding:	7.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-JUN-14	Finding:	7.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-JUN-14	Finding:	6.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-MAY-14	Finding:	6.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-MAY-14	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-MAY-14	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAY-14	Finding:	5.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-APR-14	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-APR-14	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-APR-14	Finding:	6.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-APR-14	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-APR-14	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	24-MAR-14	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-MAR-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-JAN-14	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-DEC-13	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-DEC-13	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-DEC-13	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-DEC-13	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-DEC-13	Finding:	7.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-NOV-13	Finding:	7.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-NOV-13	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-OCT-13	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-OCT-13	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-OCT-13	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	01-OCT-13	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-SEP-13	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-SEP-13	Finding:	5.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-SEP-13	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	6.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-AUG-13	Finding:	7.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-AUG-13	Finding:	5.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-AUG-13	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-AUG-13	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-JUL-13	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-JUL-13	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-JUL-13	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-JUL-13	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JUL-13	Finding:	6.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-JUN-13	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	17-JUN-13	Finding:	5.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-JUN-13	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-MAY-13	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-MAY-13	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-MAY-13	Finding:	7.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAY-13	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-APR-13	Finding:	6.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-APR-13	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-APR-13	Finding:	6.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-APR-13	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-APR-13	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-MAR-13	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-MAR-13	Finding:	7.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-13	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-MAR-13	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	19-FEB-13	Finding:	9.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-FEB-13	Finding:	5.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-FEB-13	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-JAN-13	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-JAN-13	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JAN-13	Finding:	3.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-JAN-13	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JAN-13	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-DEC-12	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-DEC-12	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-NOV-12	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-NOV-12	Finding:	8.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-NOV-12	Finding:	7.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	06-NOV-12	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-OCT-12	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-OCT-12	Finding:	7.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-OCT-12	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-OCT-12	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-OCT-12	Finding:	7.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-OCT-12	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-SEP-12	Finding:	5.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-SEP-12	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-SEP-12	Finding:	7.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-SEP-12	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-AUG-12	Finding:	5.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	20-AUG-12	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-AUG-12	Finding:	7.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-AUG-12	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-JUL-12	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	23-JUL-12	Finding:	7.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-JUL-12	Finding:	6.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-JUL-12	Finding:	8.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JUL-12	Finding:	5.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUN-12	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	6.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-JUN-12	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-JUN-12	Finding:	7.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-MAY-12	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

B4
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000105923**

Well ID:	SL372563620-DOMESTIC	Well Type:	MONITORING
Source:	EDF	Other Name:	DOMESTIC
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=DOMESTIC&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=DOMESTIC		

B5
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000123145**

Well ID:	SL372563620-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-6

B6
WNW **CA WELLS** **CAEDF0000035629**
1/4 - 1/2 Mile
Lower

Well ID: SL372563620-MW-5 Well Type: MONITORING
Source: EDF Other Name: MW-5
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-5

B7
WNW **CA WELLS** **CAEDF0000043235**
1/4 - 1/2 Mile
Lower

Well ID: SL372563620-MW-11 Well Type: MONITORING
Source: EDF Other Name: MW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-11

B8
WNW **CA WELLS** **CAEDF0000043513**
1/4 - 1/2 Mile
Lower

Well ID: SL372563620-MW-4 Well Type: MONITORING
Source: EDF Other Name: MW-4
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-4

B9
WNW **CA WELLS** **CAEDF0000079828**
1/4 - 1/2 Mile
Lower

Well ID: SL372563620-MW-8 Well Type: MONITORING
Source: EDF Other Name: MW-8
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-8&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-8

B10
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000035185**

Well ID: SL372563620-MW-7
Well Type: MONITORING
Source: EDF
Other Name: MW-7
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-7

B11
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000012960**

Well ID: SL372563620-MW-10
Well Type: MONITORING
Source: EDF
Other Name: MW-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-10

B12
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000131172**

Well ID: SL372563620-MW-9
Well Type: MONITORING
Source: EDF
Other Name: MW-9
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL372563620&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL372563620&assigned_name=MW-9

C13
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000000524**

Well ID: 3900903-001
Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3900903-001&store_num=
GeoTracker Data: Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C14
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000127678**

Well ID:	T0607700558-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-15		

C15
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000085302**

Well ID:	T0607700558-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-14		

C16
West
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000079872**

Well ID:	T0607700558-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-13		

C17
West
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000104491**

Well ID:	T0607700558-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-16		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C18
West
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000112859**

Well ID:	T0607700558-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-19		

C19
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR9000037605**

State Well #:	02S07E06D001M	Station ID:	6766
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

D20
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000143429**

Well ID:	T0607700558-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-20		

D21
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000140872**

Well ID:	T0607700558-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-22		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D22
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000067686**

Well ID:	T0607700558-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-23		

D23
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000139044**

Well ID:	T0607700558-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-24		

D24
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000080053**

Well ID:	T0607700558-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-21		

E25
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000037588**

State Well #:	Not Reported	Station ID:	54594
Well Name:	Manteca Well 16	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Single Well
Well Depth:	304	Well Completion Rpt #:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E26
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000002245**

Well ID:	3910005-016	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 16 - RAW	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910005-016&store_num=		
GeoTracker Data:	Not Reported		

E27
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CALLNL000001255**

Well ID:	101314	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	3910005-016	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Krypton	Results:	.0000000761743
Units:	cm3STP/g	Date:	04/08/2003
Chemical:	Xenon	Results:	.0000000102024
Units:	cm3STP/g	Date:	04/08/2003
Chemical:	Neon	Results:	.000000231067
Units:	cm3STP/g	Date:	04/08/2003
Chemical:	Tritium (Hydrogen 3)	Results:	15.83
Units:	pCi/L	Date:	02/26/2003
Chemical:	Helium-4	Results:	.000000365165
Units:	cm3STP/g	Date:	04/08/2003
Chemical:	Argon	Results:	.00035182
Units:	cm3STP/g	Date:	04/08/2003
Chemical:	Helium-3/Helium-4	Results:	.00000140973
Units:	atom ratio	Date:	04/08/2003

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F28
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000023167**

Well ID:	T0607700558-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-25		

F29
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000125387**

Well ID:	T0607700558-MW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-27		

F30
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000099950**

Well ID:	T0607700558-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-26		

F31
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000033149**

Well ID:	T0607700558-MW-41	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-41
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-41&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-41		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E32
SSW
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000007586**

Well ID:	AGC100012333-SJCDW00020	Well Type:	MONITORING
Source:	Agricultural Lands	Other Name:	SJCDW00020
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=AGLAND&samp_date=&global_id=AGC100012333&assigned_name=SJCDW00020&store_num=		
GeoTracker Data:	Not Reported		

F33
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000022321**

Well ID:	T0607700558-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-29		

F34
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000138323**

Well ID:	T0607700558-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-30		

G35
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000079263**

Well ID:	T0607700493-C-1	Well Type:	MONITORING
Source:	EDF	Other Name:	C-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700493&assigned_name=C-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700493&assigned_name=C-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

36
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CAEDF0000100608**

Well ID:	T0607700558-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-28		

G37
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000021962**

Well ID:	T0607700493-C-3	Well Type:	MONITORING
Source:	EDF	Other Name:	C-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700493&assigned_name=C-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700493&assigned_name=C-3		

G38
East
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000006023**

Well ID:	T0607700493-C-2	Well Type:	MONITORING
Source:	EDF	Other Name:	C-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700493&assigned_name=C-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700493&assigned_name=C-2		

39
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000011791**

Well ID:	3901198-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901198-001&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H40
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000093428**

Well ID:	T0607700558-MW-39	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-39		

H41
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008145**

Well ID:	T0607700558-MW-38	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-38		

H42
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043102**

Well ID:	T0607700558-MW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-37		

H43
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100666**

Well ID:	T0607700558-MW-35	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-35		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H44
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101989**

Well ID:	T0607700558-MW-34	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-34		

H45
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132694**

Well ID:	T0607700558-MW-36	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-36		

I46
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000014337**

Well ID:	T0607700558-MW-32	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-32		

I47
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000001865**

Well ID:	T0607700558-MW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-33		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I48
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000108726**

Well ID:	T0607700558-MW-40	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-40
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-40&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-40		

I49
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000065304**

Well ID:	T0607700558-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700558&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700558&assigned_name=MW-31		

J50
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114842**

Well ID:	T0607791885-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607791885&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607791885&assigned_name=MW-2		

J51
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003496**

Well ID:	T0607791885-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607791885&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607791885&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J52
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045636**

Well ID:	T0607791885-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607791885&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607791885&assigned_name=MW-1		

J53
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092941**

Well ID:	T0607791885-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607791885&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607791885&assigned_name=MW-5		

J54
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091215**

Well ID:	T0607791885-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607791885&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607791885&assigned_name=MW-4		

J55
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000037601**

State Well #:	02S07E05D001M	Station ID:	27338
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

56
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185751**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S007E31G001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19720912	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1972-09-12
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

K57
ENE
1/2 - 1 Mile
Higher

CA WELLS **1054**

Seq:	1054	Prim sta c:	01S/07E-32P01 M
Frds no:	3910005004	County:	39
District:	10	User id:	PTA
System no:	3910005	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	374800.0	Longitude:	1211400.0
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:	3910005	System nam:	Manteca, City Of
Hqname:	Not Reported	Address:	1001 W. CENTER STREET
City:	MANTECA	State:	CA
Zip:	95337	Zip ext:	Not Reported
Pop serv:	44500	Connection:	11417
Area serve:	MANTECA		

K58
ENE
1/2 - 1 Mile
Higher

CA WELLS **23152**

Seq:	23152	Prim sta c:	J39/005-04TRT
Frds no:	3910005020	County:	39
District:	10	User id:	PTA
System no:	3910005	Water type:	G
Source nam:	WELL 04 - TREATED	Station ty:	WELL/AMBNT/MUN
Latitude:	374800.0	Longitude:	1211400.0
Precision:	4	Status:	AT

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:	3910005	System nam:	Manteca, City Of
Hqname:	Not Reported	Address:	1001 W. CENTER STREET
City:	MANTECA	State:	CA
Zip:	95337	Zip ext:	Not Reported
Pop serv:	44500	Connection:	11417
Area serve:	MANTECA		

K59
ENE **CA WELLS** **CADDW0000022208**
1/2 - 1 Mile
Higher

Well ID:	3910005-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 04 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910005-004&store_num=		
GeoTracker Data:	Not Reported		

L60
East **CA WELLS** **CADWR0000014216**
1/2 - 1 Mile
Higher

Well ID:	01S07E32P001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S07E32P001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S07E32P001M&store_num=		
GeoTracker Data:	Not Reported		

61
NE **CA WELLS** **CADWR9000037633**
1/2 - 1 Mile
Higher

State Well #:	01S07E31J001M	Station ID:	3919
Well Name:	Not Reported	Basin Name:	Eastern San Joaquin
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

L62
East **CA WELLS** **CAEDF0000099677**
1/2 - 1 Mile
Higher

Well ID:	T0607700308-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-7&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-7

L63
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086913**

Well ID:	T0607700308-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-8		

M64
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053929**

Well ID:	T0607700308-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-6		

L65
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047585**

Well ID:	T0607700308-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-5		

L66
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135183**

Well ID:	T0607700308-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M67
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000006026**

Well ID:	T0607700308-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-1		

M68
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095027**

Well ID:	T0607700308-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-3		

M69
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000143046**

Well ID:	T0607700308-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607700308&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607700308&assigned_name=MW-4		

N70
ESE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000000710**

Well ID:	101326	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	2S/07E-05E01 M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.000365134
Units:	cm3STP/g	Date:	10/31/2003

Chemical:	Helium-3/Helium-4	Results:	.0000031801
Units:	atom ratio	Date:	10/31/2003
Chemical:	Neon	Results:	.000000233987
Units:	cm3STP/g	Date:	10/31/2003
Chemical:	Tritium (Hydrogen 3)	Results:	48.24
Units:	pCi/L	Date:	12/30/2002
Chemical:	Helium-4	Results:	.000000113927
Units:	cm3STP/g	Date:	10/31/2003
Chemical:	Krypton	Results:	.0000000813144
Units:	cm3STP/g	Date:	10/31/2003
Chemical:	Xenon	Results:	.0000000108798
Units:	cm3STP/g	Date:	10/31/2003

71
SSW **FED USGS** **USGS40000185590**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S007E06N001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19760710	Well Depth:	294
Well Depth Units:	ft	Well Hole Depth:	305
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1976-07-10
Feet below surface:	20.60	Feet to sea level:	Not Reported
Note:	Not Reported		

N72
ESE **CA WELLS** **CADDW0000016730**
1/2 - 1 Mile
Higher

Well ID:	3910005-009	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 09 - IRRIGATION WELL-INACTIVE XCLD		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910005-009&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N73
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185639**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S007E05E001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19630101	Well Depth:	162
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1965-03-29
Feet below surface:	10.00	Feet to sea level:	Not Reported
Note:	Not Reported		

74
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000185589**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S007E06R001M	Type:	Well
Description:	Not Reported	HUC:	18040005
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19740801	Well Depth:	98
Well Depth Units:	ft	Well Hole Depth:	98
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1974-08-01
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

O75
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048435**

Well ID:	SLT5S0033055-PW25-120	Well Type:	MONITORING
Source:	EDF	Other Name:	PW25-120
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT5S0033055&assigned_name=PW25-120&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT5S0033055&assigned_name=PW25-120		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O76
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003499**

Well ID:	SLT5S0033055-PW25-208	Well Type:	MONITORING
Source:	EDF	Other Name:	PW25-208
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT5S0033055&assigned_name=PW25-208&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT5S0033055&assigned_name=PW25-208		

O77
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084467**

Well ID:	SLT5S0033055-PW25-170	Well Type:	MONITORING
Source:	EDF	Other Name:	PW25-170
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT5S0033055&assigned_name=PW25-170&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT5S0033055&assigned_name=PW25-170		

O78
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000002135**

Well ID:	3901375-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL L	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901375-001&store_num=		
GeoTracker Data:	Not Reported		

O79
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000008225**

Well ID:	3901375-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL J (DESTROYED 03-31-04)		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901375-003&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O80
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000023052**

Well ID:	01S06E36J001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S06E36J001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S06E36J001M&store_num=		
GeoTracker Data:	Not Reported		

P81
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000001025**

Well ID:	3901139-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	2194 W. YOSEMITE WELL - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901139-001&store_num=		
GeoTracker Data:	Not Reported		

P82
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000014300**

Well ID:	3901139-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	2210 W. YOSEMITE WELL - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901139-002&store_num=		
GeoTracker Data:	Not Reported		

Q83
South
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001186**

Well ID:	101354	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	W-025-Manteca	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.000374697
Units:	cm3STP/g	Date:	11/05/2003

Chemical:	Helium-3/Helium-4	Results:	.0000023328
Units:	atom ratio	Date:	11/05/2003
Chemical:	Xenon	Results:	.0000000110384
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Neon	Results:	.000000241334
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Tritium (Hydrogen 3)	Results:	32.5
Units:	pCi/L	Date:	05/12/2003
Chemical:	Helium-4	Results:	.000000162615
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Krypton	Results:	.0000000842898
Units:	cm3STP/g	Date:	11/05/2003

Q84
South
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000812**

Well ID:	101390	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	W-025-Manteca	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Xenon	Results:	.0000000111971
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Helium-3/Helium-4	Results:	.000000920472
Units:	atom ratio	Date:	03/04/2003
Chemical:	Argon	Results:	.000362526
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Neon	Results:	.000000222864
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Tritium (Hydrogen 3)	Results:	.05
Units:	pCi/L	Date:	11/07/2002
Chemical:	Helium-4	Results:	.0000014344
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Krypton	Results:	.0000000806364

Units:	cm3STP/g	Date:	03/04/2003

Q85
South
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000122**

Well ID:	101355	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	W-025-Manteca	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Helium-4	Results:	.000000158768
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Helium-3/Helium-4	Results:	.00000200773
Units:	atom ratio	Date:	11/05/2003
Chemical:	Krypton	Results:	.000000082159
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Xenon	Results:	.0000000110023
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Argon	Results:	.000371092
Units:	cm3STP/g	Date:	11/05/2003
Chemical:	Tritium (Hydrogen 3)	Results:	21.88
Units:	pCi/L	Date:	05/12/2003
Chemical:	Neon	Results:	.000000237928
Units:	cm3STP/g	Date:	11/05/2003

Q86
South
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000280**

Well ID:	101389	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	W-025-Manteca	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Krypton	Results:	.0000000783977
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Helium-3/Helium-4	Results:	.00000109914

Units:	atom ratio	Date:	03/04/2003
Chemical:	Helium-4	Results:	.00000096551
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Neon	Results:	.000000218602
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Xenon	Results:	.0000000106895
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Argon	Results:	.000354047
Units:	cm3STP/g	Date:	03/04/2003
Chemical:	Tritium (Hydrogen 3)	Results:	3.12
Units:	pCi/L	Date:	11/07/2002

Q87
South
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000017732**

Well ID:	3910005-042	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL NO. 25 - RAW	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910005-042&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE **OIL_GAS** **CAOG15000007068**
1/4 - 1/2 Mile

API #:	0407700369	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Well Design:	Great Basins-Lefler 1	Lease Name:	Great Basins-Lefler
Operator ID:	C5640	Field Name:	Any Field
Area Name:	Any Area	Place:	Manteca
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	01/03/1963

2
SSE **OIL_GAS** **CAOG15000014385**
1/2 - 1 Mile

API #:	0407700370	Well #:	76-6
Well Status:	Plugged	Well Type:	Dry Hole
Well Design:	Holloway 76-6	Lease Name:	Holloway
Operator ID:	G2900	Field Name:	Any Field
Area Name:	Any Area	Place:	Manteca
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	Spud Date:	05/09/1961

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95337	5	1

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C

REGULATORY RECORDS SEARCH

APPENDIX C-1

REGULATORY RECORDS SEARCH

CALIFORNIA STATE
REGIONAL WATER QUALITY CONTROL BOARD

Hagop Tatian

From: Hagop Tatian
Sent: Thursday, September 14, 2023 10:28 AM
To: 'r5s-pra@waterboards.ca.gov'
Subject: Public Record Request: 1758 West Yosemite Avenue, Manteca, CA 95337

To: RWQCB – Central Valley Region

KCE Matrix would like to inquire if the RWQCB agency maintains any records and/or documentation with regard to Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the following property:

1758 West Yosemite Avenue
Manteca, CA 95337

If the waterboard does maintain such records, please advise as to the necessary procedure to obtain such records from your office.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506
(818) 559 5500 phone
(818) 559 5511 fax
hagop@kcematrixinc.com

Hagop Tatian

From: R5S-PRA <r5s-pra@waterboards.ca.gov>
Sent: Thursday, September 14, 2023 10:41 AM
To: Hagop Tatian
Subject: RE: Public Record Request: 1758 West Yosemite Avenue, Manteca, CA 95337

Received

From: Hagop Tatian <hagop@kcematrixinc.com>
Sent: Thursday, September 14, 2023 10:28 AM
To: R5S-PRA <r5s-pra@waterboards.ca.gov>
Subject: Public Record Request: 1758 West Yosemite Avenue, Manteca, CA 95337

EXTERNAL:

To: RWQCB – Central Valley Region

KCE Matrix would like to inquire if the RWQCB agency maintains any records and/or documentation with regard to Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the following property:

1758 West Yosemite Avenue
Manteca, CA 95337

If the waterboard does maintain such records, please advise as to the necessary procedure to obtain such records from your office.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506
(818) 559 5500 phone
(818) 559 5511 fax
hagop@kcematrixinc.com

Central Valley Regional Water Quality Control Board

September 25, 2023

Hagop Tatian
KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 95451

Hagop,

In response to your Public Record Request of September 14, 2023, no records were found on the following property(s): **1758 West Yosemite Avenue, Manteca CA**

The search was conducted with the GeoTracker database, available for public access at http://www.geotracker.waterboards.ca.gov/.

In addition to GeoTracker, the California Integrated Water Quality Systems (CIWQS) database was also used in the search, and is available for public access at http://www.waterboards.ca.gov/centralvalley/resources/data_databases/.

In addition to GeoTracker, the California Storm Water Multiple Applications and Report Tracking System (Smarts) was also used in the search, and is available for public access at http://smarts.waterboards.ca.gov.

Thank you,

Margie Saldana
Office Technician
Public Records Coordinator
916-464-3291
R5S-PRA@waterboards.ca.gov

APPENDIX C-2

REGULATORY RECORDS SEARCH

CALIFORNIA STATE
DEPARTMENT OF TOXIC SUBSTANCE CONTROL

Hagop Tatian

From: Hagop Tatian
Sent: Thursday, September 14, 2023 10:29 AM
To: BerkeleyFileRoom@dtsc.ca.gov
Subject: Public Record Request: 1758 West Yosemite Avenue, Manteca, CA 95337

To: DTSC Berkeley Office – File Room

KCE Matrix would like to inquire if the DTSC maintains any records and/or documentation with regard to Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the following property:

1758 West Yosemite Avenue
Manteca, CA 95337

If the DTSC does maintain such records, please advise as to the necessary procedure to obtain such records from your office.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506
(818) 559 5500 phone
(818) 559 5511 fax
hagop@kcematrixinc.com

Yana Garcia
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
700 Heinz Avenue
Berkeley, California 94710-2721

Gavin Newsom
Governor

September 14, 2023

Hagop Tatian
KCE Matrix, Inc.
Hagop@kcematrixinc.com

Public Records Request Number: PR2-091423-02
Location(s): 1758 West Yosemite Avenue, Manteca, CA 95337

Dear Mr. Tatian,

The Department of Toxic Substances Control (DTSC) received your e-mail of September 14th, 2023, requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

For information regarding public reports on hazardous waste shipments of generators, transporters, and TSDFs, you can access our Hazardous Waste Tracking System (HWTS) online at: https://hwts.dtsc.ca.gov/. Select the “Reports” tab for search options. If you are interested in retrieving detailed reports, please contact the HWTS unit via e-mail: hwtsreports@dtsc.ca.gov or phone: 1-800-618-6942. Customized reports may require a fee. For copies of manifests, please send an e-mail to mcr@dtsc.ca.gov.

In addition, the DTSC provides access to public records online via Envirostor; another data management system that tracks our efforts in cleanup, permitting, enforcement, and investigation of known/suspected hazardous waste sites and facilities. The available data is updated in real-time. You can access Envirostor online at www.envirostor.dtsc.ca.gov. Navigate the website easily by clicking the "How to Use Envirostor" tab, then selecting the option “Take a Tour”.

If you have any questions or would like further information regarding your request, please contact me via phone: 510-540-3746 or e-mail at: Berkeleyfileroom@dtsc.ca.gov.

Sincerely,

Christina de la Vega
Regional Records Coordinator

APPENDIX C-3

REGULATORY RECORDS SEARCH

SAN JOAQUIN COUNTY
ENVIRONMENTAL HEALTH DEPARTMENT

Hagop Tatian

From: Hagop Tatian
Sent: Thursday, September 14, 2023 10:33 AM
To: ehdfilereview@sjgov.org
Subject: Public Record Request: 1758 West Yosemite Avenue, Manteca, CA 95337
Attachments: Public Record Request_KCE MATRIX (9-14-23).pdf

To: San Joaquin – Environmental Health Department/Public Records

KCE Matrix would like to inquire if the San Joaquin – Environmental Health Department (EHD) maintains any records and/or documentation with regard to Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the following property:

1758 West Yosemite Avenue
Manteca, CA 95337
(please find attached public record request form)

If the EHD does maintain such records, please advise as to the necessary procedure to obtain such records from your office.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506
(818) 559 5500 phone
(818) 559 5511 fax
hagop@kcematrixinc.com

SAN JOAQUIN COUNTY
Greatness grows here.

Environmental Health Department
PUBLIC RECORDS RELEASE APPLICATION

SUBMIT BY EMAIL

EHD LOG NUMBER:

APPLICANT: Hagop T. **BUSINESS/AGENCY:** KCE Matrix, Inc.

ADDRESS: 1112 W. Burbank Blvd., Suite 301 **CITY/STATE/ZIP:** Burbank, CA 91506

PHONE (1): (818) 559 5500 **PHONE (2):** na **FAX OR E-MAIL:** hagop@kcematrixinc.com

Please allow 10 business days from date of application submittal for the records to be available.
Staff will contact you to arrange an appointment date and time to review the requested records.

SIGNATURE OF APPLICANT _____ **DATE** 9/14/2023

1. **List up to ten addresses in the space below. Address ranges WILL NOT be accepted. Select the type(s) of files from the list below by checking the appropriate box(es). At least one file type MUST be selected. Fax to (209) 464-0138, mail to the address indicated below, or email to ehdfilereview@sjgov.org. Applications received after 3:00 pm will be processed the next business day.**
2. **For assistance in identifying the nature and content of EHD records, please contact EHD at the number noted below.**
3. **The EHD will notify the applicant if any EHD files exist. An appointment for review will be confirmed approximately ten (10) days after receipt of application. The files will be held for a maximum of five business days for review. Appointments should be scheduled accordingly.**
4. **Any file not returned in the same condition as released will be reorganized by EHD staff at the expense of the applicant. Future file reviews by the same applicant may require a $152 deposit prior to review.**

SEPTIC AND WELL PERMITS ARE AVAILABLE FOR REVIEW ONLINE AT: https://www.sjgov.org/department/envhealth/public-records

Electronic Information: ☐ List ☐ Map – Description: _____

Specific Date Range of Information Requested: From 1930s **to** September of 2023

ENVIRONMENTAL HEALTH DEPARTMENT FILES		FILE ADDRESS (Specific addresses only, address ranges **will not** be accepted)			EHD USE ONLY
		Street #	Street Name	City	
☒ Underground Tank (UST) Cleanup Site (LOP)	1	1758	West Yosemite Ave	Manteca	☐ CONSUMER
☒ Other Cleanup Site (Non-LOP)	2				☐ DAIRY
☒ Hazardous Waste	3				☐ PWS
☐ Tiered Permitted Facility	4				☐ WATER QUALITY
☒ Aboveground Tank	5				☐ SITE MITIGATION
☒ UST (Monitoring / Removal)	6				☐ HOUSING
☒ Hazardous Materials	7				☐ CUPA AST / HM / HW
☒ Spill / Release Response	8				☐ CUPA UST
☐ Solid Waste Facility / Vehicle	9				☐ SOLID WASTE
☐ Food Facility	10				☐ ACCOUNTING
☐ Pool / Spa					
☐ Dairy					
☐ Land Use Application Sites					
☒ Septic Pumper Truck / Yard / Chemical Toilets					
☒ Wastewater Treatment Plant					
☐ Housing Abatement					
☐ Motel/Hotel					
☐ Chicken Ranch / Dog Kennel					
☐ Medical Waste Facility					
☐ Tattoo/Body Piercing					
☐ Waste Tire					
☐ Complaint					
☐ Other (Please Specify):					

BOXED AREA - EHD USE ONLY

☐ **Records provided by Staff-PPR Complete.** **Staff Name:**

EHD 48-06

Hagop Tatian

From: Mascaro, Brianne [EHD] <bmascaro@sjgov.org>
Sent: Thursday, September 14, 2023 2:11 PM
To: Hagop Tatian
Cc: EHDFILEREVIEW [EHD]
Subject: Records Request for 1758 W. Yosemite Ave

Hello,

We have received your records request and a search of our database has turned up no files found.

If you have any questions please email ehdfilereview@sjgov.org for further assistance.

Brianne Mascaro,
Office Assistant
San Joaquin County Enninronmental Health Department
1868 E. Hazelton Ave.,
Stockton, CA 95205
Phone: (209)468-3450
Email: bmascaro@sjgov.org
EHD Website:sjgov.org/EHD

Facility Search

Facility Name

Street Number 1758

Street Name west yosemite

City

Zip Code

Program

File Section

Search Documents Sort by: Name

To filter search results fill out additional inputs and click "Search Documents" button

If you would like to go directly to the folder browser click on the "Browse" button on the upper left or click HERE

Results **0 - 0** of 0

No results found

Page 1 of 1

Document management portal powered by Laserfiche WebLink 9 © 1998-2015 Laserfiche. All rights reserved.

Facility Search

Facility Name

Street Number 1758

Street Name yosemite

City

Zip Code

Program

File Section

Search Documents Sort by: Name

To filter search results fill out additional inputs and click "Search Documents" button

If you would like to go directly to the folder browser click on the "Browse" button on the upper left or click HERE

Results **0 - 0** of 0

No results found

Page 1 of 1

Document management portal powered by Laserfiche WebLink 9 © 1998-2015 Laserfiche. All rights reserved.

APPENDIX C-4

REGULATORY RECORDS SEARCH

CITY OF MANTECA CLERK'S OFFICE
FIRE DEPARTMENT

City of Manteca

Request Visibility: Unpublished

Request 23-335 Open

Dates

Received

September 18, 2023 via web

Requester

Hagop T.

hagop@kcematrixinc.com

1112 W. Burbank Blvd. #301, Burbank, CA, 91506

8185595500

KCE Matrix, Inc.

Staff Assigned

Departments

No departments assigned

Point of contact

City of Manteca PRA

Request

City of Manteca - City Clerk's Office/Fire Department:

We would like to request records and/or documentation that you may maintain with regard to Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the property located at: **1758 West Yosemite Avenue, Manteca, CA 95337**

Timeline Documents

External Message

Requester + Staff

Thank you for submitting a new Public Records Act (PRA) request to the City of Manteca.

We will provide a response as to the status of your request within 10 days of receipt, pursuant to California Government Code Section 7922.535(a).

- The City Clerk's Office operates on a 10/40 work schedule (7:30 a.m. to 6:00 p.m. (PST), Monday - Thursday).

- If we receive your request on a closed holiday or weekend (Friday - Sunday), the next business day is considered the date of receipt.

- If the 10th day is a closed holiday or weekend (Friday - Sunday), the next business day is considered the 10th day, and a response will be due to you.

- We will strive to provide a response as to the status of your request prior to the 10th day, but we make no guarantees.

If you have any questions. Please contact us at (209) 456-8018 or (209) 456-8017. You may also use the Next Request PRA system to send us a message, or email us at mayorcouncilclerk@manteca.gov

Thank you,

City of Manteca, City Clerk's Office

September 18, 2023, 2:50pm

Request Opened Public

Request received via web

September 18, 2023, 2:50pm by the requester

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Monday, September 18, 2023 2:50 PM
To: Hagop Tatian
Subject: Your City of Manteca public records request #23-335 has been opened.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

Your record request #23-335 has been submitted successfully.

Thank you for submitting a new Public Records Act (PRA) request to the City of Manteca.

We will provide a response as to the status of your request within 10 days of receipt, pursuant to California Government Code Section 7922.535(a).

- The City Clerk's Office operates on a 10/40 work schedule (7:30 a.m. to 6:00 p.m. (PST), Monday - Thursday).

- If we receive your request on a closed holiday or weekend (Friday - Sunday), the next business day is considered the date of receipt.

- If the 10th day is a closed holiday or weekend (Friday - Sunday), the next business day is considered the 10th day, and a response will be due to you.

- We will strive to provide a response as to the status of your request prior to the 10th day, but we make no guarantees.

If you have any questions. Please contact us at (209) 456-8018 or (209) 456-8017. You may also use the Next Request PRA system to send us a message, or email us at mayorcouncilclerk@manteca.gov

Thank you,

City of Manteca, City Clerk's Office

View Request 23-335

https://cityofmanteca.nextrequest.com/requests/23-335

As the requester, you can always see the status of your request by signing into the City of Manteca portal.

If you haven't already signed in, you may need to activate or setup your account to get started. Once your account is activated, you can communicate directly with the City of Manteca through NextRequest.

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Monday, September 18, 2023 5:50 PM
To: Hagop Tatian
Subject: [External Message Added] City of Manteca public records request #23-335

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

A message was sent to you regarding record request #23-335:

Thank you for submitting your public records request to the City of Manteca. The City Clerk's Office and the Fire Department and Development Services Department are working on your public records request.

View Request 23-335

https://cityofmanteca.nextrequest.com/requests/23-335

Questions about your request? Reply to this email or sign in to contact staff at City of Manteca.

Technical support: See our help page

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Thursday, September 28, 2023 3:02 PM
To: Hagop Tatian
Subject: Your City of Manteca public records request #23-335 has been closed.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

Record request #23-335 has been closed. The closure reason supplied was:

The City of Manteca is in receipt of your request for public records for Underground Storage Tanks (USTs), Hazardous Materials (HAZMAT) and/or associated environmental assessment or remediation documentation for the property located at: **1758 West Yosemite Avenue, Manteca, CA 95337**.

The City Clerk's Office worked closely with the Development Services Department and Fire Department on your request. Both Departments have indicated that there are no responsive records for your request. City staff will now consider your request closed. Should you have any questions, please feel free to contact us. Have a great day!

Thank you.

View Request 23-335

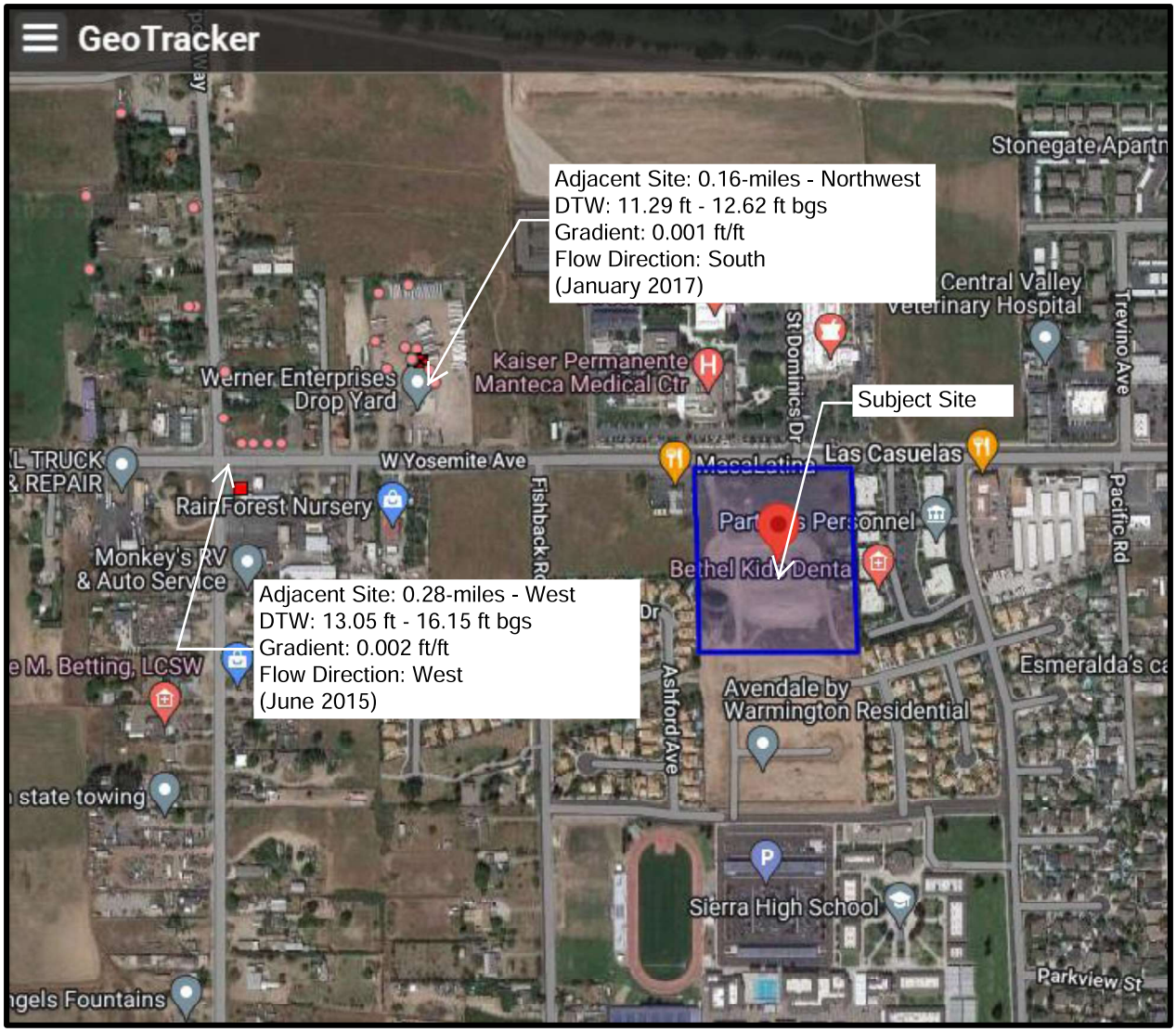
https://cityofmanteca.nextrequest.com/requests/23-335

Questions about your request? Reply to this email or sign in to contact staff at City of Manteca.

Technical support: See our help page

APPENDIX C-5

HYDROLOGY INFORMATION


GeoTracker
Adjacent Site: 0.16-miles - Northwest
DTW: 11.29 ft - 12.62 ft bgs
Gradient: 0.001 ft/ft
Flow Direction: South
(January 2017)
Subject Site
Adjacent Site: 0.28-miles - West
DTW: 13.05 ft - 16.15 ft bgs
Gradient: 0.002 ft/ft
Flow Direction: West
(June 2015)
Stonegate Apartn
Central Valley Veterinary Hospital
Kaiser Permanente Manteca Medical Ctr
Werner Enterprises Drop Yard
W Yosemite Ave
Las Casuelas
Rain Forest Nursery
Monkey's RV & Auto Service
Fishback Rd
St Dominics Dr
Trevino Ave
Pacific Rd
Ashford Ave
Avendale by Warmington Residential
Sierra High School
Parkview St
state towing

APPENDIX C-6

NATIONAL WETLANDS INVENTORY -
WETLAND MAP

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



September 19, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX C-7

FEDERAL EMERGENCY MANAGEMENT AGENCY

NATIONAL FLOOD HAZARD MAP

National Flood Hazard Layer FIRMette

FEMA

121°15'1"W 37°48'1"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

121°14'23"W 37°47'33"N

Basemap Imagery Source: USGS National Map 2023

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 9/19/2023 at 4:50 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.

APPENDIX D

HISTORICAL RESEARCH DOCUMENTATION

APPENDIX D-1

CITY OF MANTECA CLERK'S OFFICE
BUILDING DEPARTMENT

SAN JOAQUIN COUNTY – RECORDS

City of Manteca

Request Visibility: Unpublished

Request 23-336 Open

Dates

Received

September 18, 2023 via web

Requester

Hagop T.

hagop@kcematrixinc.com

1112 W. Burbank Blvd. #301, Burbank, CA, 91506

8185595500

KCE Matrix, Inc.

Staff Assigned

Departments

No departments assigned

Point of contact

City of Manteca PRA

Request

City of Manteca - City Clerk's Office/Building Department:

We would like to request records and/or documentation that you may maintain with regard to site history, including historic and current permit applications, certificates of occupancy and violations for the property located at: **1758 West Yosemite Avenue, Manteca, CA 95337**

Timeline Documents

External Message

Requester + Staff

Thank you for submitting a new Public Records Act (PRA) request to the City of Manteca.

We will provide a response as to the status of your request within 10 days of receipt, pursuant to California Government Code Section 7922.535(a).

- The City Clerk's Office operates on a 10/40 work schedule (7:30 a.m. to 6:00 p.m. (PST), Monday - Thursday).

- If we receive your request on a closed holiday or weekend (Friday - Sunday), the next business day is considered the date of receipt.

- If the 10th day is a closed holiday or weekend (Friday - Sunday), the next business day is considered the 10th day, and a response will be due to you.

- We will strive to provide a response as to the status of your request prior to the 10th day, but we make no guarantees.

If you have any questions. Please contact us at (209) 456-8018 or (209) 456-8017. You may also use the Next Request PRA system to send us a message, or email us at mayorcouncilclerk@manteca.gov

Thank you,

City of Manteca, City Clerk's Office

September 18, 2023, 2:53pm

Request Opened Public

Request received via web

September 18, 2023, 2:53pm by the requester

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Monday, September 18, 2023 2:53 PM
To: Hagop Tatian
Subject: Your City of Manteca public records request #23-336 has been opened.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

Your record request #23-336 has been submitted successfully.

Thank you for submitting a new Public Records Act (PRA) request to the City of Manteca.

We will provide a response as to the status of your request within 10 days of receipt, pursuant to California Government Code Section 7922.535(a).

- The City Clerk's Office operates on a 10/40 work schedule (7:30 a.m. to 6:00 p.m. (PST), Monday - Thursday).

- If we receive your request on a closed holiday or weekend (Friday - Sunday), the next business day is considered the date of receipt.

- If the 10th day is a closed holiday or weekend (Friday - Sunday), the next business day is considered the 10th day, and a response will be due to you.

- We will strive to provide a response as to the status of your request prior to the 10th day, but we make no guarantees.

If you have any questions. Please contact us at (209) 456-8018 or (209) 456-8017. You may also use the Next Request PRA system to send us a message, or email us at mayorcouncilclerk@manteca.gov

Thank you,

City of Manteca, City Clerk's Office

View Request 23-336

https://cityofmanteca.nextrequest.com/requests/23-336

As the requester, you can always see the status of your request by signing into the City of Manteca portal.

If you haven't already signed in, you may need to activate or setup your account to get started. Once your account is activated, you can communicate directly with the City of Manteca through NextRequest.

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Monday, September 18, 2023 5:53 PM
To: Hagop Tatian
Subject: [External Message Added] City of Manteca public records request #23-336

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

A message was sent to you regarding record request #23-336:

Thank you for submitting your public records request to the City of Manteca. The City Clerk's Office and the Development Services Department and Code Enforcement Division are working on your public records request.

View Request 23-336

https://cityofmanteca.nextrequest.com/requests/23-336

Questions about your request? Reply to this email or sign in to contact staff at City of Manteca.

Technical support: See our help page

Hagop Tatian

From: City of Manteca Public Records <messages@nextrequest.com>
Sent: Monday, October 9, 2023 4:29 PM
To: Hagop Tatian
Subject: [Document Released] City of Manteca public records request #23-336

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

City of Manteca Public Records

Documents have been released for record request #23-336 along with the following message:

The City of Manteca has released responsive records to you. If there are redactions to the records, a redaction log is provided at the end of each redacted document.

If you have questions, you may use the NextRequest portal to communicate with us or please contact the City Clerk's Office at mayorcouncilclerk@manteca.gov or call us at (209) 456-8017.

Thank you.

- New City Addresses - 1758 AND 1674 W YOSEMITE AVE.pdf
- CE-23-284.pdf-redacted.pdf

View Request 23-336

https://cityofmanteca.nextrequest.com/requests/23-336

Code Enforcement Case: CE-23-284

Entered on: 03/06/2023 09:11 AM
Printed on: 09/27/2023

Topic: Nuisance
Status: Closed
Due Date: 04/24/23 (Reminder Date: 04/25/23)
Assigned To: Carly Lewis
Initiated by: Citizen
Citation #:

Property Location

Occupant Name:
Address: 1758 W YOSEMITE AVE , MANTECA, CA 95337
Phone: (0) 0-
Alt #:
APN : 222-050-05
Zoning: MIX

Owner Information

Owner Name:
Address: [redacted] Code Enforcement Complaint or General Complaint
Phone:
Alt #:

Actions

Action	By	Date	Time	Note/Observation
Inspection	Carly Lewis	03/06/2023	9:00 am	Complaint received for possible squatters in the residence on the property, garbage junk and debris. 1758 & 1674 W Yosemite appear to be the same property/owner.
Complaint	Carly Lewis	03/06/2023	9:11 am	[redacted] Code called and stated that he thinks there may be homeless in the house behind his building. The house is located at 1674 w Yosemite.
Notice of Violation	Carly Lewis	03/06/2023	9:12 am	Send to (Owner)
Inspection	Carly Lewis	04/05/2023	12:34 pm	It is rented out. He has about 5-6 cars. He advised that the builders have left garbage and debris. He is contacting them to remove their junk. [redacted] Code

Violations

#	Violation Type	Grouping	Due Date	Status	Closed Date
1	Garbage, junk, debris - HSC § 17920.3(j) Corrections Required:Remove or dispose of garbage junk and debris.	1		Open	

Inspection Notes

Date: _____ Time: _____

Findings:_____

_____

_____

_____

Redaction Log

Reason	Page (# of occurrences)	Description
Code Enforcement Complaint or General Complaint	**1** (3)	Please note, that with the exception of information for the incident location - personal identifiable information, including: addresses, names, and telephone numbers have been redacted, by the City Clerk's Office, per Government Code 7922.000 and Times Mirror Co. v. Superior Court (1991) 53 Cal.3d 1325, 1337–1339., after determining that the public interest served by not disclosing the full record or the entire record clearly outweighs the public interest by disclosure of the record. The City Clerk's Office reserves the right to treat certain information as confidential and to redact personal identifiable information under the aforementioned government codes upon making the determination that the public interest is best served by redacting such information from complaint records in order to encourage citizen participation in reporting issues to the City and ensuring safety.

CITY OF
MANTECA

March 8, 2022

WARMINGTON AVENDALE LLC
3090 PULLMAN ST
COSTA MESA, CA 92626

RE: NEW CITY ADDRESSES – 1755 THOMAS ST (222-050-04) AND 1758 W YOSEMITE AVE (222-050-05)

Parcel 222-050-03 has been split into two new parcels, 222-050-04 and 222-050-05. Parcel 222-050-04 has been assigned the new address 1755 THOMAS ST. Parcel 222-050-05 has been assigned the new situs (main) address 1758 W YOSEMITE AVE. The previous situs address, 1674 W YOSEMITE AVE is now a secondary address on 222-050-05.

RETIRED APN	RETIRED ADDRESS	NEW APNS	NEW ADDRESSES
222-050-03	-	222-050-04	1755 THOMAS ST
		222-050-05	1758 W YOSEMITE AVE (SITUS/MAIN)
			1674 W YOSEMITE AVE

Please refer to the attached map.

To ensure that the City of Manteca Police and Fire staff can provide you with the highest level of service and protection, addresses on your structures shall comply with the following California Fire Code:

SECTION 505 PREMISES IDENTIFICATION - 505.1 Address numbers. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 0.5 inch (12.7 mm).

The agencies below have been notified of this change. Please contact me at mantecagis@mantecagov.com or (209) 456-8818 should you have any questions.

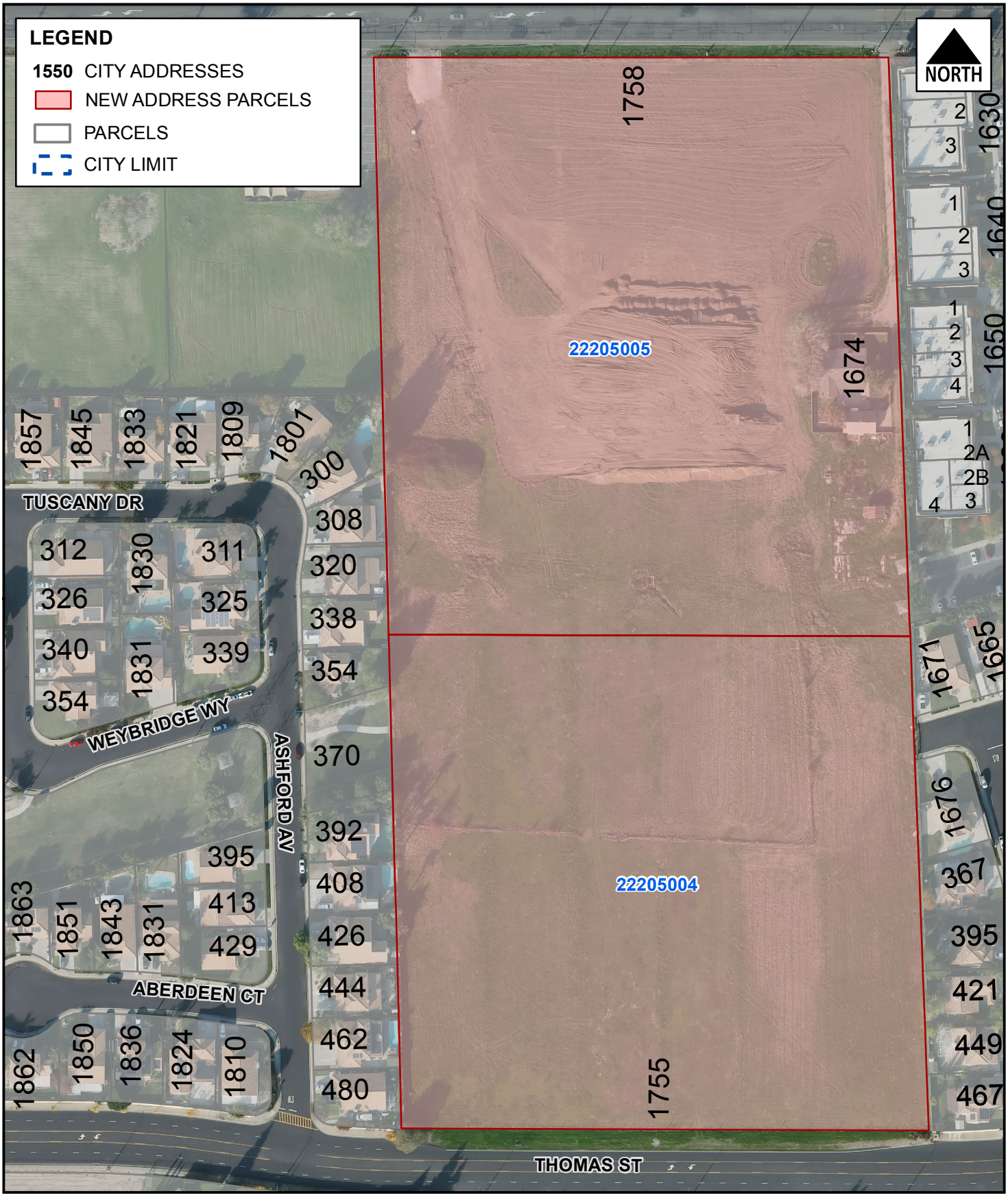
Sincerely,

Tabitha Fraser

Tabitha Fraser | GIS Specialist
Information Technology and Innovation
1001 W Center St, Manteca, CA 95337
Phone: 209-456-8818
mantecagis@mantecagov.com

Cc: City of Manteca – City Clerk, Public Works, Police, Fire, Finance, and Community Development
San Joaquin County Communications (911 Coordinator)
San Joaquin County Registrar of Voters
San Joaquin County Community Development
San Joaquin County Public Works
San Joaquin County Assessor
San Joaquin Clerk of the Board
State Board of Equalization
State Department of Alcoholic Beverage Control
Pacific Gas & Electric Company
Stockton Fire Dispatch
Manteca-Lathrop Fire District
Manteca Ambulance Service
Manteca Unified School District
Comcast
Verizon
South San Joaquin Irrigation District
USPS – Address Management Systems
U.S. Post Office – Manteca 95336/95337

COPY



NEW ADDRESSES - 1758 AND 1674 W YOSEMITE AVE

MARCH 2022

CITY OF MANTECA
1001 W. CENTER STREET
MANTECA, CA 95337

Data on this map is intended for general use and informational purposes only. The City of Manteca does not warrant the accuracy, quality, or completeness of data or suitability for any particular purpose. Information on this map is not intended to replace engineering, survey, or other primary research methods.

0 50 100 150 Feet

T. FRASER
\\F501\IT\GIS\GISProjects\Addresses\New Addresses\1758 AND 1674 W YOSEMITE AVE\1758 AND 1674 W YOSEMITE AVE.mxd

Hagop Tatian

From: Hagop Tatian
Sent: Tuesday, September 19, 2023 10:40 AM
To: COBrecords@sjgov.org
Subject: Public Record Request: 1758 West Yosemite, Manteca, CA 95337
Attachments: Public-Records-Request_KCE MATRIX INC (1758 Yosemite Ave).pdf

Please find attached public record request for the property located at 1758 West Yosemite, Manteca, CA 95337.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506
(818) 559 5500 phone
(818) 559 5511 fax
hagop@kcematrixinc.com

SAN JOAQUIN COUNTY
Greatness grows here.

Clerk of the Board of Supervisors

Submit Form | Print Form

Public Records Request Form

Name of Contact Person: Hagop T.

Company Name: KCE Matrix, Inc.

Street Address: 1112 W. Burbank Blvd., Suite 301

City: Burbank **State:** CA **Zip Code:** 91506

Phone Number: (818) 559 5500 **FAX Number:** (818) 559 5511

E-mail Address: hagop@kcematrixinc.com

Document Name or Description: Public Records

Date or Year(s) to Search: 1930s through Present

Subject Matter: Public Records - Phase I ESA

Number of Copies: 1 ☐ ☐

Additional Information:

We would like to request any records and documentation that you may maintain with regard to current and historic permit applications (building, electrical, sewer, etc.), Certificates of Occupancy and violations for the property located at 1758 West Yosemite Avenue, Manteca, CA 95337

For Clerk's Office Only

Date Received: _____ **Processed by :** _____

Hagop Tatian

From: COBrecords [COB] <cobrecords@sjgov.org>
Sent: Tuesday, September 19, 2023 12:46 PM
To: Hagop Tatian
Subject: RE: Public Record Request: 1758 West Yosemite, Manteca, CA 95337

Hello,

Your request has been received.

Thank You,

How did we do? Please take our brief customer service survey by clicking here.

Janny Som
Office Assistant
San Joaquin County, Clerk of the Board
44 N. San Joaquin Street, Rm 627
Stockton, California 95202
Phone: (209) 468-2350
Email: jsom@sjgov.org

SAN JOAQUIN COUNTY
Greatness grows here.

From: Hagop Tatian <hagop@kcematrixinc.com>
Sent: Tuesday, September 19, 2023 10:40 AM
To: COBrecords [COB] <cobrecords@sjgov.org>
Subject: Public Record Request: 1758 West Yosemite, Manteca, CA 95337

Please find attached public record request for the property located at 1758 West Yosemite, Manteca, CA 95337.

Should you have any questions or require additional information, please do not hesitate to contact our office at (818) 559 5500.

Thank you.

Sincerely,

Hagop Tatian

KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301

Hagop Tatian

From: Hegge, Kristen [CC] <khegge@sjgov.org>
Sent: Thursday, September 28, 2023 9:51 AM
To: Hagop Tatian
Cc: Morelli, Toby [CDD]; Hegge, Kristen [CC]
Subject: CPRA requests
Attachments: KCE Matrix (S. Airport) Response 092823.pdf; KCE Matrix (W. Yosemite) Response 092823.pdf

Attached please find letters concerning your CPRA requests.

Kristen Hegge
Chief Deputy County Counsel
San Joaquin County

209-468-2980

OFFICE OF THE
COUNTY COUNSEL
COUNTY OF SAN JOAQUIN
44 NORTH SAN JOAQUIN STREET, SUITE 679
STOCKTON, CA 95202-2931
TELEPHONE: (209) 468-2980
FAX: (209) 468-0315

EDWARD J. KIERNAN
COUNTY COUNSEL
KIMBERLY D. JOHNSON
ASSISTANT COUNTY COUNSEL
KRISTEN M. HEGGE
CHIEF DEPUTY COUNTY COUNSEL

DEPUTY COUNTY COUNSEL:
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QUENDRITH L. MACEDO
ROBERT E. O'ROURKE
LISA S. RIBEIRO
ZAYANTE (ZOEY) P. MERRILL
ERIN H. SAKATA
KIRIN K. VIRK
RICHARD J. SORDELLO
RACHAEL ALLGAIER
JONATHAN KING

CHILD PROTECTIVE SERVICES COUNSEL:
(209) 468-1330
SUPERVISING CPS COUNSEL
ALISTAIR SHEAFFER
DEPUTY CPS COUNSEL
SHANN S. KENNEDY
YULIANA HERRERA
ANGELA COBB

September 28, 2023

Via email: hagop@kcematrixinc.com

Mr. Hagop Tatian
KCE Matrix, Inc.
1112 W. Burbank Blvd., Suite 301
Burbank, CA 91506

Re: CPRA request received September 19, 2023 re: 1758 West Yosemite, Manteca

Dear Mr. Tatian:

This letter is in response to your Public Records Act request received by San Joaquin County on September 19, 2023. This letter constitutes a written response pursuant to Government Code section 7922.540(a) and is based upon the authorities interpreting the California Public Records Act and Article I, section 3, of the California Constitution.

Following a diligent search and inquiry, San Joaquin County Community Development has been unable to locate any documents responsive to your request. The parcel you describe is located within the City of Manteca and it is suggested that you contact them for this information.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Very truly yours,

Kristen M. Hegge
Chief Deputy County Counsel

c: Community Development

APPENDIX D-2

HISTORIC MAPS

Vacant Land/Residential Property

1758 West Yosemite Ave

Manteca, CA 95337

Inquiry Number: 7443926.3

September 13, 2023

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

09/13/23

Site Name:

Vacant Land/Residential Prope
1758 West Yosemite Ave
Manteca, CA 95337
EDR Inquiry # 7443926.3

Client Name:

KCE Matrix
1112 W Burbank Blvd Suite 301
Burbank, CA 91506
Contact: Aram Kaloustian

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by KCE Matrix 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 # 1242-48D8-B5F8

PO # KCE-2023-413E

Project Vacant Land/Residential

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 #: 1242-48D8-B5F8

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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APPENDIX D-3

AERIAL PHOTOGRAPHS

Vacant Land/Residential Property

1758 West Yosemite Ave

Manteca, CA 95337

Inquiry Number: 7443926.8

September 13, 2023

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

09/13/23

Site Name:

Vacant Land/Residential Prope
1758 West Yosemite Ave
Manteca, CA 95337
EDR Inquiry # 7443926.8

Client Name:

KCE Matrix
1112 W Burbank Blvd Suite 301
Burbank, CA 91506
Contact: Aram Kaloustian

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Acquisition Date: January 01, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: June 26, 1982	USDA
1975	1"=500'	Flight Date: November 08, 1975	Cartwright
1968	1"=500'	Flight Date: May 01, 1968	USGS
1963	1"=500'	Flight Date: June 01, 1963	USDA
1957	1"=500'	Flight Date: July 12, 1957	USDA
1940	1"=500'	Flight Date: May 26, 1940	USDA
1937	1"=500'	Flight Date: August 14, 1937	USDA

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 #: 7443926.8

YEAR: 2020

= 500'

N

EDR


INQUIRY #: 7443926.8
YEAR: 2016
= 500'
N
EDR



INQUIRY #: 7443926.8

YEAR: 2012

= 500'

N

EDR



INQUIRY #: 7443926.8

YEAR: 2009

= 500'

N

EDR



INQUIRY #: 7443926.8

YEAR: 2006

= 500'

N

EDR



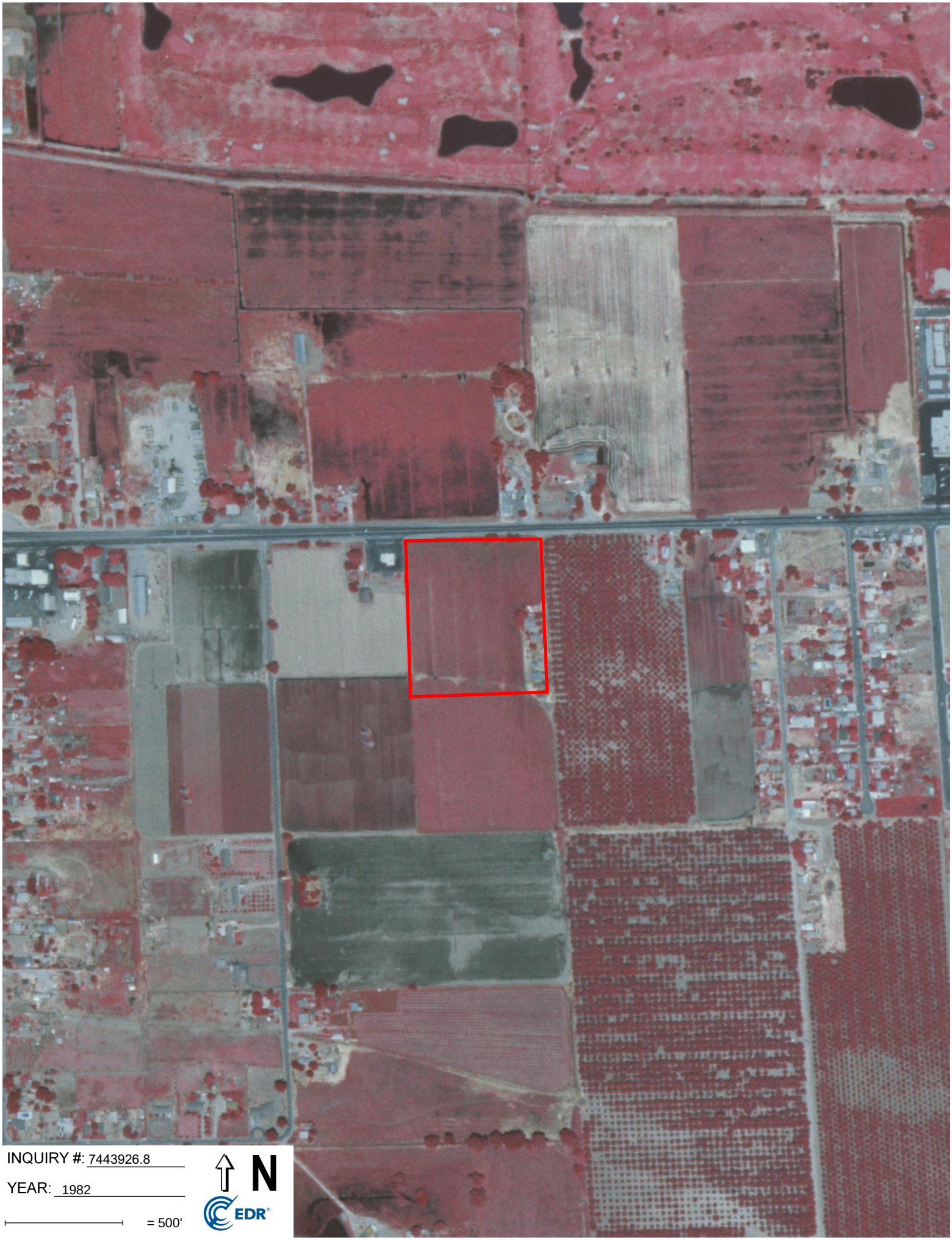
INQUIRY #: 7443926.8

YEAR: 1993

= 500'

N

EDR



INQUIRY #: 7443926.8

YEAR: 1982

= 500'

N

EDR


INQUIRY #: 7443926.8
YEAR: 1975
= 500'
N
EDR



INQUIRY #: 7443926.8

YEAR: 1968

= 500'

N

EDR



INQUIRY #: 7443926.8

YEAR: 1963

= 500'

N

EDR



INQUIRY #: 7443926.8

YEAR: 1957

= 500'

N

EDR


INQUIRY #: 7443926.8
YEAR: 1940
= 500'
N
EDR


INQUIRY #: 7443926.8
YEAR: 1937
= 500'
N
EDR

APPENDIX D-4

HISTORICAL TOPOGRAPHIC MAPS

Vacant Land/Residential Property

1758 West Yosemite Ave

Manteca, CA 95337

Inquiry Number: 7443926.4

September 13, 2023

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

09/13/23

Site Name:

Vacant Land/Residential Prope
1758 West Yosemite Ave
Manteca, CA 95337
EDR Inquiry # 7443926.4

Client Name:

KCE Matrix
1112 W Burbank Blvd Suite 301
Burbank, CA 91506
Contact: Aram Kaloustian

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by KCE Matrix 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.# KCE-2023-413E

Project: Vacant Land/Residential

Coordinates:

Latitude:	37.796347 37° 47' 47" North
Longitude:	-121.244934 -121° 14' 42" West
UTM Zone:	Zone 10 North
UTM X Meters:	654521.33
UTM Y Meters:	4184670.35
Elevation:	29.00' above sea level

Maps Provided:

2018	1968
2015	1952
2012	1914, 1915
1996	
1994	
1991	
1987	
1976	

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Topo Sheet Key

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

2018 Source Sheets



Manteca
2018
7.5-minute, 24000



Lathrop
2018
7.5-minute, 24000

2015 Source Sheets



Manteca
2015
7.5-minute, 24000



Lathrop
2015
7.5-minute, 24000

2012 Source Sheets



Manteca
2012
7.5-minute, 24000



Lathrop
2012
7.5-minute, 24000

1996 Source Sheets

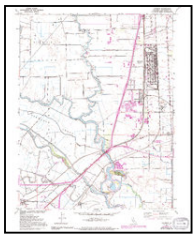


Lathrop
1996
7.5-minute, 24000
Aerial Photo Revised 1982

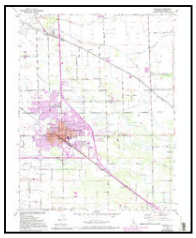
Topo Sheet Key

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

1994 Source Sheets



Lathrop
1994
7.5-minute, 24000
Aerial Photo Revised 1982



Manteca
1994
7.5-minute, 24000
Aerial Photo Revised 1982

1991 Source Sheets



Manteca
1991
7.5-minute, 24000
Aerial Photo Revised 1982

1987 Source Sheets



Manteca
1987
7.5-minute, 24000
Aerial Photo Revised 1982



Lathrop
1987
7.5-minute, 24000
Aerial Photo Revised 1982

1976 Source Sheets



Lathrop
1976
7.5-minute, 24000
Aerial Photo Revised 1976

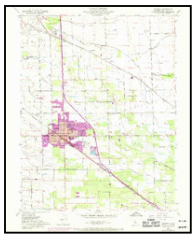


Manteca
1976
7.5-minute, 24000
Aerial Photo Revised 1976

Topo Sheet Key

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

1968 Source Sheets

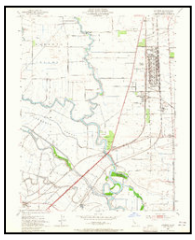


Manteca
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Lathrop
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1952 Source Sheets



Lathrop
1952
7.5-minute, 24000
Aerial Photo Revised 1949



Manteca
1952
7.5-minute, 24000
Aerial Photo Revised 1949

1914, 1915 Source Sheets



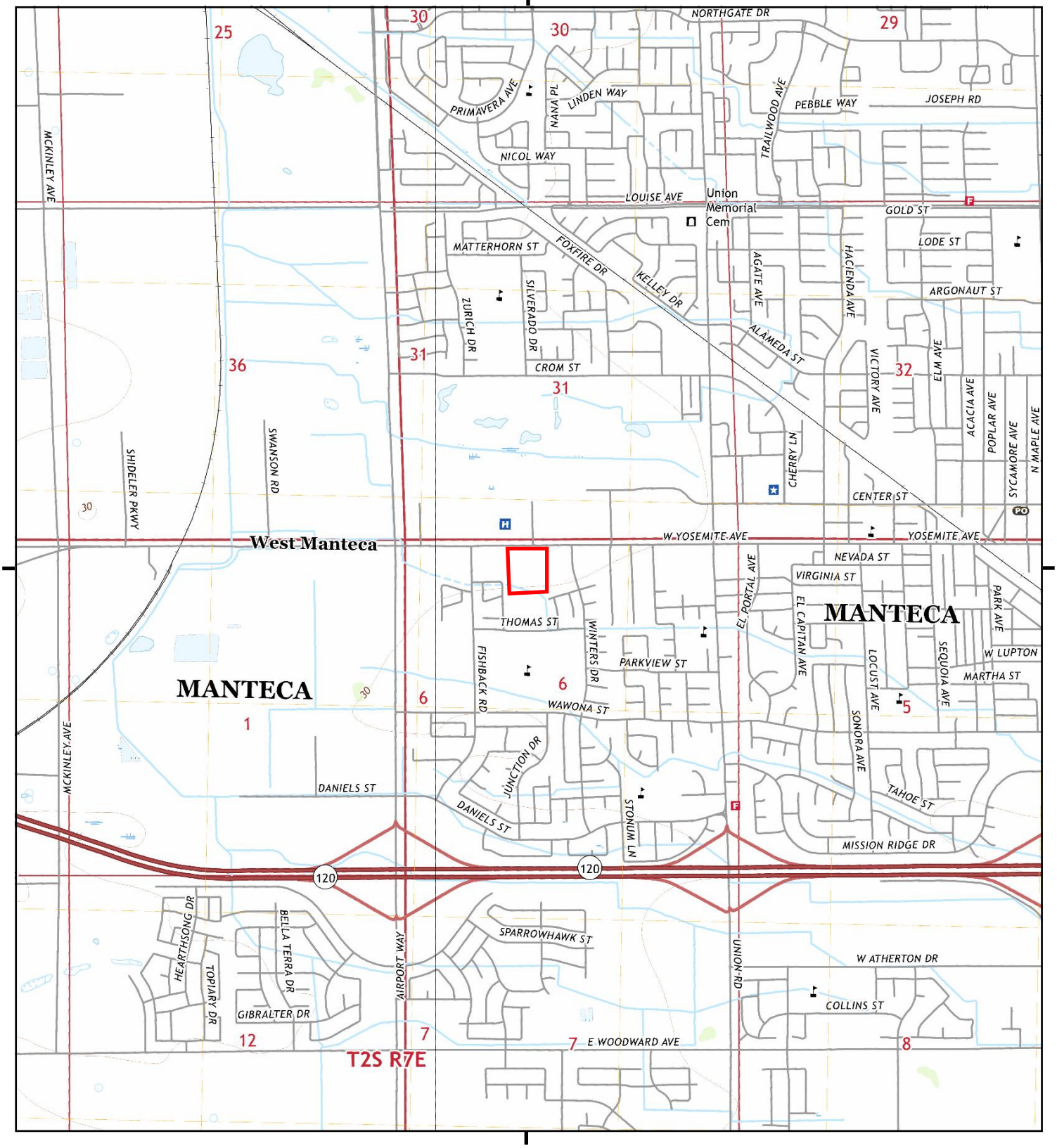
Manteca
1914
7.5-minute, 31680



Lathrop
1915
7.5-minute, 31680

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

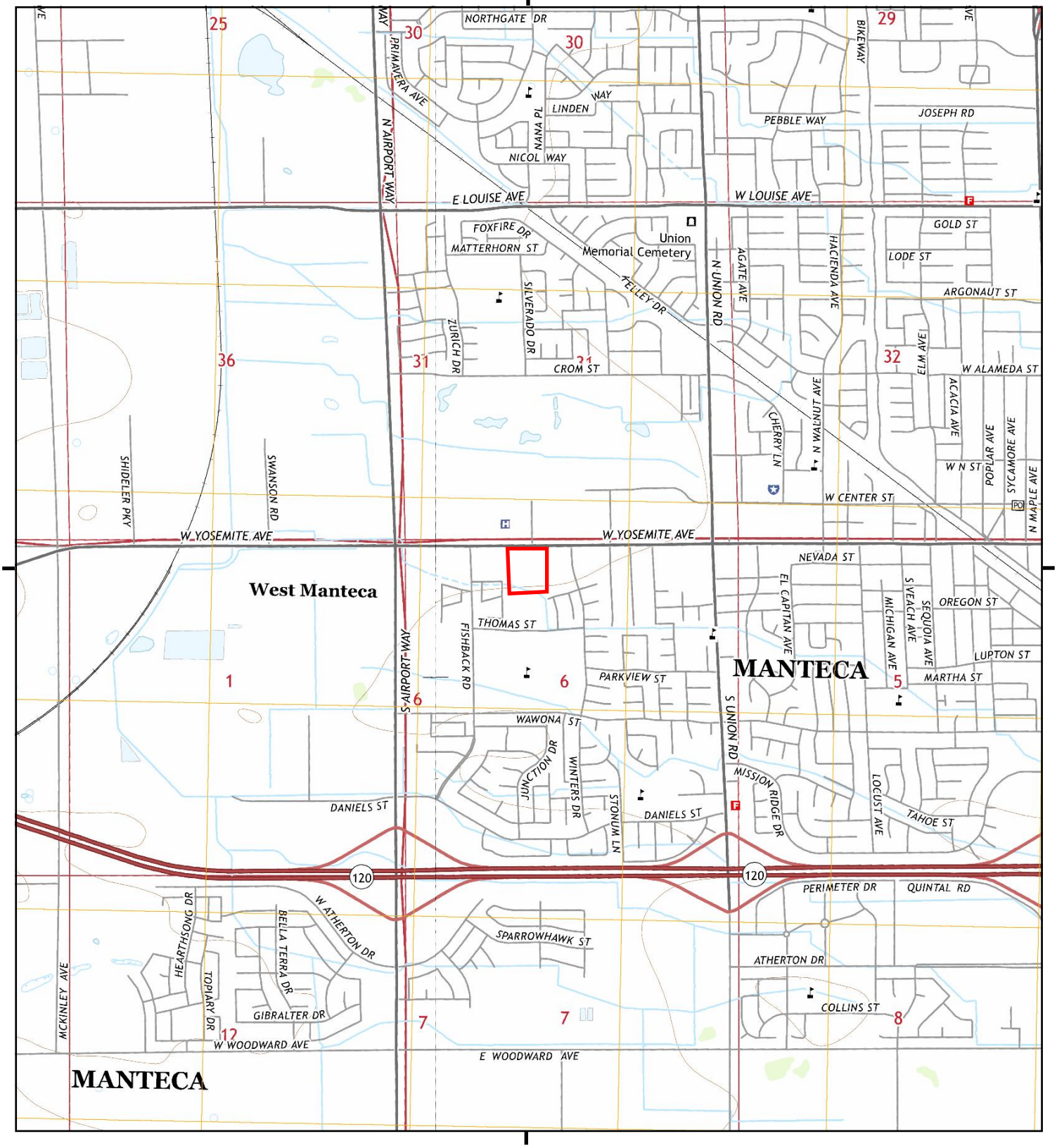
TP, Manteca, 2018, 7.5-minute
W, Lathrop, 2018, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

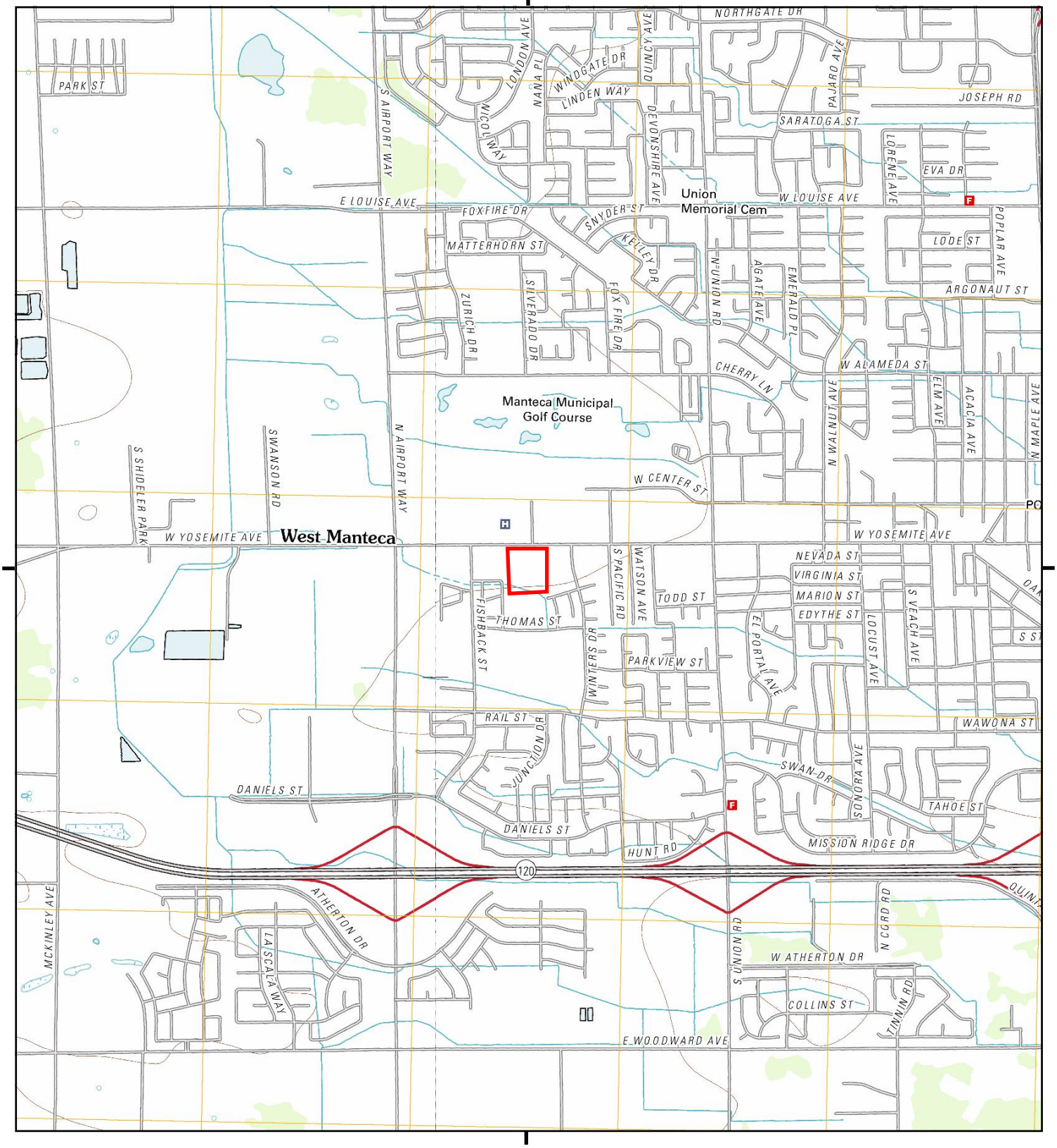
TP, Manteca, 2015, 7.5-minute
W, Lathrop, 2015, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

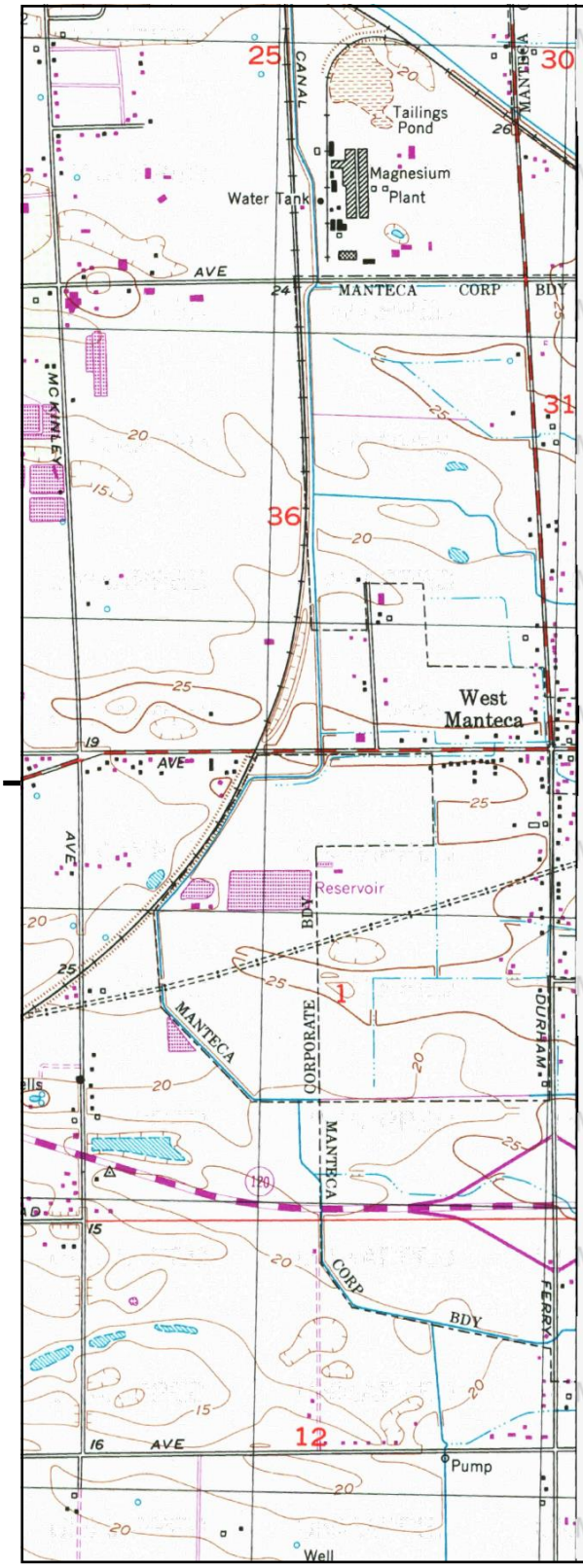
TP, Manteca, 2012, 7.5-minute
W, Lathrop, 2012, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1996



UNMAPPED

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

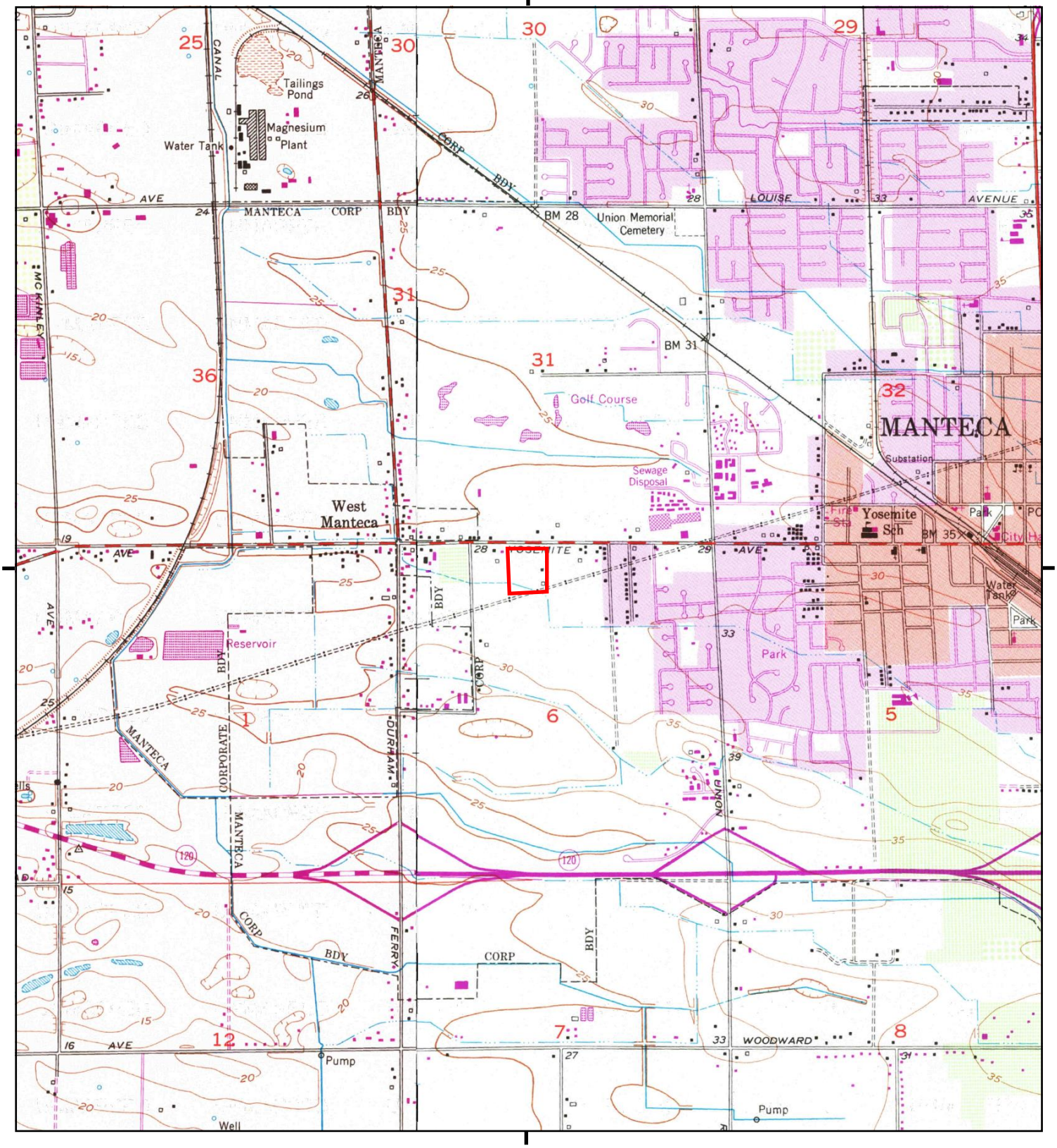
W, Lathrop, 1996, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

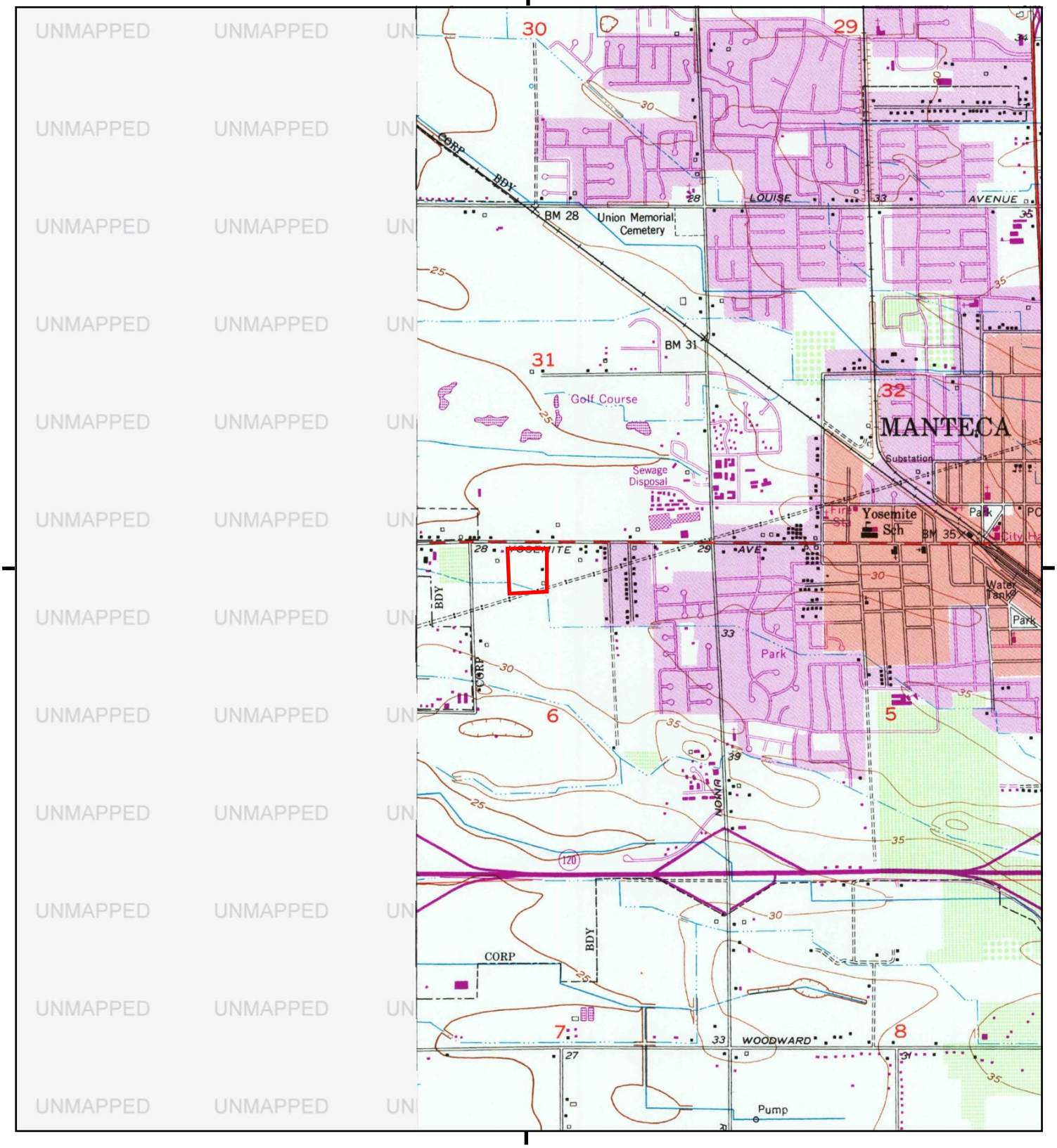
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Manteca, 1994, 7.5-minute
W, Lathrop, 1994, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

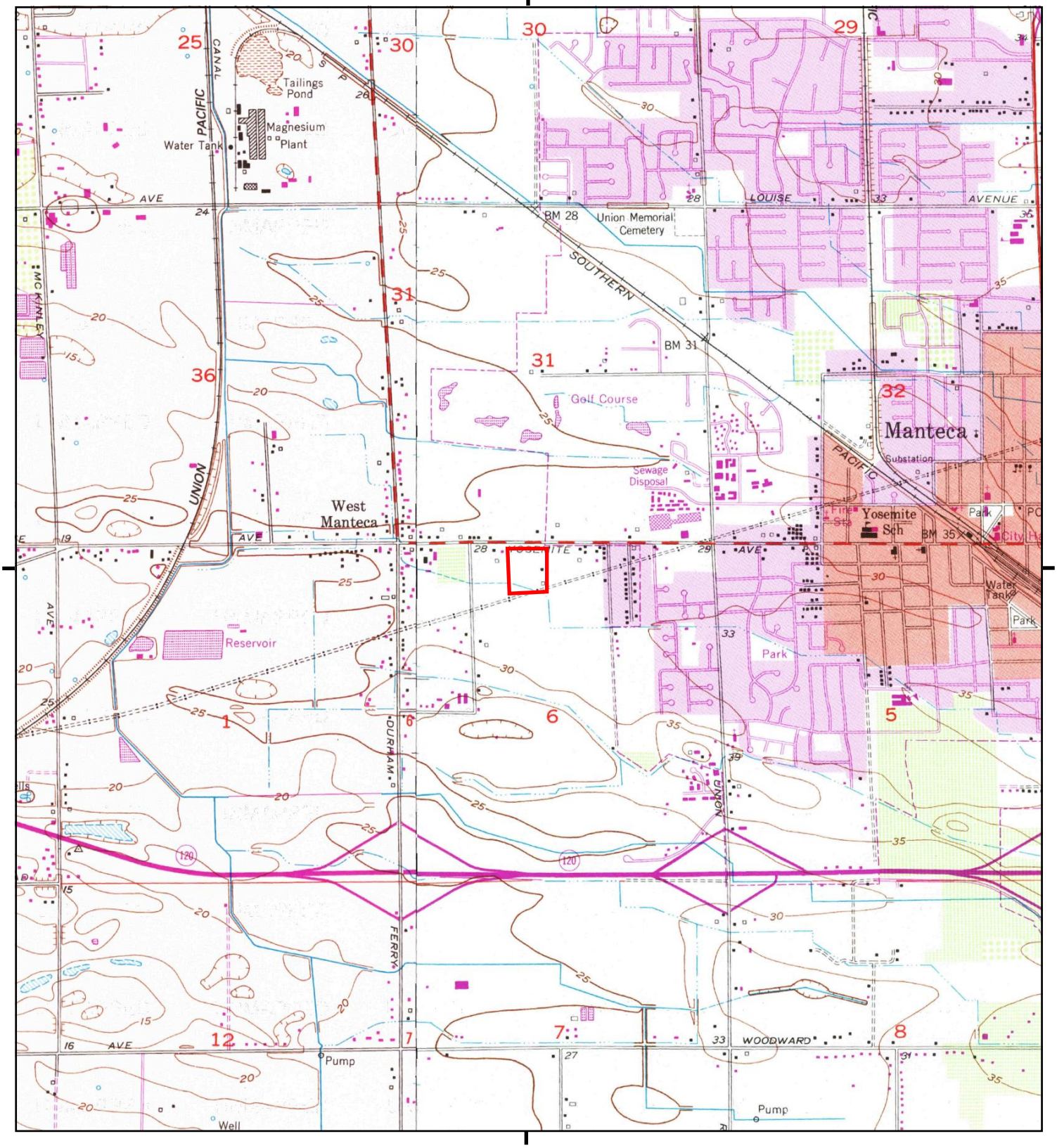
TP, Manteca, 1991, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1987



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

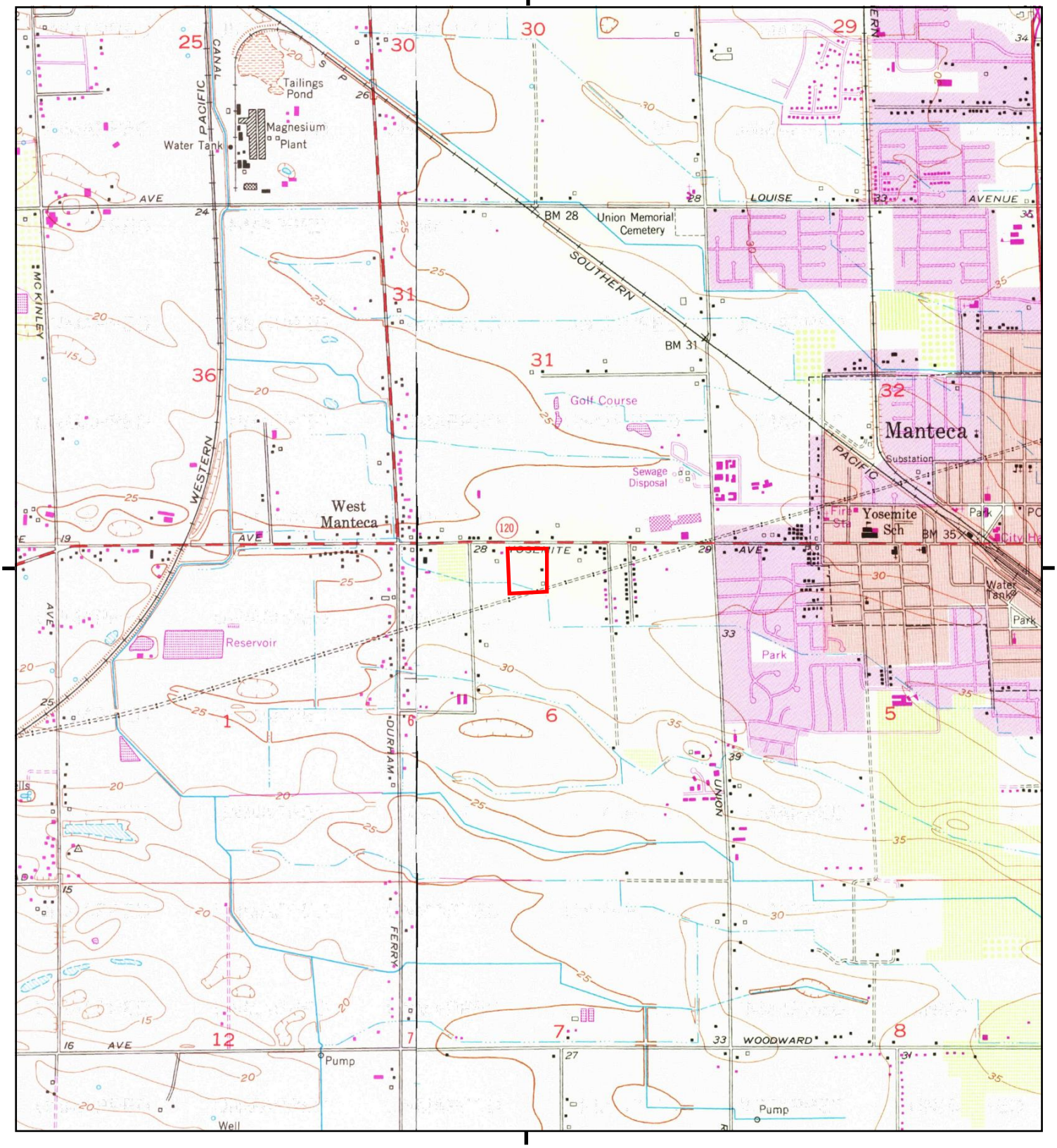
TP, Manteca, 1987, 7.5-minute
W, Lathrop, 1987, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1976



This report includes information from the following map sheet(s).

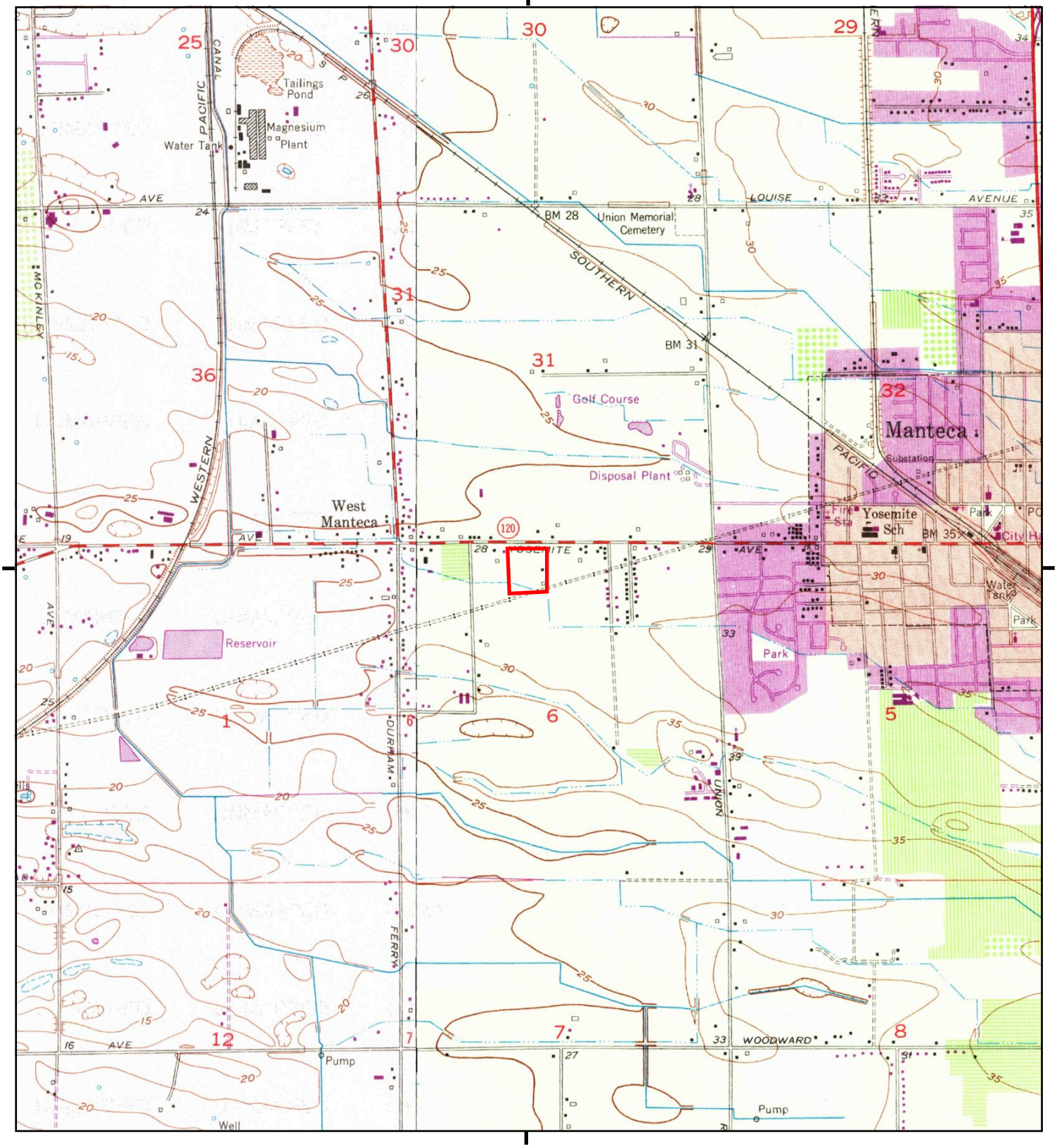
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Manteca, 1976, 7.5-minute
W, Lathrop, 1976, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

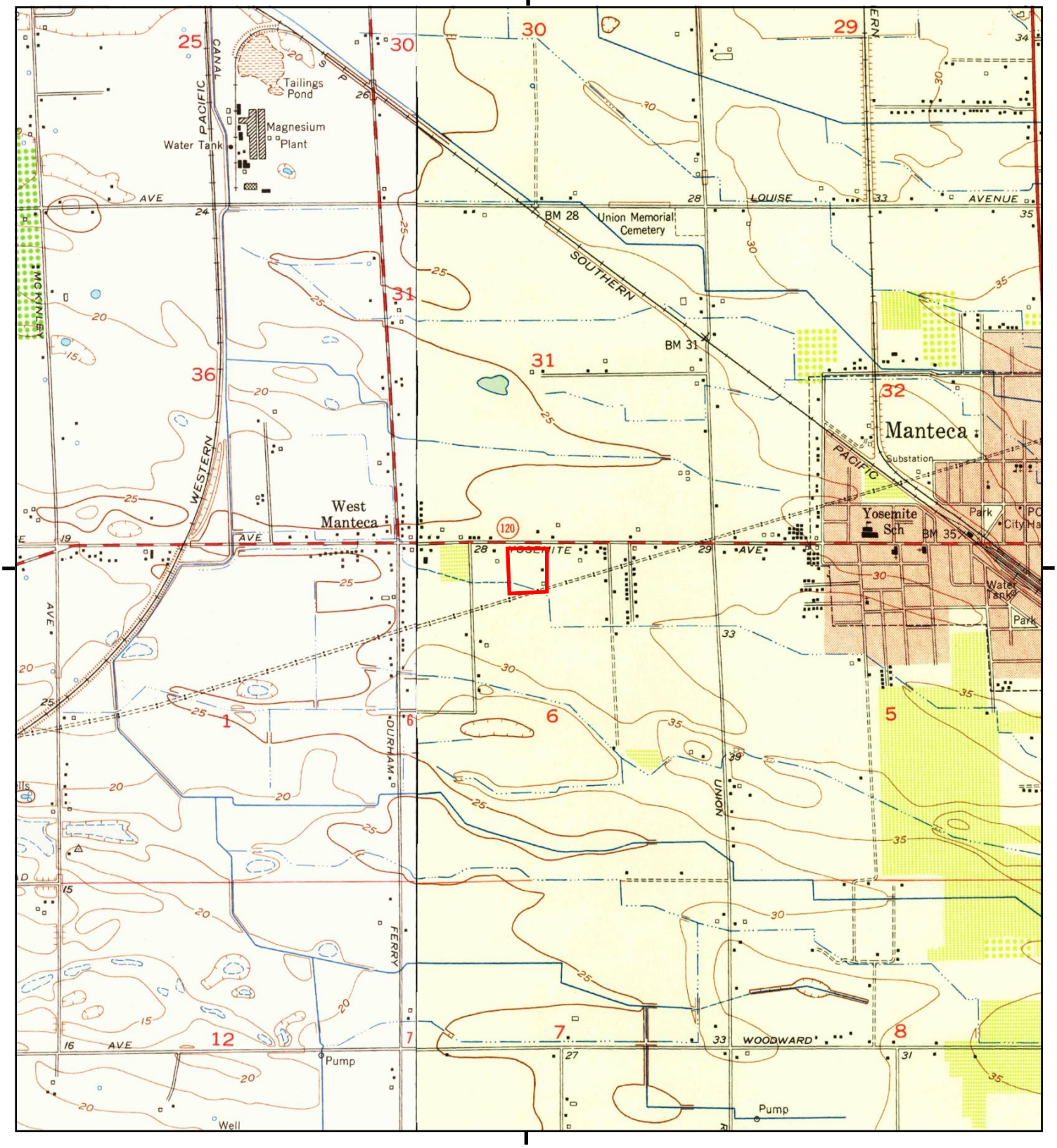
TP, Manteca, 1968, 7.5-minute
W, Lathrop, 1968, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1952



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

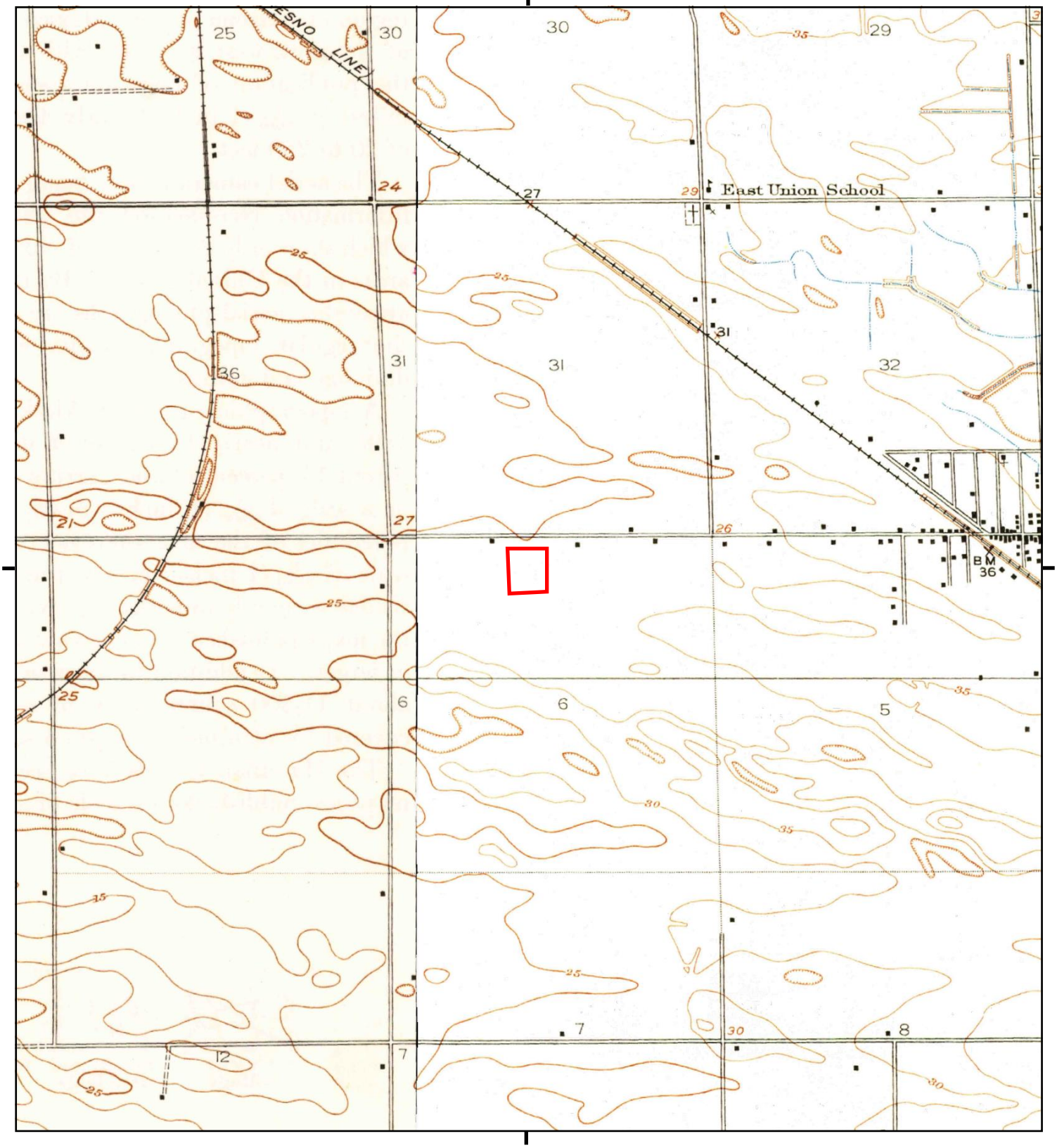
TP, Manteca, 1952, 7.5-minute
W, Lathrop, 1952, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

Historical Topo Map

1914, 1915



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, Manteca, 1914, 7.5-minute
W, Lathrop, 1915, 7.5-minute

SITE NAME: Vacant Land/Residential Property
ADDRESS: 1758 West Yosemite Ave
Manteca, CA 95337
CLIENT: KCE Matrix

N

APPENDIX D-5

CITY DIRECTORY ABSTRACT

Vacant Land/Residential Property
1758 W Yosemite Ave
Manteca, CA 95337

Inquiry Number: 7443926.5
September 15, 2023

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☑	EDR Digital Archive
2017	☑	☑	Cole Information
2014	☑	☑	Cole Information
2010	☑	☑	Cole Information
2005	☑	☑	Cole Information
2000	☑	☑	Cole Information
1995	☑	☑	Cole Information
1992	☑	☐	Cole Information
1985	☑	☐	Haines Criss-Cross Directory
1981	☑	☐	Haines Criss-Cross Directory
1977	☑	☐	Haines Criss-Cross Directory
1973	☑	☐	Polk's City Directory
1968	☑	☐	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

1758 W Yosemite Ave
Manteca, CA 95337

Year	*CD Image*	*Source*

W YOSEMITE AVE

2020	pg A2	EDR Digital Archive
2017	pg A5	Cole Information
2014	pg A7	Cole Information
2010	pg A9	Cole Information
2005	pg A11	Cole Information
2000	pg A13	Cole Information
1995	pg A15	Cole Information
1992	pg A16	Cole Information
1985	pg A17	Haines Criss-Cross Directory
1981	pg A18	Haines Criss-Cross Directory
1977	pg A19	Haines Criss-Cross Directory
1973	pg A20	Polk's City Directory
1968	pg A21	Polk's City Directory

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
SAINT DOMINICS DR			
2020	pg. A1	EDR Digital Archive	
2017	pg. A4	Cole Information	
2014	pg. A6	Cole Information	
2010	pg. A8	Cole Information	
2005	pg. A10	Cole Information	
2000	pg. A12	Cole Information	
1995	pg. A14	Cole Information	
1992	-	Cole Information	Target and Adjoining not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1981	-	Haines Criss-Cross Directory	Street not listed in Source
1977	-	Haines Criss-Cross Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SAINT DOMINICS DR 2020

165	BECKER JEFFREY J DDS
	CHOWDHURY SUKALPA MD
	DIRECT DERMATOLOGY
	DIRECT DERMATOLOGY PRO PC
	GALANG MARY J MD
	GALANG NATHANIEL F NP
	JOHN BRINTON
	JOHN C TRUEB DDS INC
	MANTECA CARE CTR
	MARY JACQUELINE GALANG INC
	MC FALL BURNETT & BRINTON
	MCFALL BURNETT & BRINTON ATTY
	SAN KYI L MD
	TATE DIAGNOSTIC INC
	TRUEB & BECKER DENTAL
	TRUEB JOHN C DDS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W YOSEMITE AVE 2020

1600	ASHOK VEERANKI INC
	LIBERTY PROPERTY MGMT-MANTECA
	PMC
	PMZ REAL ESTATE
	ROBERT ARROYO REAL ESTATE SVC
	VANDERBEEK CHRISTOPHER DDS
	ZAGARIS PAUL M
1610	MEHRDAD AMIRHAMZEH
	MEHRDAD AMIRHAMZEH MD
	SIERRA VEIN & VASCULAR INST
	SIERRA VEIN VASCULAR INSTITUTE
	TRANG DUONG ORTHODONTICS
1620	DAVITA MANTECA DIALYSIS
	MANTECA DIALYSIS
1630	LOANDEPOT
	LYNDA Z MENDOZA MOBILE NOTARY
	MUC ADMINISTRATION
	ZEITER EYE MEDICAL GROUP INC
1640	HO MADISON DPT
	MONTGOMERY SCOTT DPT
	SANDIS CIVIL ENGRS SURVEYORS
	SANDIS/US RELIEVE INTL CIVIL
1650	DAVITA YOSEMITE STREET DLYSS
1660	GLADSTONE CLINIC-DERMATOLOGY
	SLEEP MED
1721	ARTINYAN EDMON
	ATM
	BAUER BARBARA MD
	GITTHENS MOSES LISA M MD
	HUMPHREY LOURDES V
	KADOSH LILY V
	KAISER PERMANENTE HEALTH PLAN
	KAISER PERMANENTE MANTECA MED
	KAISER PERMANENTE MED GROUP
	KURTZER JESSICA
	MANTECA MEDICAL OFFICES
	MATHER KENZI ELLEN
	RAVOTTI KENDELL L
	RODRIGUEZ GILBERTO
	SCOTT REBECCA ANN
1771	KAISER PERMANTE
1777	ANGELES LUPITA M
	AVITIA ALICIA RN
	BRIGGS KELLY LYNN RN
	D'SOUZA ROSAMANI MD
	DIAZ-CAPORGNO SOFIA JULIE
	FERNANDEZ MONA LISA
	HAMID AMIR
	HUFF TODD LEWIS
	HUYNH THAILAI T MD

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W YOSEMITE AVE 2020 (Cont'd)

1777	KAISER PERMANENTE MANTECA MED
	KAISER PERMANENTE MANTECA PHRM
	KAISER PERMANENTE MED GROUP
	KAISER PERMANENTES
	LEUNG JASON
	LOPEZ-PASION SHARRON
	MANTECA MEDICAL CTR
	PELL LISA
	RAMSDELL JASON H PA
	ROSS JANICE SUE
	ST DOMINIC'S HOSPITAL
	SWORTFIGUER LORRIE JEAN
	TACKETT BRENDA K
	WONG SHARON W MD
1779	AKIN SARAH
	DIAZ GENARO F
	MORALES JASON
	MORGAN CATHERINE
	MORRIS II JIMMIE R
	REFFELL SANDRINE S
1789	AGUILAR II ARMANDO R
	BERNAL RAYMOND M MD
	HUSTEAD JERICA
	MYERS FRANK A MD
	RHODES CONNIE R
	SHAMAL AMIN MD
	WEEDIN JOHN W MD
	WUNSCHEL STEVEN R MD
1800	COCO BONGO BAR LOUNGE
	MASALATINA
	TRACES OF LIFE FOODS
1873	IRENE SAUNDERSON
	JASON GEORGE
1982	RAINFOREST NURSERY-LANDSCPG
1985	TGS TRANSPORTATION

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 2017

165
DIRECT DERMATOLOGY
DONALD K LUPUL ATTY
GALANG MARY JACQUELINE MD INC
JOHN C TRUEB DDS
JOHN D BRINTON ATTY
LAW OFFICES OF MCFALL BURNETT & BRI
MARGARET TRUEMAN WEBER ATTY
PUREWAL MD PRABHJIT
PUREWAL, PRABHJIT

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 2017

1600	ASHOK N VEERANKI DDS
1610	MEHRDAD AMIRHAMZEH MD
	MEHRDAD MD AMIRHAMZEH FACS FACC
	TRANG DDS DUONG MS
	YELLOWPAGESCOM
1620	COUNCIL OF THE SPANISH SPEAKING
	DAVITA
1630	CANZANO, JOHN
	HAROLD HAND MD
	JOHN C CANZANO MD
	RICHARD M WONG MD
	ZEITER EYE MEDICAL GROUP INC
1640	JT2 INTEGRATED RESOURCES
1650	DAVITA
1660	RLC ASSOCIATES
	SLEEPMED
1721	KAISER PERMANENTE
1777	KAISER PERMANENTE
	ST JOSEPHS BEHAVIORAL HEALTH CENTE
1783	STATE OF CALIFORNIA
1800	DELITE HAWKINS FAMILY CAFE
	JIMMYS BURGERS
	TRACES OF LIFE FOODS
1873	VILLALOBOS, RICARDO
1895	LYON, RAYMOND J
1985	NU VISIONS CONSTRUCTION

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 2014

165	GALANG MARY JACQUELINE MD INC
	LAW OFFICES OF MCFALL BURNETT & BRI
	PRABHJIT S PUREWAL MD
	PUREWAL PRABHJIT MD
	PUREWAL, PRABHJIT
	TRUEB JOHN C DDS
	YEE RANDALL K DR

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 2014

1600	RHODE TIM
	VEERANKI ASHOK DDS INC
1610	AMIRHAMZEH MEHRDAD MD FACS FACC
1620	COUNCIL OF THE SPANISH SPEAKING
1625	OCCUPANT UNKNOWN,
1630	ZEITER EYE MEDICAL GROUP INC
1640	JT2 INTEGRATED RESOURCES
1650	DAVITA YOSEMITE AVENUE DIALYSIS CENT
1660	RLC ASSOCIATES
	SLEEPMED
	TRAVEL BY CHARLIE
1674	RHODES, RICHARD E
1721	KAISER FOUNDATION HEALTH PLAN
	KAISER PERMANENTE MANTECA MEDICAL OF
1777	KAISER FOUNDATION HOSPITAL MANTECA
	SAINT JOSEPHS BEHAVIORAL HEALTH CEN
	ST JOSEPHS BEHAVIORAL HEALTH CENTE
1800	DELITE HAWKINS FAMILY CAFE
	JIMMYS BURGERS
1830	HARRIS, JOHN
1873	VILLALOBOS, RICARDO
1877	OCCUPANT UNKNOWN,
1895	OCCUPANT UNKNOWN,
1901	MELLO, MARLENE S
1982	JONAS SCHAMBECK
	OCCUPANT UNKNOWN,
1985	CTP TRANSPORT INC

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 2010

165	DR CYNTHIA VANATA EMANI VENKATA R MD MARY JACQUELINE GALANG INC MC FALL BURNETT & BRINTON TRUEB JOHN C DDS YEE RANDALL K MD YEE, RANDALL K

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 2010

1600	PMZ RHODE REAL ESTATE
1620	EL CONCILIO CALWORKS
1625	MCCONNIEL, WILLIAM C
1650	DA VITA YOSEMITE AVENUE DLYSS
1660	RLC ASSOCIATE
	SLEEP MED OF CALIFORNIA
	TRAVEL BY CHARLIE
1674	KEPPEL, JOSHUA
1721	KAISER PERMANENTE
	KAISER PERMANENTE HEALTH PLAN
	SOUTHWICK DENISE D
	WILSON NICOLE L
1777	CALDWELL GREGORY R
	CHANG THOMAS M MD
	KAISER PERMANENTE
	LI YANYAN MD
	MERGES DANIEL F MD
	WONG SHARON W MD
1779	GAMBHIR ANITA R MD
	KAISER PERMANENTE
1802	CAMARGO, ALICIA
1873	SAUNDERSON, IRENE L
1895	OCCUPANT UNKNOWN,
1985	COMPASS CONTAINER GROUP INC
	N U VISIONS CONSTRUCTION

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 2005

165
CARDIOVASCULAR CARE & RESEARCH INSTI
CYNTHIA VANATA DO
DAEMEN MEDICAL GROUP
GALANG & YEE MDS
HOOMAN MADYOON MD
INTRNTNL PRPRTY INVSTMNT L
JIB INTERNATIONAL INC
JOHN C TRUEB DDS
LUPUL DONALD K
MADYOON, HOOMAN
MARY GALANG MD INC
MCFALL BURNETT & BRINTON
PARTY OF VASCULARE CARE AND RESEARCH
SAN JOAQUIN CARDIOLOGY MEDICAL GROUP
SUNCREST / DENAIR LLC
SUNCREST/DENAIR LLC
TRUEB, JOHN C
VANATA, CYNTHIA M
YEE RANDALL K
YEE, RANDALL K

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 2005

1507	GRECCO ELIZABETH DDS
	J C DENTAL CERAMICS
	MOREHEAD BONNIE J DDS
	SOLOMON JOSHUA DDS
1509	MATSON DR MICHAEL R DDS INC
	PRIMERICA FINANCIAL SERVICES INC
	STATE FARM / LISA MCKEOWN
1511	GRECCO, MARK
1515	ANIMAL REFERRAL CENTER
	CENTRAL VALLEY VETERINARY HOSPITAL I
	HART CAROL DVM
1519	CENTRAL VALLEY CHIROPRACTIC
	REDDING WAYNE M DC
1540	SECURED SELF STORAGE
	SECURED SELF STORATE
1625	MCCONNIEL, WILLIAM C
1674	KEPPEL, PAUL A
1721	KAISER PERMANENTE MANTECA PHARMACY
	MANTECA KAISER MEDICAL OFFICE
1777	KAISER FOUNDATION HOSPITAL
	SAINT DOMINIC S HOSP PHYSICAA THER
	ST JOSEPHS MANTECA
1779	EMANI VENKATA MD
	GOULD MEDICAL FOUNDATION
	MANTECA OPEN MRI
	PATEL, RAHUL
	PETER G LUND MD
	SAINT JOSEPHS MEDICAL ASSOCS
	WIN SANDRA MD
1783	EMPLOYMENT DEVELOPMENT DEPT
	MANTECA WORKNET
1789	BOUCHARD LINDA MD
	DANTO LAWRENCE A MD
	FREYMAN DANIELSEN ANITA MFT
	MAL, FLORINDA
	MALLORCA FLORINDA G MD
	MANTECA EYECARE ASSOCIATES
	MARGUILES AARON G MD FACS
	MARRAM DONALD R DPM
	MARRAM, DONALD R
	SOETH, ELIZABETH M
	WIN, SANDRA
	ZEITER EYE
	ZEITER JOSEPH T MD
1800	YOSEMITE INN
1802	CAMARGO, ALICIA
1830	SWAIN, KATHRYN W
1895	OCCUPANT UNKNOWN,
1985	PETERS, TED T
	TED PETERS TRUCKING

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 2000

165	ADAMS AUTHER E MD
	BENAK, CAROL
	CONTRERAS MARSHALL R MD
	EATON MEDICAL GROUP
	LUPUL, DONALD K
	MANTECA EYECARE ASSOCIATES
	MISELIS KENNETH V MD
	MULLIKIN MEDICAL CENTERS MANTECA
	PATEL RAHUL L MD
	ST JOSEPHS MEDICAL ASSOCIATES

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 2000

1507	BLEDSOE MARVIN R DDS PEDTRC DENTISTRY VALLEY OAK DENTAL
	CICCARELLI RUDY R DDS
	CLEVENGER STEVEN R DDS VALLEY OAK DENTAL GROUP
	FULLER NORMAN D III DDS PERIODONTAL SURGERY
	GRECCO MARK A DMD
	J C DENTAL CERAMICS
	TONN ELVERNE M DDS
	VALLEY OAK DENTAL GROUP
1509	MATSON MICHAEL R DDS INCORPORATED
1512	MUFFLER & BRAKE
	PETES MUFFLER & BRAKE
1515	ANIMAL REFERRAL CENTER
	CENTRAL VALLEY VETERINARY HOSPITAL INCORPORATED
	WENDT, VIRGIL A
1530	HARPER, VALARIE R
1777	HEALTHCARE CLINICAL LABORATORY
	ST DOMINICS HOSPITAL
1779	HEALTHCARE CLINICAL LABORATORY
1783	EMPLMNT DEVELOPMENT DEPARTMENT ADMNSTRV OFFICE
	SAN JOAQUIN COUNTY OF EMPLOYMENT & ECONOMIC DEVELOPMENT DEPA
1800	OFIES MEXICAN CUISINE
1802	CAMARGO, RON
1873	OCCUPANT UNKNOWN,
1895	OCCUPANT UNKNOWN,
1985	ALIX & COMPANY TRUCKING INCORPORATED
	PETERS TED TRUCKING COMPANY INCORPORATED

Target Street	Cross Street	Source
-	✓	Cole Information

SAINT DOMINICS DR 1995

165	BENAK, CAROL
	CAROLYN SHOCKEY
	CENTER PODIATRY GROUP
	DONALD K LUPUL
	JOHN A FREDERICK
	KAPLAN, ROBERT J
	MALONE, JAMES R
	MANTECA PHYSICIAN ASSOC
	MC FALL BURNETT BRINTON
	OBSTETRICS GYNECOLOGY MID WIFE
	RAFAEL VICTORIA MD
	RANDALL K YEE MD

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 1995

1507	BONNIE J MOREHEAD DDS
	DENNIS R HOOVER DDS
	ELVERNE M TONN DDS
	J C DENTAL CERAMICS
	JOHN C TRUEB DDS
	MARK A GRECCO DDS
	MARK HOCHHALTER DDS
	MARVIN R BLEDSOE DDS
	NORMAN D FULLER III DDS
	RUDY CICCARELLI DDS
	VALLEY OAK DENTAL GROUP
1509	MICHAEL R MATSON DDS
1512	PETES MANTECA MUFFLER
1515	CENTRAL VALLEY VETERINARY HOSP
1765	ST DOMINICS PHARMACY
1777	DEVINDER K MAKKER MD
	DICK ALDRED
	DONALD R MARRAM DPM
	HOOMAN MADYOOM MD
	RAFAEL VICTORIA MD
	ST DOMINICS HEALTHCARE
	ST DOMINICS HOSPITAL
1779	HEALTHCARE CLINICAL LABORATORY
	LARS P ENEVOLDSEN MD
	PETER LUND MD
	SCOTT BRADLEY MD
1800	OUR PLACE
1802	WELCH, BRENDA
1873	ROGERS, JOHNNIE R
1985	PORT CITY SVC
	TED PETERS TRUCKING

Target Street	Cross Street	Source
✓	-	Cole Information

W YOSEMITE AVE 1992

1507	J C DENTAL CERAMICS
1509	MATSON M R DDS INC
1512	MUFFLER&BRAKE
1515	CENTRL VLY VET HOSP
	FREY ANDREW J DVM
	FREY, ANDREW J
1721	ACES CSTM AUTO SHOP
1765	ST DOMINICS PHAR
1777	BENAK, CAROL
	D N H MEDICAL MNG
	GONG RODNEY MD
	HEALTHCARE CLINICAL
	ST DOMINICS HSPTL
1779	BRADLEY SCOTT MD
	LUND PETER MD
1919	TEUNISSEN, LEO
2014	GONSALVES, TONY
	MANTECA MFG
2062	K&R WELDING&MACHNG
2072	MONKEYS RV&AUTO SRV
	RIEGLE FAST FREIGHT
2124	FERNANDEZ, V I
2147	M&A MARKET
2150	ROADRUNNER MFG CO
2194	BARRUETA, JESUS
	HOWARD, HERMAN

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W YOSEMITE AVE 1985

1281	RADIO SNACK	823-7424	6
1285	XXXX	00	
1315	XXXX	00	
1321	K MART STORE 9208	239-4300	4
	K MART STR 9208	239-9551	+5
1351	STRAW HAT PIZZA	623-1108	
1442	XXXX	00	
1480	XXXX	00	
1524	WAYNES AUTO REPAIR	235-2879	+5
1554	OAIWA AUTHORIZED SV	823-8348	2
	GAS MART	239-1792	+5
1601	XXXX	00	
1716	MANTECA MUFFLER	823-1208	
	PETES MANTECA MFFLR	823-1209	
4022	RIEGLE FAST FREIGHT	239-5613	+5
HQ #	BROWN MANIN INC	823-2194	
★	116 BUS 103 RES	38 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W YOSEMITE AVE 1981

1265	SERENDIPIST THE	239-3428	7
1271	REVELATION	239-2811	0
1281	RADIO SHACK	823-7424	6
1285	XXXX	00	
1315	XXXX	00	
1321	K MART STORE 9206	239-4250	8
	K MART STORE 9206	239-4300	8
1351	STRAW HAT PIZZA	823-1108	5
1442	XXXX	00	
1480	XXXX	00	
1524	ROY&SONS BODY SHOP	239-2060	+1
	ROY&SONS TRNSMSN SV	239-2060	9
1554	DELTA BAIT&TACKLE	823-8346	0
	DELTA FISH CO	823-8346	9
1601	XXXX	00	
1716	MANTECA MUFFLER	823-1209	
	PETES MANTECA MFFLR	823-1209	
1830	XXXX	00	
1901	CREAGHE O A	823-1502	9
	WRIGGLESWORTH T A	823-7832	8
NO #	BROWNMAHIN INC	823-2194	
★	118 BUS 111 RES	48 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W YOSEMITE AVE 1977

1315	XXXX	00
1321	*SHEA & ASSOCIATES	823-5531+7
1351	*STRAW HAT PIZZA	823-1108 5
1442	XXXX	00
1480	XXXX	00
1524	XXXX	00
1554	*BILLS BAIT AND FISH	239-3819+7
1601	VANDEPOL MARION E	823-2628
1716	*FULLERS SEPTIC TANK	239-1646 6
	*PETES MANTECA MFFLR	823-1209
1901	XXXX	00
3840	XXXX	00
4201	*G L TRUCKING	982-1408 6
	GUTHMILLER ARTHUR	982-1408 6
4747	XXXX	00
NO #	*BROWN MAHIN INC	823-2194
	* 102 BUS 106 RES	38 NEW

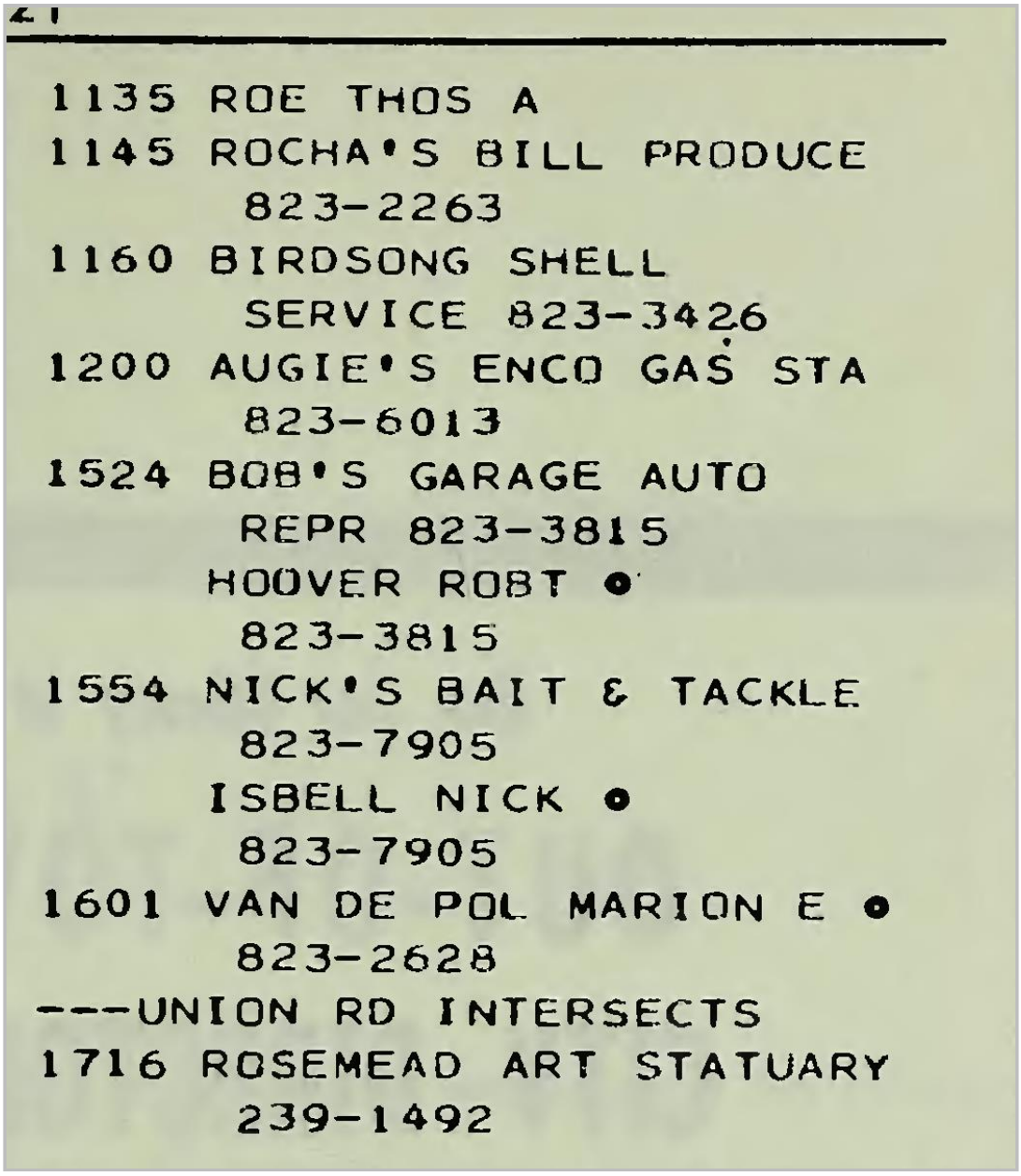
Target Street	Cross Street	Source
✓	-	Polk's City Directory

W YOSEMITE AVE 1973

1261 Ernie's Liquors (Brenner Ent) 823-6405
1265 In Shop The womens apparel 239-1087
1271 Trend O Fashion 239-2811
1281-5 Radio Shack The (Tandy Corp) 823-1118
1285 Household Finance 823-1191
1321 Grant City 239-1347
1351 Straw Hat Pizza 823-1108
1480 ★ Kidwell Hargus
1524 Roy & Sons Auto Repair 239-9608
1554 Nick's Bait & Tackle Shop 823-3484
Isbell Nick
1601 Van De Pol Marion E ◎ 823-2628
WATSON INTERSECTS
PACIFIC RD INTERSECTS
UNION RD INTERSECTS
1716 Pete's Manteca Muffler 823-1209

Target Street	Cross Street	Source
✓	-	Polk's City Directory

W YOSEMITE AVE 1968



21

1135 ROE THOS A
1145 ROCHA'S BILL PRODUCE
823-2263
1160 BIRDSONG SHELL
SERVICE 823-3426
1200 AUGIE'S ENCO GAS STA
823-6013
1524 BOB'S GARAGE AUTO
REPR 823-3815
HOOVER ROBT ●
823-3815
1554 NICK'S BAIT & TACKLE
823-7905
ISBELL NICK ●
823-7905
1601 VAN DE POL MARION E ●
823-2628
---UNION RD INTERSECTS
1716 ROSEMEAD ART STATUARY
239-1492

APPENDIX E

USER QUESTIONNAIRE
AND TITLE REPORT

PHASE I ESA - USER QUESTIONNAIRE

KCE Matrix, Inc.

Site Address, APN, etc.: 1758 West Yosemite Avenue, Manteca, CA 95337

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

1. **Environmental cleanup liens that are filed or recorded against the site**
   Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?
   ■ **No** ☐ **Yes, please explain** _____

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry**
   Are you aware of any Activity and Use Limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?
   ■ **No** ☐ **Yes, please explain** _____

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP**
   As the *user* of this *ESA,* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?
   ■ **No** ☐ **Yes, please explain** _____

4. **Relationship of the purchase price to the fair market value of the *property* if it were not contaminated**
   Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?
   ■ **Yes** ☐ **No, there is a difference between the purchase price and the fair market value**
   If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?
   please explain _____

5. **Commonly known or *reasonably ascertainable* information about the *property***
   Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

   (a.) Do you know the past uses of the *property*?
   ■ **No** ☐ **Yes, please explain** _____

   (b.) Do you know of specific chemicals that are present or once were present at the *property*?
   ■ **No** ☐ **Yes, please explain** _____

   (c.) Do you know of spills or other chemical releases that have taken place at the *property*?
   ■ **No** ☐ **Yes, please explain** _____

   (d.) Do you know of any environmental cleanups that have taken place at the *property*?
   ■ **No** ☐ **Yes, please explain** _____

6. **The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation**
   As the *user* of this *ESA*, based on your knowledge and experience related to the *property,* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?
   ■ **No** ☐ **Yes, please explain** _____

Note: Landowner Liability Protections, or *LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Common Elements*" Guide) issued on March 6, 2003.

PHASE I ESA - USER QUESTIONNAIRE

KCE Matrix, Inc.

In addition, certain information should be collected, if available, and provided to *KCE Matrix, Inc.* to conduct the Phase I Environmental Site Assessment. This information is intended to assist *KCE Matrix, Inc.* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

(a) The reason why the Phase I Environmental Site Assessment is required,

Development due diligence

(b) The type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.,

Purchase of mostly vacant land with one single family home

(c) The complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful)

1758 W Yosemite Ave.

(d) The scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),

Standard Phase I

(e) Identification of all parties who will rely on the Phase I *report*,

Developer, City, CEQA consultants

(f) Identification of the site contact and how the contact can be reached,

Lauren Alexander 650-465-8782 lauren@thearmonyco.com

(g) Any special terms and conditions which must be agreed upon by the *environmental professional*

NA

(h) Any other knowledge or experience with the *property* that may be pertinent to the *environmental professional* for example, copies of any available prior *environmental site assessment reports*, documents, correspondence, etc., concerning the *property* and its environmental condition).

The single family home was built prior to 1950 and is being assessed by an architectural historian.

PHASE I ESA - USER QUESTIONNAIRE

KCE Matrix, Inc.

Vapor Encroachment Screening Section

1. **Property Type:**
☐ Commercial ☐ Industrial ☐ Multi Tenant ☒ Vacant Land

2. **Are there any building/structures on the property?**
☐ No ☐ Unknown ☒ Yes, type construction single family home

3. **Will buildings/structures be constructed on the property in the future?**
☐ No ☐ Unknown ☒ Yes, type construction affordable multifamily housing

4. **If buildings exist or are proposed, do/will they have elevators?**
☐ Yes ☒ No

5. **Type of level below grade (existing or proposed)?**
☐ Full Basement ☐ Crawl Space ☒ Slab on Grade ☐ Parking Garage ☐ Multi-Level

6. **Ventilation in level below grade?**
☐ Yes ☒ No ☐ Unknown

7. **Sump pumps, floor drains, or trenches (existing or proposed)?**
☐ Yes ☒ No ☐ Unknown

8. **Radon or methane mitigation system installed?**
☐ Yes ☒ No ☐ Unknown

9. **Heating system type? (existing or proposed)? (CHECK ALL THAT APPLY)**

☒ Hot Air Circulation	☐ Electric Baseboard	☐ Hot Air Radiation	☐ Heat Pump
☐ Hot Water Radiation	☐ Wood Stove	☐ Kerosene Heater	☐ Steam Radiation
☐ Fireplace	☐ Coal Furnace	☐ Radiant Floor Heat	☐ Hot Water Circulation
☐ Fuel Oil Furnace	☐ Gas Furnace	☐ Other	

10. **Type of fuel energy? (existing or proposed)? (CHECK ALL THAT APPLY)**

☒ Natural Gas	☒ Electric	☐ Propane	☐ Fuel Oil
☐ Kerosene	☐ Wood	☐ Coal	☒ Solar
☐ Other			

11. **Have there ever been any environmental problems at the property?**
☐ No ☒ Unknown ☐ Yes, describe _____

12. **Does/will a gas station or dry cleaner operate anywhere on the property?**
☐ Yes ☒ No ☐ Unknown

13. **Do any tenants use hazardous chemicals in relatively large quantities on the property?**
☒ No ☐ Unknown ☐ Yes, describe _____

PHASE I ESA - USER QUESTIONNAIRE

KCE Matrix, Inc.

Vapor Encroachment Screening Section Continued:

14. **Have any tenants ever complained about odors in the building or experienced health related problems that may have been associated with the building?**
    ☐ Yes ☐ No ☒ Unknown

15. **Are the operations (or proposed operations to be performed) on the property OSHA regulated?**
    ☐ Yes ☒ No ☐ Unknown

16. **Are there any existing or proposed underground storage tanks (USTs) or above ground storage tanks (ASTs)?**
    ☐ Yes ☐ No ☒ Unknown

17. **Are there any sensitive receptors (for example, children, elderly, people in poor health, and so forth) that occupy or will occupy the property?**
    ☒ Yes ☐ No ☐ Unknown

Print Name: Lauren Alexander **Date:** 9/14/23

First American Title™

First American Title Company

211 East Caldwell Avenue
Visalia, CA 93277
California Department of Insurance License No. 2549-4

Escrow Officer:	Ann Kay
Phone:	(559)635-6803
Fax No.:	(866)590-2167
E-Mail:	akay@firstam.com
Title Officer:	Ann Kay
Phone:	(559)635-6803
Fax No.:	(866)590-2167
E-Mail:	akay@firstam.com
E-Mail Loan Documents to:	Lenders please contact the Escrow Officer for email address for sending loan documents.
Buyer:	Pacific West Communities, Inc., an Idaho Corporation
Owner:	Siddiqi Jamaluddin and Nasir Shaghel
Property:	1758 W Yosemite Ave Manteca, CA 95337

PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties*. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.

Please be advised that any provision contained in this document, or in a document that is attached, linked or referenced in this document, that under applicable law illegally discriminates against a class of individuals based

upon personal characteristics such as race, color, religion, sex, sexual orientation, gender identity, familial status, disability, national origin, or any other legally protected class, is illegal and unenforceable by law.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of August 25, 2023 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

JAMALUDDIN SIDDIQI, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY AND NASIR SHAGHEL, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY AS TENANTS IN COMMON

The estate or interest in the land hereinafter described or referred to covered by this Report is:

FEE

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2023-2024, a lien not yet due or payable.

2. Supplemental taxes for the year 2021-2022 assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

First Installment:	$ 3,231.30, DUE
Penalty:	$ 0.00
Second Installment:	$ 3,231.30, DUE
Penalty:	$ 0.00
Tax Rate Area:	002-055
A. P. No.:	222-050-050-000

3. Supplemental taxes for the year 2022-2023 assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

First Installment:	$ 7,613.00, DUE
Penalty:	$ 0.00
Second Installment:	$ 7,613.00, DUE
Penalty:	$ 0.00
Tax Rate Area:	002-055
A. P. No.:	222-050-050-000

4. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

5. Any and all offers of dedications, conditions, restrictions, easements, notes and/or provisions shown or disclosed by the filed or recorded map referred to in the legal description including but not limited to: PRIVATE STORM DRAINAGE, S.S.J.I.D. RIGHT-OF-WAY EASEMENT and incidental purposes affecting said land.

6. An easement for GRANT OF RIGHT OF WAY FOR ELECTRIC TRANSMISSION LINE and incidental purposes, recorded JUNE 29, 1908 in Book 58 of Deeds, Page 570.
   In Favor of: TUOLUMNE WATER POWER COMPANY, A CORPORATION
   Affects: AS DESCRIBED THEREIN

7. An easement for GRANT OF RIGHT OF WAY FOR ELECTRIC TRANSMISSION LINE and incidental purposes, recorded MARCH 01, 1910 in Book 187 of Deeds, Page 227.
   In Favor of: SIERRA AND SAN FRANCISCO POWER COMPANY
   Affects: AS DESCRIBED THEREIN

8. The terms and provisions contained in the document entitled DEED recorded OCTOBER 14, 1932 as BOOK 413, PAGE 116 of Official Records.

9. An easement for GRANT OF RIGHT OF WAY, ELECTRIC TRANSMISSION LINE and incidental purposes, recorded MARCH 19, 1936 as BOOK 196, PAGE 499 of Official Records.
   In Favor of: PACIFIC GAS AND ELECTRIC COMPANY, A CALIFORNIA COMPANY
   Affects: AS DESCRIBED THEREIN

10. An easement for GRANT OF EASEMENT FOR RIGHT OF WAY and incidental purposes, recorded DECEMBER 07, 1961 as BOOK 2497, PAGE 45 of Official Records.
    In Favor of: SOUTH SAN JOAQUIN IRRIGATION DISTRICT
    Affects: AS DESCRIBED THEREIN

11. EASEMENTS, RECITALS, SETBACKS, AND OTHER MATTERS AFFECTING SAID LAND FOR THE PURPOSES STATED THEREON, AND INCIDENTAL PURPOSES THEREIN, AS SAID LAND IS SHOWN IN THE LEGAL DESCRIPTION HEREIN. RECORDED 07/28/1911, BOOK 5 OF MAPS, PAGE 36.

12. An easement for A PERPETUAL AND NON-EXCLUSIVE EASEMENT AND RIGHT OF WAY OVER, UNDER AND ACROSS THAT REAL PROPERTY and incidental purposes, recorded DECEMBER 17, 2021 as INSTRUMENT NO. 2021-210988 of Official Records.
    In Favor of: SOUTH SAN JOAQUIN IRRIGATION DISTRICT
    Affects: AS DESCRIBED THEREIN

13. An easement for A PERPETUAL NON-EXCLUSIVE EASEMENT AND RIGHT OF WAY FOR THE PURPOSE OF INGRESS AND EGRESS TO ACCESS ITS EXISTING PIPELINE AND APPURTENANCES, FOR THE PURPOSE OF LAYING DOWN, CONSTRUCTING , PATROLLING, MAINTAINING,VOPERATING, REPAIRING ETC. and incidental purposes, recorded DECEMBER 17, 2021 as INSTRUMENT NO. 2021-210989 of Official Records.
In Favor of: SOUTH SAN JOAQUIN IRRIGATION DISTRICT
Affects: AS DESCRIBED THEREIN

14. The terms and provisions contained in the document entitled ENCROACHMENT AGREEMENT recorded DECEMBER 17, 2021 as INSTRUMENT NO. 2021-210992 of Official Records.

15. The terms and provisions contained in the document entitled AGREEMENT recorded DECEMBER 22, 2021 as INSTRUMENT NO. 2021-213235 of Official Records.

16. The following matters shown or disclosed by the filed or recorded map referred to in the legal description: VARIOUS NOTES AND RECITALS

17. An easement for STORM DRAINAGE EASEMENT and incidental purposes, recorded JANUARY 05, 2022 as INSTRUMENT NO. 2022-001675 of Official Records.
In Favor of: NAVARRA FAMILY LLC
Affects: AS DESCRIBED THEREIN

18. The terms, provisions and easement(s) contained in the document entitled "GRANT OF TEMPORARY CONSTRUCTION EASEMENT" recorded JANUARY 05, 2022 as INSTRUMENT NO. 2022-001676 of Official Records.

19. Any statutory lien for labor or materials arising by reason of a work of improvement, as disclosed by a notice of completion recorded JULY 17, 2023 as INSTRUMENT NO. 2023-055903 of Official Records, which reflects a completion date of JUNE 15, 2023.

20. The fact that the land lies within the boundaries of the CITY OF MANTECA Redevelopment Project Area, as disclosed by various documents of record.

21. Rights of the public in and to that portion of the Land lying within any Road, Street, Alley or Highway.

22. Water rights, claims or title to water, whether or not shown by the Public Records.

23. Any facts, rights, interests or claims which would be disclosed by a correct ALTA/NSPS survey.

24. Rights of parties in possession.

Prior to the issuance of a 2006 ALTA Extended Owner's Policy of Title without Western Regional Exceptions, The Company will require:

25. Furnish Plat of Survey of the subject property of recent date by a Registered Land Surveyor in accordance with the "Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys" which became effective February 23, 2016. Said Plat of survey shall include the required certification and, at a minimum, also have shown thereon Items 1, 8, 11, 16, 17, and 19 from Table A thereof. If

zoning assurances are requested, Items 7(a), 7(b), 7(c) and 9 from Table A and information regarding the usage of the property must be included.

NOTE: Exception may be made to any adverse matters disclosed by the ALTA/NSPS Land Title Survey.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. General and special taxes and assessments for the fiscal year 2022-2023.

First Installment:	$669.01, PAID
Penalty:	$0.00
Second Installment:	$669.01, PAID
Penalty:	$0.00
Tax Rate Area:	002-055
A. P. No.:	222-050-050-000

2. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) COMMERCIAL STRUCTURE known as 1758 WEST YOSEMITE AVENUE, MANTECA, CALIFORNIA.

3. According to the public records, there has been no conveyance of the land within a period of twenty four months prior to the date of this report, except as follows:

   A document recorded JANUARY 07, 2022 as INSTRUMENT NO. 2022-003121 of Official Records.

   From: AREZOO RAHIM, SPOUSE OF THE GRANTEE HEREIN
   To: NASIR SHAGHEL, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY

   A document recorded JANUARY 07, 2022 as INSTRUMENT NO. 2022-003122 of Official Records.

   From: FRESHTA KHWAJA, SPOUSE OF THE GRANTEE HEREIN
   To: JAMALUDDIN SIDDIQI, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY

   A document recorded JANUARY 07, 2022 as INSTRUMENT NO. 2022-003123 of Official Records.

   From: KATHLEEN D. NASCIMENTO, TRUSTEE OF THE MARIE ELIZABETH RAY REVOCABLE TRUST DATED JULY 9, 2012 AND KATHLEEN D. NASCIMENTO, TRUSTEE OF THE NASCIMENTO SEPARATE PROPERTY REVOCABLE TRUST AND PATRICIA SUE WRIGHT, AS HER SOLE AND SEPARATE PROPERTY AND PAUL AARON KEPPEL, AS HIS SOLE AND SEPARATE PROPERTY
   To: JAMALUDDIN SIDDIQI, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY AND NASIR SHAGHEL, A MARRIED MAN, AS HIS SOLE AND SEPARATE PROPERTY AS TENANTS IN COMMON

4. We find no outstanding voluntary liens of record affecting subject property. Disclosure should be made concerning the existence of any unrecorded lien or other indebtedness which could give rise to any possible security interest in the subject property.

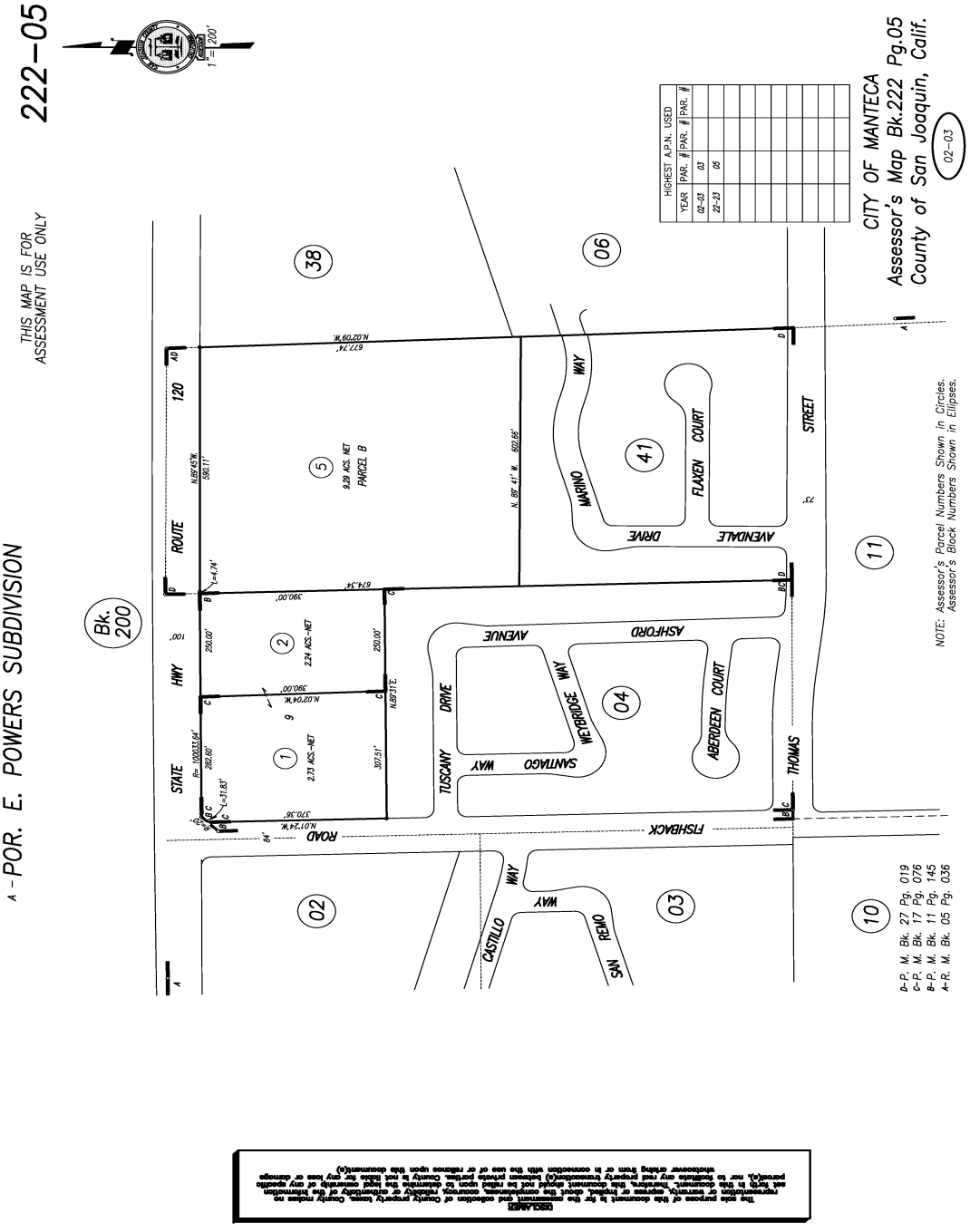
The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the City of Manteca, County of San Joaquin, State of California, described as follows:

PARCEL B AS SHOWN ON THE MAP FILED FOR RECORD DECEMBER 28, 2021, IN BOOK 27 OF PARCEL MAPS, AT PAGE 19, SAN JOAQUIN COUNTY RECORDS.

APN: 222-050-050-000



DISCLAIMER
The sole purpose of this document is for the assessment and collection of County property taxes. County makes no representation or warranty, express or implied, about the completeness, accuracy, reliability or extensibility of the information set forth in this document. Therefore, this document should not be relied upon to determine the legal ownership or any specific parcel(s) nor to facilitate any real property transaction(s) between private parties. County is not liable for any loss or damage whatsoever arising from or in connection with the use of or reliance upon this document(s).

NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE [(07-01-2021) v. 01.00]

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy and We will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
      i. the occupancy, use, or enjoyment of the Land;
      ii. the character, dimensions, or location of any improvement on the Land;
      iii. the subdivision of land; or
      iv. environmental remediation or protection.
   b. any governmental forfeiture, police, or regulatory, or national security power.
   c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b.
   Exclusion 1 does not modify or limit the coverage provided under Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23, or 27.
2. Any power to take the Land by condemnation. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 17.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
   a. created, suffered, assumed, or agreed to by You;
   b. not Known to Us, not recorded in the Public Records at the Date of Policy, but Known to You and not disclosed in writing to Us by You prior to the date You became an Insured under this policy;
   c. resulting in no loss or damage to You;
   d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 5, 8.f., 25, 26, 27, 28, or 32); or
   e. resulting in loss or damage that would not have been sustained if You paid consideration sufficient to qualify You as a bona fide purchaser of the Title at the Date of Policy.
4. Lack of a right:
   a. to any land outside the area specifically described and referred to in Item 3 of Schedule A; and
   b. in any street, road, avenue, alley, lane, right-of-way, body of water, or waterway that abut the Land.
   Exclusion 4 does not modify or limit the coverage provided under Covered Risk 11 or 21.
5. The failure of Your existing structures, or any portion of Your existing structures, to have been constructed before, on, or after the Date of Policy in accordance with applicable building codes. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 14 or 15.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transfer of the Title to You is a:
   a. fraudulent conveyance or fraudulent transfer;
   b. voidable transfer under the Uniform Voidable Transactions Act; or
   c. preferential transfer:
      i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
      ii. for any other reason not stated in Covered Risk 30.
7. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
8. Negligence by a person or an entity exercising a right to extract or develop oil, gas, minerals, groundwater, or any other subsurface substance.
9. Any lien on Your Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 9 does not modify or limit the coverage provided under Covered Risk 8.a. or 27.
10. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:
For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.
The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or $2,500 (whichever is less)	$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 19:	1% of Policy Amount Shown on Schedule A or $5,000 (whichever is less)	$25,000
Covered Risk 21:	1% of Policy Amount Shown on Schedule A or $2,500 (whichever is less)	$5,000

ALTA OWNER'S POLICY [(07-01-2021) V. 01.00]
CLTA STANDARD COVERAGE OWNER'S POLICY [(02-04-22) V. 01.00]
EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement on the Land;
   iii. the subdivision of land; or
   iv. environmental remediation or protection.
   b. any governmental forfeiture, police, regulatory, or national security power.
   c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b.

Exclusion 1 does not modify or limit the coverage provided under Covered Risk 5 or 6.

2. Any power of eminent domain. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 7.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at the Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 9 or 10); or
   e. resulting in loss or damage that would not have been sustained if consideration sufficient to qualify the Insured named in Schedule A as a bona fide purchaser had been given for the Title at the Date of Policy.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transaction vesting the Title as shown in Schedule A is a:
   a. fraudulent conveyance or fraudulent transfer;
   b. voidable transfer under the Uniform Voidable Transactions Act; or
   c. preferential transfer:
      i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
      ii. for any other reason not stated in Covered Risk 9.b.
5. Any claim of a PACA-PSA Trust. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 8.
6. Any lien on the Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 6 does not modify or limit the coverage provided under Covered Risk 2.b.
7. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

NOTE: The 2021 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed below as numbers 1 through 7. The 2021 CLTA Standard Coverage Owner's Policy will include the Western Regional Standard Coverage Exceptions listed below as numbers 1 through 7.

EXCEPTIONS FROM COVERAGE

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This policy treats any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document are excepted from coverage.

This policy does not insure against loss or damage and the Company will not pay costs, attorneys' fees, or expenses resulting from the terms and conditions of any lease or easement identified in Schedule A, and the following matters:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas,

uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

NOTE: The 2006 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed below as numbers 1 through 7.

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown in the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and that are not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

APPENDIX F

SITE PHOTOGRAPHS

Subject Property - Facing South





Subject Property - Northwest Portion Facing Southwest

Subject Property - Facing Southeast





Subject Property - Facing East

Subject Property - Facing North





Subject Property - Facing Northeast

Subject Property - Facing Northwest





Subject Property - Facing Northeast

Subject Property
Dirt Pile on the southwestern portion of the site





Subject Property
Dirt Pile on the southwestern portion of the site

Subject Property - Southwest Portion Facing South





Subject Property - Facing Southwest

Subject Vicinity - Southwest of the Subject Site





Subject Vicinity - South of the Subject Site

Subject Property
Pump house located on the southeastern portion of the site





Subject Property
Pump house located on the southeastern portion of the site

Subject Property
Pump house located on the southeastern portion of the site





Subject Property
Pump house located on the southeastern portion of the site

Site Vicinity - West Yosemite Avenue
Facing Northwest





Site Vicinity - West Yosemite Avenue
Facing North

Site Vicinity - West Yosemite Avenue
Facing Northeast





Site Vicinity - West Yosemite Avenue
Facing Northeast

APPENDIX G

VAPOR ENCROACHMENT SCREEN

Vacant Land/Residential Property
1758 West Yosemite Ave
Manteca, CA 95337

Inquiry Number: 7443926.2s
September 19, 2023

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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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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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
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	2	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	0	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	3	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield 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	2	0
Local Lists of Registered Storage Tanks	0.25	0	3	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	0	5	0

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	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

VACANT LAND/RESIDENTIAL PROPERTY
1758 WEST YOSEMITE AVE
MANTECA, CA 95337

COORDINATES

Latitude (North):	37.796347 - 37° 47′ 46.85486″
Longitude (West):	121.244934 - 121° 14′ 41.762695″
Elevation:	29 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
KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA RCRA-LQG: RCRA-LQG	1721 W YOSEMITE AVENUE	<1/10 NNE	◆ B7	29
KAISER FOUNDATION - MANTECA AST: AST	1777 W YOSEMITE AVE	<1/10 NNW	◆ A9	48
KAISER PERMANENTE MANTECA MEDICAL CENTER RCRA-LQG: RCRA-LQG	1777 W YOSEMTE AVENUE	<1/10 NNW	◆ A10	48
ST DOMINIC'S HOSPITAL/MANTECA UST: UST	1777 YOSEMITE AVE	<1/10 NNW	◆ A11	63
KAISER FOUNDATION - MANTECA UST: UST	1777 W YOSEMITE AVE	<1/10 NNW	◆ A12	64

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
BETHEL KIDS DENTAL MANTELU RCRA NonGen / NLR: RCRA NonGen / NLR	1660 W YOSEMITE AVE STE #1	<1/10 ESE	▲ 1	9
ST. DOMINIC'S HOSPITAL CA FID UST: CA FID UST	1751 W YOSEMITE AVE	<1/10 NW	◆ A2	12
ST. DOMINIC'S HOSPITAL SWEEPS UST: SWEEPS UST	1751 W YOSEMITE AVE	<1/10 NW	◆ A3	12
KAISER MANTECA RCRA NonGen / NLR: RCRA NonGen / NLR	1721 W. YOSEMITE AVENUE	<1/10 NNE	◆ B4	13
KAISER MANTECA RCRA NonGen / NLR: RCRA NonGen / NLR	1721 WEST YOSEMITE	<1/10 NNE	◆ B5	19
KAISER PERMANENTE CERS HAZ WASTE: CERS HAZ WASTE CERS: CERS	1721 W YOSEMITE AVE	<1/10 NNE	◆ B6	22
KAISER FOUNDATION - MANTECA CERS TANKS: CERS TANKS CERS HAZ WASTE: CERS HAZ WASTE CERS: CERS	1777 W YOSEMITE AVE	<1/10 NW	◆ A8	33

EXECUTIVE SUMMARY

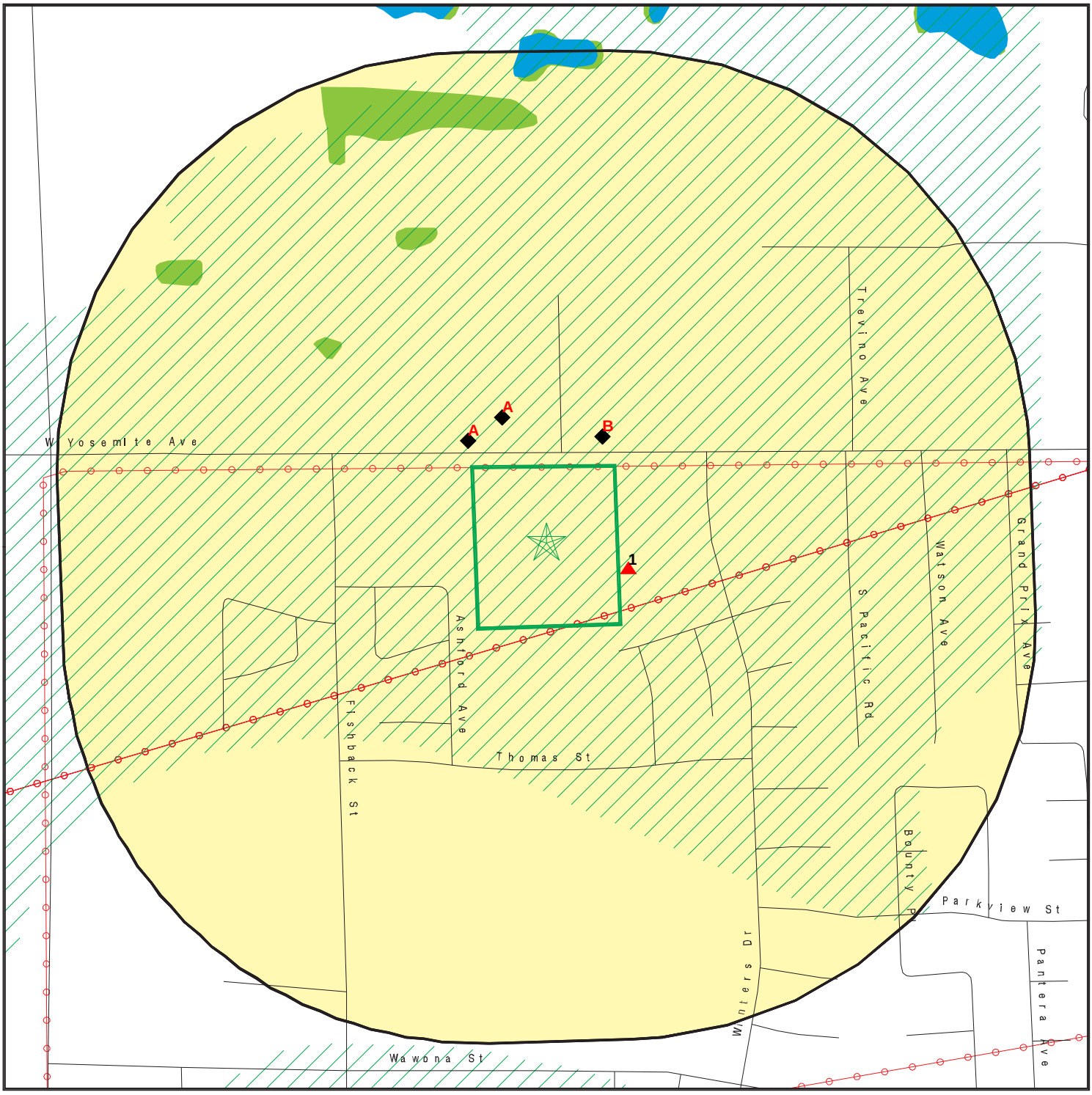
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 7443926.2S



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

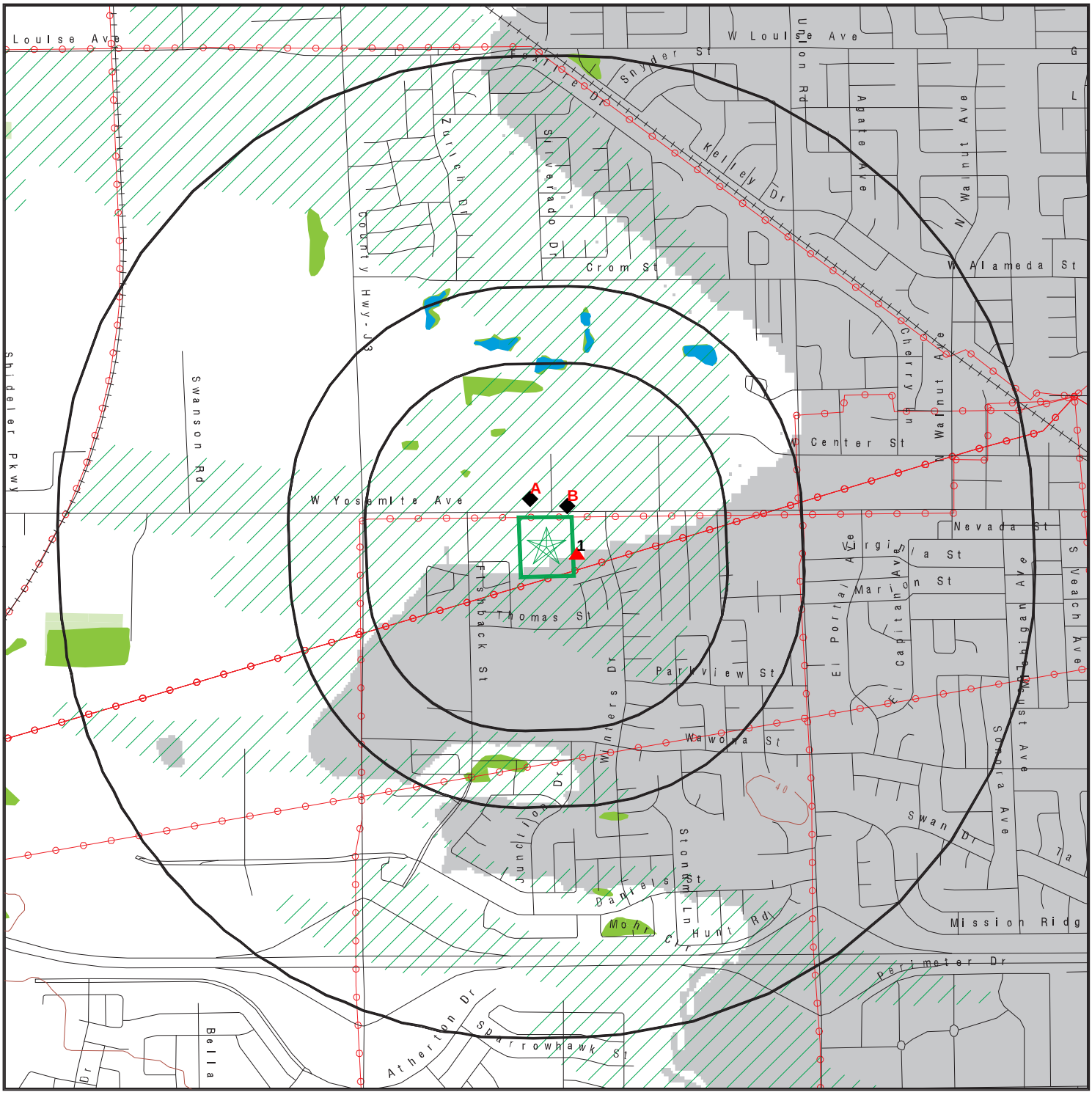
Areas of Concern

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:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
		INQUIRY #:	7443926.2s
LAT/LONG:	37.796347 / 121.244934	DATE:	September 13, 2023 6:58 pm

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SECONDARY MAP - 7443926.2S



- 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:	Vacant Land/Residential Property	CLIENT:	KCE Matrix
ADDRESS:	1758 West Yosemite Ave Manteca CA 95337	CONTACT:	Aram Kaloustian
LAT/LONG:	37.796347 / 121.244934	INQUIRY #:	7443926.2s
		DATE:	September 13, 2023 6:58 pm

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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).

BETHEL KIDS DENTAL MANTELU 1660 W YOSEMITE AVE STE #1, MANTECA, CA, 95337			1027528839
▲ 1	ESE <1/10	(40 ft. / 0.008 mi.)	Other Ascertainable Records
	Equal Elevation	29 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA Listings: Other Ascertainable Records

Date Form Received by Agency:	20221206
Handler Name:	Bethel Kids Dental Mantelu
Handler Address:	1660 W YOSEMITE AVE STE #1
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000475068
Contact Name:	VICTORIA ROBERTSON
Contact Address:	1660 W YOSEMITE AVE STE #1
Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	209-279-0380
Contact Fax:	209-500-1912
Contact Email:	BKDMANTECA@BETHELKIDSDENTAL.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:	1660 W YOSEMITE AVE STE #1
Mailing City,State,Zip:	MANTECA, CA 95337

BETHEL KIDS DENTAL MANTELU, 1660 W YOSEMITE AVE STE #1, MANTECA, CA 95337 (Continued)

Owner Name:	Ronaldo Opinga
Owner Type:	Other
Operator Name:	Victoria Robertson
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 State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20221213
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

BETHEL KIDS DENTAL MANTELU, 1660 W YOSEMITE AVE STE #1, MANTECA, CA 95337 (Continued)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RONALDO OPINGA
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1660 W YOSEMITE AVE STE #1
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-500-1910
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VICTORIA ROBERTSON
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1660 W YOSEMITE AVE STE #1
Owner/Operator City,State,Zip:	MANTECA, CA 95337
Owner/Operator Telephone:	209-279-0380
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	20221206
Handler Name:	BETHEL KIDS DENTAL MANTELU
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:	621210
NAICS Description:	OFFICES OF DENTISTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

BETHEL KIDS DENTAL MANTELU, 1660 W YOSEMITE AVE STE #1, MANTECA, CA 95337 (Continued)

Evaluation Action Summary:

Evaluations: No Evaluations Found

ST. DOMINIC'S HOSPITAL 1751 W YOSEMITE AVE, MATNECA, CA, 95336			S101593522
◆ A2	NW <1/10	(112 ft. / 0.021 mi.)	Local Lists of Registered Storage Tanks
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

CA FID UST: Local Lists of Registered Storage Tanks

Facility ID:	39004260
Regulated By:	UTNKA
Regulated ID:	Not Reported
Cortese Code:	Not Reported
SIC Code:	Not Reported
Facility Phone:	2098254902
Mail To:	Not Reported
Mailing Address:	1805 N CALIFORNIA ST
Mailing Address 2:	Not Reported
Mailing City,St,Zip:	MATNECA 95336
Contact:	Not Reported
Contact Phone:	Not Reported
DUNs Number:	Not Reported
NPDES Number:	Not Reported
EPA ID:	Not Reported
Comments:	Not Reported
Status:	Active

ST. DOMINIC'S HOSPITAL 1751 W YOSEMITE AVE, MANTECA, CA, 95336			S106932499
◆ A3	NW <1/10	(112 ft. / 0.021 mi.)	Local Lists of Registered Storage Tanks
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

SWEEPS UST: Local Lists of Registered Storage Tanks

Name:	ST. DOMINIC'S HOSPITAL
Address:	1751 W YOSEMITE AVE
City:	MANTECA
Status:	Active
Comp Number:	2397
Number:	1

ST. DOMINIC'S HOSPITAL, 1751 W YOSEMITE AVE, MANTECA, CA 95336 (Continued)

Board Of Equalization:	44-025023
Referral Date:	11-18-92
Action Date:	11-18-92
Created Date:	07-31-89
Owner Tank Id:	001
SWRCB Tank Id:	39-000-002397-000001
Tank Status:	A
Capacity:	8000
Active Date:	11-18-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

KAISER MANTECA 1721 W. YOSEMITE AVENUE, MANTECA, CA, 94337			1024802829
◆ B4	NNE <1/10	(122 ft. / 0.023 mi.)	Other Ascertainable Records
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA Listings: Other Ascertainable Records

Date Form Received by Agency:	20221006
Handler Name:	Kaiser Manteca
Handler Address:	W. YOSEMITE AVENUE
Handler City,State,Zip:	MANTECA, CA 94337
EPA ID:	CAL000249558
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W. YOSEMITE AVENUE
Contact City,State,Zip:	MANTECA, CA 94337
Contact Telephone:	209-275-9160
Contact Fax:	Not Reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS LEADER/SAFETY OFFICER
EPA Region:	09
Land Type:	Private
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:	W. YOSEMITE AVENUE
Mailing City,State,Zip:	MANTECA, CA 94337
Owner Name:	Kaiser Foundation Health Plan Inc
Owner Type:	Private

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

Operator Name:	Kaiser Foundation Health Plan 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 State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20221011
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

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

Year:	2021
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAL000249558&rep_year=2021
Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAL000249558&rep_year=2019
Year:	2017
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAL000249558&rep_year=2017

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U248
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

Handler - Owner Operator:

Owner/Operator Indicator:	Owner

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OALAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OALAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OALAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG

Historic Generators:

Receive Date:	20180327
Handler Name:	KAISER MANTECA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

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:	20200228
Handler Name:	KAISER MANTECA
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:	No
Electronic Manifest Broker:	Yes

Receive Date:	20220802
Handler Name:	KAISER MANTECA
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:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	Yes

Receive Date:	20221006
Handler Name:	KAISER MANTECA
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:	621491
NAICS Description:	HMO MEDICAL CENTERS

KAISER MANTECA, 1721 W. YOSEMITE AVENUE, MANTECA, CA 94337 (Continued)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

KAISER MANTECA 1721 WEST YOSEMITE, MANTECA, CA, 95337			1024802828
◆ B5	NNE <1/10	(122 ft. / 0.023 mi.)	Other Ascertainable Records
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA Listings: Other Ascertainable Records

Date Form Received by Agency:	20220809
Handler Name:	Kaiser Manteca
Handler Address:	WEST YOSEMITE
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAL000249557
Contact Name:	CHANDRA BUCHANAN
Contact Address:	DALE ROAD
Contact City,State,Zip:	MODESTO, CA 95356
Contact Telephone:	209-275-9160
Contact Fax:	Not Reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS PRACTICE LEADER
EPA Region:	09
Land Type:	Private
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:	WEST YOSEMITE
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Kaiser Foundation Health Plan, Inc
Owner Type:	Private
Operator Name:	Kaiser Foundation Health Plan, Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

KAISER MANTECA, 1721 WEST YOSEMITE, MANTECA, CA 95337 (Continued)

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 State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20220811
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:	KAISER PERMANENTE
Legal Status:	Other
Date Became Current:	Not Reported

KAISER MANTECA, 1721 WEST YOSEMITE, MANTECA, CA 95337 (Continued)

Date Ended Current:	Not Reported
Owner/Operator Address:	ONE KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612-3610
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MATTHEW HURAY
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1800 HARRISON ST
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	301-625-7462
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN, INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	ONE KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612-3610
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	MATTHEW.J.HURAY@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN, INC
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1800 HARRISON ST
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	301-625-7462
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	MATTHEW.J.HURAY@KP.ORG

Historic Generators:

Receive Date:	20220809
Handler Name:	KAISER MANTECA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No

KAISER MANTECA, 1721 WEST YOSEMITE, MANTECA, CA 95337 (Continued)

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:	20020408
Handler Name:	KAISER MANTECA
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:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	331524
NAICS Description:	ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)
NAICS Code:	62111
NAICS Description:	OFFICES OF PHYSICIANS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

KAISER PERMANENTE 1721 W YOSEMITE AVE, MANTECA, CA, 95337			S121741949
◆ B6	NNE <1/10	(122 ft. / 0.023 mi.)	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	KAISER PERMANENTE
Address:	1721 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site ID:	127158
CERS ID:	10184533
CERS Description:	Hazardous Waste Generator

CERS: Other Ascertainable Records

Name:	KAISER PERMANENTE
Address:	1721 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	127158
CERS ID:	10184533
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	07-20-2017
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 08/18/2017. A site map was not complete as part of the business plan. The site map is missing emergency response equipment locations, storm drain locations, evacuation staging area, and adjacent strees. A site map shall contain a north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, upload the correct or updated information, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
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 06/16/2015. One 5-gallon container located in the outpatient pharmacy area lacked composition (contents) . All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date This container was labeled with all the required information at the time of inspection. This is a repeat violation, which was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Violation Notes:	Returned to compliance on 03/10/2020. 1) No waste analysis/ determination was available for empty Warfarin blister packs, which according to the "P-Listed Pharmaceuticals and P-listed Empty Container Management" fact sheet posted on the wall of the Outpatient Pharmacy are to be "discard[ed] into solid waste or recycle[ed]". According to the pharmacy manager, this facility dispenses Warfarin in all concentrations from 1 to 10 mg. The posted fact sheet is unclear with regards to its applicability, and does not explain to which blister packs it pertains to (for example: dispensed blister packs, returned or expired blister packs), also it is unclear whether or not these discarded packs are being checked for presence of any visible Warfarin residue prior to disposal. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. I
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	07-20-2017
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/18/2017. 1960 cubic feet of compressed oxygen were found on site that have not been reported. Any material that meets or exceeds the reportable quantity shall be reported in the facility's business plan. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, add the materials to the hazardous material inventory, and submit to the EHD for approval.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	03-10-2020
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The following open hazardous waste storage containers were observed on-site: - Located in the Pediatrics Department: 1. A black container with a white lid and storing aerosols (see photos IMG 1218-20) - Located in the Adult Family Medicine Soiled Utility Room: 2. A black container with a white lid and storing Monsel's Paste, ferric subsulfate (IMG 1224-6). 3. A black container with a white lid and storing Cardinal Health Hot Packs and Infant Heel Warmers (IMG 1227-8). 4. A black container with a white lid and storing silver nitrate and potassium nitrate (IMG 1229-1231). 5. A black container with a white lid and storing acetic acid 4% (IMG 1232-4). 6. A black container with a clear lid, labeled as storing "expired supp," and contained several waste items, including one labeled "BD Universal Viral Transport for Viruses, Chlamydiae, Mycoplasmas and Ureaplasmas" (IMG 1238-9). 7. A black container with a clear lid and storing hydrogen peroxide (IMG 1240-1) REGUL
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Violation Notes:	Returned to compliance on 06/19/2020. OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: - Located in the Pharmacy: 1. A black container with a white lid was missing the hazardous properties and the composition (contents) (see photos IMG 1213-4). 2. A black container with a clear lid was missing the composition (contents) (IMG 1215-6). 3. A black container with a white lid was missing the composition (contents) (IMG 1217). - Located in the Pediatrics Department: 4. A black container with a white lid and storing aerosols, was missing the hazardous properties (IMG 1218-20) - Located in the Adult Family Medicine Soiled Utility Room: 5. A black container with a white lid storing silver nitrate sticks was incorrectly marked as flammable, corrosive, and reactive for the hazardous properties (IMG 1221-3). According to a hazardous waste labeling guidance document, posted in the room, silver nitrate sticks are to be marked as an oxidizer. 6. A black containe
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 07/17/2015. Copies of uniform manifests for the disposal of warfarin/coumadin hazardous waste were not found on site. Warfarin/coumadin is being supplied/dispensed at this location. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. Immediately locate a copies of all manifests and receipts related to the disposal of above noted waste, maintain them on site, and submit copies to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Violation Date:	06-16-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 07/17/2015. One 1-gallon container located inside the OB area did not have an initial start date marked. The initial date of waste accumulation shall be clearly marked and visible for inspection on each container used for satellite accumulation of hazardous waste. Since it cannot be determined how long this waste has been stored on site, immediately mark this container with today's date and contact a licensed hazardous waste hauler to dispose of this waste under manifest as appropriate, provide proof of correction to the EHD.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-30-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2020
Violations Found:	Yes

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Eval Type:	Routine done by local agency
Eval Notes:	An inspection checklist was provided to the facility operator on the day of inspection. A complete report was finished on 4/8/2020 and replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 5/8/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Hazardous Waste Minimum Labeling Requirements guidance sheet, List of Free CUPA Training Classes Waste streams found: electronics duster aerosol cans, Cardinal Health Infant Heel Warmer, Cardinal Health Hot Pack, acetic acid 4%; expired supplies- BD univeral vir
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Provide DA Investigator access to EHD waste site for dumpster dive waste storage.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-16-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	THIS IS A REVISED REPORT ISSUED ON JULY 7, 2015 AND IT SUPERSEDES ALL PREVIOUSLY ISSUED REPORTS. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 30-DAYS FROM RECEIPT OF THIS REPORT. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous waste activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-20-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 8/19/2017. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,

Enforcement Action:

Site ID:	127158
Site Name:	KAISER PERMANENTE
Site Address:	1721 W YOSEMITE AVE

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	06-16-2015
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:	San Joaquin County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,
Site ID:	127158
Site Name:	KAISER PERMANENTE
Site Address:	1721 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	07-20-2017
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:	San Joaquin County Environmental Health
Enf Action Program:	HMRRP
Enf Action Source:	CERS,

Coordinates:

Site ID:	127158
Facility Name:	KAISER PERMANENTE
Env Int Type Code:	HWG
Program ID:	10184533
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.798360
Longitude:	-121.244140

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Chandra Buchanan
Entity Title:	Safety Operations Practice Leader
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Engineering Department
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(209) 825-3700,
Affiliation Type Desc:	Property Owner
Entity Name:	The Permanente Medical Group
Entity Title:	Not Reported
Affiliation Address:	1800 Harrison Street, 7th floor
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 625-4737,
Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not Reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95337
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Chandra Buchanan
Entity Title:	Not Reported
Affiliation Address:	4601 Dale Road
Affiliation City:	Modesto
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95356
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	The Permanente Medical Group
Entity Title:	Not Reported
Affiliation Address:	1800 Harrison Street, 7th Floor
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612

KAISER PERMANENTE, 1721 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Affiliation Phone:	(510) 625-4737,
Affiliation Type Desc:	Document Preparer
Entity Name:	Chandra Buchanan, Safety Operations Practice Leader
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Kaiser Permanente
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:	,

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA 1721 W YOSEMITE AVENUE, MANTECA, CA, 95337		1026493994	
◆ B7	NNE <1/10	(122 ft. / 0.023 mi.)	Lists of Federal RCRA generators
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

RCRA Listings: Lists of Federal RCRA generators

Date Form Received by Agency:	20220301
Handler Name:	Kaiser Permanente Medical Office Building Manteca
Handler Address:	W YOSEMITE AVENUE
Handler City,State,Zip:	MANTECA, CA 95337
EPA ID:	CAR000309146
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W YOSEMITE AVENUE
Contact City,State,Zip:	MANTECA, CA 95337
Contact Telephone:	209-275-9160
Contact Fax:	Not Reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFETY OPERATIONS PRACTICE LEADER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not Reported
Biennial Report Cycle:	2021

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA, 1721 W YOSEMITE AVENUE, MANTECA, CA 95337 (Continued)

Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	W YOSEMITE AVENUE
Mailing City,State,Zip:	MANTECA, CA 95337
Owner Name:	Kaiser Foundation Health Plan, Inc.
Owner Type:	Private
Operator Name:	Kaiser Foundation Health Plan, 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 State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20220401
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA, 1721 W YOSEMITE AVENUE, MANTECA, CA 95337 (Continued)

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:	2021
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000309146&rep_year=2021

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U248
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenyl-Butyl)-, & Salts, When Present At Concentrations Of 0.3% Or Less (Or) Warfarin, & Salts, When Present At Concentrations Of 0.3% Or Less

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA, 1721 W YOSEMITE AVENUE, MANTECA, CA 95337 (Continued)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
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:	KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	209-275-9160
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	CHANDRA.N.BUCHANAN@KP.ORG

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status:	Private
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
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:	KAISER FOUNDATION HEALTH PLAN, INC.
Legal Status:	Private
Date Became Current:	19980604
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	209-275-9160
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	CHANDRA.N.BUCHANAN@KP.ORG

Historic Generators:

KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA, 1721 W YOSEMITE AVENUE, MANTECA, CA 95337 (Continued)

Receive Date:	20220301
Handler Name:	KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA
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:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20200612
Handler Name:	KAISER PERMANENTE MEDICAL OFFICE BUILDING MANTECA
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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	62111
NAICS Description:	OFFICES OF PHYSICIANS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

KAISER FOUNDATION - MANTECA 1777 W YOSEMITE AVE, MANTECA, CA, 95337			S121778086
◆ A8	NW <1/10	(129 ft. / 0.024 mi.)	Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Hazardous Waste Generator

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	RCRA LQ HW Generator

CERS TANKS: Local Lists of Registered Storage Tanks

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Aboveground Petroleum Storage

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Underground Storage Tank

CERS: Other Ascertainable Records

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Site ID:	40960
CERS ID:	10181559
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-25-2020
Citation:	23 CCR 16 2637(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(f)
Violation Description:	Failure to submit a copy of the secondary containment test results on the Secondary Containment Testing report Form to the UPA within 30 days after the test.
Violation Notes:	Returned to compliance on 05/03/2021. OBSERVATION: Secondary containment testing was performed on 4/24/2019 and a test report was submitted on 3/25/2020, ten months late. REGULATION GUIDANCE: A copy of the test report must be submitted within 30 days of the tests. CORRECTIVE ACTION: Take all necessary precautions to ensure testing and submittal of test reports are performed in a timely manner.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-16-2015
Citation:	22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description:	Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes:	Returned to compliance on 03/10/2020. 1) No waste analysis/ determination was available for empty Warfarin blister packs, which according to the "P-Listed Pharmaceuticals and P-listed Empty Container Management" fact sheet posted on the wall of the Outpatient Pharmacy are to be "discard[ed] into solid waste or recycle[ed]". According to the pharmacy manager, this facility dispenses Warfarin in all concentrations from 1 to 10 mg. The posted fact sheet is unclear with regards to its applicability, and does not explain to which blister packs it pertains to (for example: dispensed blister packs, returned or expired blister packs), also it is unclear whether or not these discarded packs are being checked for presence of any visible Warfarin residue prior to disposal. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last disposed of. I
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The following open hazardous waste storage containers were observed on-site: - Located in the 1st Floor ED Overflow area: 1. Two black containers with white lids labeled as containing "most in one" hazardous waste (see photos IMG 1163-7). 2. A back container with a white lid storing silver nitrate stick waste, but labeled as containing hazardous waste aerosols (IMG 1168-70). - Located in the OR Holding area: 3. A black container with a white lid labeled as containing Gemcitabine (IMG 1180-3). 4. A black container with a white lid labeled as containing alcohol prostate wipe packets (IMG 1186). - Located in the Pharmacy: 5. A black container with a white lid storing loose pills, medication/vaccine vials, and two used silver nitrate sticks (IMG 1189-93). - Located in the Environmental Services (EVS) storage room: 6. A black container with a white lid storing what appeared to be chemical containers (IMG 1195, 1198). 7. A black container with a white lid st
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-27-2017
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 06/27/2017. The diesel sump 208 sensor was tilted at an angle on top of the saddle of the tank and not located to detect a leak at the earliest opportunity. Monitoring equipment shall be maintained to be able to detect a leak at the earliest possible opportunity. The sensor was relocated to the lowest point of the sump by the service technician. Ensure that all monitoring equipment is maintained to detect a leak at the earliest opportunity. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-16-2015

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (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 06/16/2015. One 5-gallon container located inside laboratory was lacking hazardous properties. One 1-gallon and 5-gallon containers located inside the main hazardous waste accumulation area also lacked hazardous properties. All hazardous waste containers shall be marked with the following information: - the words Hazardous Waste - name and address of generator - hazardous properties - physical state - composition (contents) - accumulation start date These containers were labeled with all required information at the time of inspection. This is a repeat violation, this was corrected onsite.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The following hazardous waste containers were found on-site with an accumulation start date of greater than 90 days or no accumulation start date: 1. A black container, located in the hazardous waste main storage area, storing methylene blue, sodium salicylate, methanol, and serum controls, was marked with two accumulation start dates of 3/18/19 and 7/18/18 (see photos IMG 1150-1). REGULATION GUIDANCE: (a) a generator may accumulate hazardous waste on-site for 90 days or less (b) The beginning of the 90 day period is determined as follows: (1) if the generator does not generate more than 100 kilograms of hazardous waste or one kilogram of acutely hazardous waste (listed in section 66261.33(e)) or one kilogram of extremely hazardous waste during any calendar month, the 90 day period begins on the date the generator has accumulated 100 kilograms of hazardous waste or one kilogram of acutely hazardous waste or one kilogram of extremely hazardous waste; (2) if the
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-08-2016
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 09/16/2016. Current and complete financial responsibility documents have not been submitted to the EHD; the signature of a witness or notary was missing on the submitted documentation. Current financial responsibility documents are required to be submitted annually. Immediately log into the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov/, and upload the required documents.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Design/Construction - General
Violation Notes:	Returned to compliance on 07/22/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-18-2014
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 08/04/2014.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-06-2019
Citation:	HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 06/06/2019. UST Tank Information forms for the diesel tank is not current in CERS. In the tank forms it states, the riser pipe to have fiberglass for secondary containment. While the inspector was out in the field, direct buried spill containers was observed. Any change of information must be updated in CERS within 30 days of the changes. The Chief engineer logged into CERS, and updated the required information, and submitted for review by the EHD while the inspector was on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-27-2018
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 06/27/2018. The ATG used as the overfill prevention system is not currently functional on the diesel UST. The alarm sounded, but the light did was not functional. The technician replaced the light bulb and the overfill was verified as functional while on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 07/22/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers 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 06/19/2020. OBSERVATION: Hazardous waste containers were observed on-site with incomplete labeling. The containers were: - Located in the hazardous waste main storage area: 1. A black container storing methylene blue, sodium salicylate, methanol, and serum controls, was missing the hazardous properties, and was marked with two accumulation start dates of 3/18/19 and 7/18/18 (see photos IMG 1150-1). 2. A black container with a white lid was missing the composition (contents) (IMG 1152). 3. A black container with a white lid was missing the composition (contents) (IMG 1153). 4. A black container with a white lid was missing the hazardous properties, physical state, and composition (contents) (IMG 1154-5). 5. A black container with a white lid was missing the composition (contents) (IMG 1159). - Located in the 1st Floor ED Overflow area: 6. A black container was labeled with the incorrect generator name and address, and was missing the hazardous properties, physical state, composition
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-22-2013
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 09/03/2013.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	07-08-2016
Citation:	23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description:	Failure to submit or update a plot plan.
Violation Notes:	Returned to compliance on 07/08/2016. A legible copy of the UST Monitoring Site Plan was not submitted; the submitted map could not be opened for review. A site plan must be submitted identifying the locations where monitoring will be performed. An updated copy of the UST Monitoring Site Plan was submitted into CERS at the time of inspection. This was corrected onsite.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	03-10-2020
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Violation Notes:	Returned to compliance on 06/02/2020. OBSERVATIONS: 1. According to Deanne Smith, Sterile Processing Manager, 3M steam indicator tape, which she is told is lead-free, is used in steam autoclaves. However, Tonia Shaw, Safety Operations Leader, provided the SDS for the 3M Comply Steam Indicator Tape, which states the tape contains lead carbonate hydroxide. It is unclear how this tape is managed after it has been used. REGULATION GUIDANCE: Any person who generates a waste shall determine if the waste is a hazardous waste as specified in Title 22 California Code of Regulations (CCR). There are wastes that are listed as hazardous wastes. There are wastes that exhibit one or more of the hazardous waste characteristics: toxic, corrosive, reactive or ignitable. CORRECTIVE ACTION: Immediately make a hazardous waste determination for the tape containing lead carbonate hydroxide, and manage it according to Title 22 CCR. Use Safety Data Sheets (SDS), waste sampling and test results or other knowledge to support your haz
Violation Division:	San Joaquin County Environmental Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-06-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 06/06/2019. An approved copy of the monitoring plans were not available for inspection. A copy of these plans shall be accessible on site at all times. Immediately locate and retain a copy on site. The Chief engineer made the corrections to the monitoring plan while the inspector was on site and is ensuring that the correct monitoring plan is found on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Violation Date:	06-06-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 06/06/2019. The monitoring plan is not current and/or not approved by the EHD. The monitoring plan states that the piping for the UST is being monitored by a 208 sensor, however while the inspector was on site it was noted that 420 sensors were also monitoring the piping. The monitoring plan must be uploaded to the California Environmental Reporting System (CERS). The Chief engineer logged into CERS, and made the necessary changes, and submitted for review by the EHD while the inspector was on site. This was corrected on site.
Violation Division:	San Joaquin County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-06-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 6th, 2019. Document reviewed: Monitoring system certification test results from 2016, 2017, 2018 Secondary containment 2017, employee training, response plan, maintenance records, monitoring plan, financial responsibility documents and designated operator monthly inspection reports from July 2018- May 2019 Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-16-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	THIS IS A REVISED REPORT ISSUED ON JULY 7, 2015 AND IT SUPERSEDES ALL PREVIOUSLY ISSUED REPORTS. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, 30-DAYS FROM RECEIPT OF THIS REPORT. NOTE: According to Chandra Buchanan, all vehicular maintenance at this facility is conducted at an offsite car maintenance location. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous waste activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-08-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Routine OIR with SPCC plan
Eval Division:	San Joaquin County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 25, 2020 . To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided: Return to compliance certification form and corrective action statement form.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-10-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Notes: - The inspection report was amended by adding violation 601. - The facility generated 694 pounds of P-listed RCRA acute hazardous waste in 2019, making the facility a RCRA Large Quantity Generator of hazardous waste. An inspection checklist was provided to the facility operator on the day of inspection. A complete report was amended and finished on 4/8/2020, and replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by 5/8/2020. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: Hazardous Waste Minimum L
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HWLQG
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Eval Date:	06-16-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Completed routine monitoring system inspection, no violations noted as of this date. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-22-2021
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	****No violations were noted at the time of the inspection. To minimize person to person contact EHD is choosing to write the name of person receiving the report instead of having them sign. Starting September 1, 2018, all in-office CERS help will be provided at EHD hourly rate ($152). To schedule an appointment, please call (209) 468-3420. Documents provided during inspection: -EHD class schedule
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	06-27-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site for the annual routine inspection and monitoring system verification. Violation noted: - Monitoring equipment is not installed or maintained to detect a leak at the earliest opportunity
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 27, 2018. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS. Documents provided: Return to Compliance Certification form, schedule of free CUPA classes
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-18-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Routine inspection
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	03-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Provide DA Investigator access to EHD waste site for dumpster dive waste storage.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, by July 27, 2017. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-22-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-08-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An inspection checklist was provided to the facility operator on the day of inspection. The EHD has written the complete report which replaces the initial checklist. Complete and submit a copy of the Return to Compliance Certification form to the EHD with a statement documenting the corrective actions that have been or will be taken for each violation, and any supporting paperwork, within 30 days of receiving the complete inspection report.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-15-2015
Violations Found:	No
Eval Type:	Routine done by local agency

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Eval Notes:	On site to conduct a routine UST inspection and witness the annual monitoring system certification testing. No violations noted at time of inspection. Please be aware that as of January 1, 2014, facility operators are required to upload the following UST program documents into the California Environmental Reporting System (CERS): UST Monitoring Site Plan, UST Certification of Financial Responsibility, UST Response Plan, UST Letter from Chief Financial Officer (if applicable), and the Owner Statement of Designated Operator Compliance. The UST Owner/Operator: Written Agreement, if applicable, can be stored at the facility or uploaded into CERS.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-20-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations found at time of inspection. Please be aware as of January 1, 2013, all businesses are required to submit all hazardous materials information online to the California Environmental Reporting System (CERS) at http://cers.calepa.ca.gov. Be sure to include your hazardous material activity in the Businesses Activities section in CERS in addition to any other relevant activities and required fields.
Eval Division:	San Joaquin County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Other/Unknown
Eval Date:	07-22-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not Reported
Eval Division:	San Joaquin County Environmental Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-22-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	San Joaquin County Environmental Health
Eval Program:	UST
Eval Source:	CERS,

Enforcement Action:

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	07-22-2013
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:	San Joaquin County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	07-18-2014
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:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	07-22-2013
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:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	06-27-2017
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:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	06-16-2015
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:	San Joaquin County Environmental Health
Enf Action Program:	HW
Enf Action Source:	CERS,

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Site ID:	40960
Site Name:	KAISER FOUNDATION - MANTECA
Site Address:	1777 W YOSEMITE AVE
Site City:	MANTECA
Site Zip:	95337
Enf Action Date:	07-08-2016
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:	San Joaquin County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS,

Coordinates:

Site ID:	40960
Facility Name:	KAISER FOUNDATION - MANTECA
Env Int Type Code:	HWG
Program ID:	10181559
Coord Name:	Not Reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.798030
Longitude:	-121.246200

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Joaquin Cnty Env Health
Entity Title:	Not Reported
Affiliation Address:	1868 East Hazelton Avenue
Affiliation City:	Stockton
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95205-6232
Affiliation Phone:	(209) 468-3420,
Affiliation Type Desc:	Document Preparer
Entity Name:	Chandra Buchanan, Safety Operations Practice Leader
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95337
Affiliation Phone:	,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	KAISER FOUNDATION HOSPITALS
Entity Title:	Not Reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	MANTECA MEDICAL CENTER - ATTN: Miles McCauley
Entity Title:	Not Reported
Affiliation Address:	1777 W YOSEMITE AVE
Affiliation City:	MANTECA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95336
Affiliation Phone:	(209) 825-3551,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Chandra Buchanan
Entity Title:	Not Reported
Affiliation Address:	4601 Dale Road
Affiliation City:	Modesto
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95356
Affiliation Phone:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	SAM CORBIN
Entity Title:	CHIEF ENGINEER
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	(209) 825-3781,
Affiliation Type Desc:	Identification Signer
Entity Name:	Chandra Buchanan
Entity Title:	Safety Operations Practice Leader
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Kaiser Foundation Hospitals
Entity Title:	Not Reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kaiser Foundation Hospital
Entity Title:	Not Reported
Affiliation Address:	ONE KAISER PLAZA
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,
Affiliation Type Desc:	Operator
Entity Name:	Engineering Department
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:	(209) 825-3700,
Affiliation Type Desc:	Parent Corporation
Entity Name:	KAISER FOUNDATION - MANTECA
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Kaiser Permanente Foundation Hospital
Entity Title:	Not Reported
Affiliation Address:	One Kaiser Plaza
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(510) 271-5800,

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

KAISER FOUNDATION - MANTECA 1777 W YOSEMITE AVE, MANTECA, CA, 95337			A100421362
◆ A9	NNW <1/10	(208 ft. / 0.039 mi.)	Lists of state and tribal registered storage tanks
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

AST: Lists of state and tribal registered storage tanks

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City/Zip:	MANTECA,95337
Certified Unified Program Agencies:	Not Reported
Owner:	KAISER FOUNDATION HOSPITAL
Total Gallons:	Not Reported
CERSID:	10181559
Facility ID:	00 FA0003978
Business Name:	KAISER FOUNDATION - MANTECA
Phone:	(209) 825-3848
Fax:	Not Reported
Mailing Address:	1777 W YOSEMITE AVE
Mailing Address City:	MANTECA
Mailing Address State:	CA
Mailing Address Zip Code:	95337
Operator Name:	Engineering Department
Operator Phone:	(209) 825-3700
Owner Phone:	(510) 271-5800
Owner Mail Address:	ONE KAISER PLAZA
Owner State:	CA
Owner Zip Code:	94612
Owner Country:	United States
Property Owner Name:	Kaiser Permanente Foundation Hospital
Property Owner Phone:	(510) 271-5800
Property Owner Mailing Address:	One Kaiser Plaza
Property Owner City:	Oakland
Property Owner Stat :	CA
Property Owner Zip Code:	94612
Property Owner Country:	United States
EPAID:	CAR000157727

KAISER PERMANENTE MANTECA MEDICAL CENTER 1777 W YOSEMTE AVENUE, MANTECA, CA, 95337-5130			1007569241
◆ A10	NNW <1/10	(208 ft. / 0.039 mi.)	Lists of Federal RCRA generators
	1 ft. Lower Elevation	28 ft. Above Sea Level	

MAP FINDINGS

Worksheet:

Impact on Target Property: Undetermined

RCRA Listings: Lists of Federal RCRA generators

Date Form Received by Agency:	20230530
Handler Name:	Kaiser Permanente Manteca Medical Center
Handler Address:	W YOSEMTE AVENUE
Handler City,State,Zip:	MANTECA, CA 95337-5130
EPA ID:	CAR000157727
Contact Name:	CHANDRA N BUCHANAN
Contact Address:	W YOSEMTE AVENUE
Contact City,State,Zip:	MANTECA, CA 95337-5130
Contact Telephone:	209-275-9160
Contact Fax:	Not Reported
Contact Email:	CHANDRA.N.BUCHANAN@KP.ORG
Contact Title:	SAFTEY OPERATIONS LEADER/ SAFTEY OFFICER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large 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:	W YOSEMTE AVENUE
Mailing City,State,Zip:	MANTECA, CA 95337-5130
Owner Name:	Kaiser Foundation Hospitals
Owner Type:	Private
Operator Name:	Kaiser Foundation Hospitals
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 State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	Yes
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	Yes
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20230605
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:	2021
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000157727&rep_year=2021
Year:	2019
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000157727&rep_year=2019
Year:	2017
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000157727&rep_year=2017
Year:	2013
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000157727&rep_year=2013
Year:	2011
Click Here for Biennial Reporting System Data:	https://enviro.epa.gov/enviro/brs_report_v2.get_data?hand_id=CAR000157727&rep_year=2011

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Waste Code:	D003
Waste Description:	Reactive Waste
Waste Code:	D004
Waste Description:	Arsenic
Waste Code:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D011
Waste Description:	Silver
Waste Code:	D013
Waste Description:	Lindane (1,2,3,4,5,6-Hexa-Chlorocyclohexane, Gamma Isomer)
Waste Code:	D022
Waste Description:	Chloroform
Waste Code:	D024
Waste Description:	M-Cresol
Waste Code:	D032
Waste Description:	Hexachlorobenzene
Waste Code:	D033
Waste Description:	Hexachlorobutadiene
Waste Code:	D039
Waste Description:	Tetrachloroethylene
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:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Waste Code:	P012
Waste Description:	Arsenic Oxide As2o3 (Or) Arsenic Trioxide
Waste Code:	P042
Waste Description:	1,2-Benzenediol, 4-[1-Hydroxy-2-(Methylamino)Ethyl]-, (R)- (Or) Epinephrine
Waste Code:	P075
Waste Description:	Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-,(S)-, & Salts
Waste Code:	P081
Waste Description:	1,2,3-Propanetriol, Trinitrate (R) (Or) Nitroglycerine (R)
Waste Code:	P108
Waste Description:	Strychnidin-10-One, & Salts (Or) Strychnine, & Salts
Waste Code:	U002
Waste Description:	2-Propanone (I) (Or) Acetone (I)
Waste Code:	U010
Waste Description:	Azirino [2',3':3,4]Pyrrolo[1,2-A]Indole-4,7-Dione, 6-Amino-8-[[(Aminocarbonyl)Oxy]Methyl]-1,1a,2,8,8a,8b-Hexahydro-8a-Methoxy-5-Methyl-, [1as-(1aalpha, 8beta, 8aalpha, 8balpha)]- (Or) Mitomycin C
Waste Code:	U012
Waste Description:	Aniline (I,T) (Or) Benzenamine (I,T)
Waste Code:	U035
Waste Description:	Benzenebutanoic Acid, 4-[Bis(2-Chloroethyl)Amino]- (Or) Chlorambucil
Waste Code:	U044
Waste Description:	Chloroform (Or) Methane, Trichloro-
Waste Code:	U048
Waste Description:	O-Chlorophenol (Or) Phenol, 2-Chloro-
Waste Code:	U058
Waste Description:	2h-1,3,2-Oxazaphosphorin-2-Amine, N,N-Bis(2-Chloroethyl)Tetrahydro-, 2-Oxide (Or) Cyclophosphamide
Waste Code:	U059
Waste Description:	5,12-Naphthacenedione, 8-Acetyl-10-[(3-Amino-2,3,6-Trideoxy)-Alpha-L-Lyxo-Hexopyranosyl)Oxy]-7,8,9,10-Tetrahydro-6,8,11-Trihydroxy-1-Methoxy-, (8s-Cis)- (Or) Daunomycin
Waste Code:	U089
Waste Description:	Diethylstilbesterol (Or) Phenol, 4,4'-(1,2-Diethyl-1,2-Ethenediyl)Bis, (E)-
Waste Code:	U122
Waste Description:	Formaldehyde
Waste Code:	U129
Waste Description:	Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)- (Or) Lindane
Waste Code:	U132
Waste Description:	Hexachlorophene (Or) Phenol, 2,2'-Methylenebis[3,4,6-Trichloro-
Waste Code:	U150
Waste Description:	L-Phenylalanine, 4-[Bis(2-Chloroethyl)Amino]- (Or) Melphalan
Waste Code:	U154
Waste Description:	Methanol (I) (Or) Methyl Alcohol (I)
Waste Code:	U182

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Waste Description:	1,3,5-Trioxane, 2,4,6-Trimethyl- (Or) Paraldehyde
Waste Code:	U188
Waste Description:	Phenol
Waste Code:	U200
Waste Description:	Reserpine (Or) Yohimban-16-Carboxylic Acid, 11,17-Dimethoxy-18-[(3,4,5-Trimethoxybenzoyl)Oxy]-, Methyl Ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
Waste Code:	U206
Waste Description:	D-Glucose, 2-Deoxy-2-[[(Methylnitrosoamino)-Carbonyl]Amino]- (Or) Glucopyranose, 2-Deoxy-2-(3-Methyl-3-Nitrosoureido)-,D- (Or) Streptozotocin
Waste Code:	U210
Waste Description:	Ethene, Tetrachloro- (Or) Tetrachloroethylene
Waste Code:	U237
Waste Description:	2,4-(1h,3h)-Pyrimidinedione, 5-[Bis(2-Chloroethyl)Amino]- (Or) Uracil Mustard

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER PERMANENTE FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	20041101
Date Ended Current:	Not Reported
Owner/Operator Address:	1800 HARRISON STREET, 6TH FLOOR
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER PERMANENTE FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	20041101
Date Ended Current:	Not Reported
Owner/Operator Address:	1800 HARRISON STREET, 6TH FLOOR
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HOSPITAL
Legal Status:	Private
Date Became Current:	20040601
Date Ended Current:	Not Reported
Owner/Operator Address:	ONE KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-625-4737
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER PERMANENTE

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Legal Status:	Private
Date Became Current:	20041020
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:	KAISER FOUNDATION HOSPITAL
Legal Status:	Private
Date Became Current:	20040601
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:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Owner
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	TONIA.J.SHAW@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANNA MOSHER
Legal Status:	Private
Date Became Current:	20041020
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:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	CHANDRA.N.BUCHANAN@KP.ORG
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KAISER FOUNDATION HOSPITALS
Legal Status:	Private
Date Became Current:	19900901
Date Ended Current:	Not Reported
Owner/Operator Address:	1 KAISER PLAZA
Owner/Operator City,State,Zip:	OAKLAND, CA 94612
Owner/Operator Telephone:	510-271-5800
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Owner/Operator Email:	CHANDRA.N.BUCHANAN@KP.ORG

Historic Generators:

Receive Date:	20121011
Handler Name:	MANTECA KAISER PERMANENTE
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:	20140228
Handler Name:	KAISER FOUNDATION HOSPITAL MANTECA
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:	20180226
Handler Name:	KAISER PERMANENTE - MANTECA
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:	No
Electronic Manifest Broker:	No

Receive Date:	20200224
Handler Name:	KAISER FOUNDATION HOSPITAL MANTECA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

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:	20220228
Handler Name:	KAISER FOUNDATION HOSPITAL MANTECA
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:	No
Electronic Manifest Broker:	No

Receive Date:	20190114
Handler Name:	KAISER FOUNDATION HOSPITAL MANTECA
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:	No
Electronic Manifest Broker:	No

Receive Date:	20041021
Handler Name:	KAISER FOUNDATION HOSPITAL MANTECA
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

Receive Date:	20230530
Handler Name:	KAISER PERMANENTE MANTECA MEDICAL CENTER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

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:	621491
NAICS Description:	HMO MEDICAL CENTERS
NAICS Code:	62211
NAICS Description:	GENERAL MEDICAL AND SURGICAL HOSPITALS
NAICS Code:	622110
NAICS Description:	GENERAL MEDICAL AND SURGICAL HOSPITALS

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20200310
Actual Return to Compliance Date:	20200515
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20200310
Actual Return to Compliance Date:	20200515
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20200310
Actual Return to Compliance Date:	20200619
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported
Enforcement Responsible Agency:	Not Reported
Enforcement Docket Number:	Not Reported
Enforcement Attorney:	Not Reported
Corrective Action Component:	Not Reported
Appeal Initiated Date:	Not Reported
Appeal Resolution Date:	Not Reported
Disposition Status Date:	Not Reported
Disposition Status:	Not Reported
Disposition Status Description:	Not Reported
Consent/Final Order Sequence Number:	Not Reported
Consent/Final Order Respondent Name:	Not Reported
Consent/Final Order Lead Agency:	Not Reported
Enforcement Type:	Not Reported
Enforcement Responsible Person:	Not Reported
Enforcement Responsible Sub-Organization:	Not Reported
SEP Sequence Number:	Not Reported
SEP Expenditure Amount:	Not Reported
SEP Scheduled Completion Date:	Not Reported
SEP Actual Date:	Not Reported
SEP Defaulted Date:	Not Reported
SEP Type:	Not Reported
SEP Type Description:	Not Reported
Proposed Amount:	Not Reported
Final Monetary Amount:	Not Reported
Paid Amount:	Not Reported
Final Count:	Not Reported
Final Amount:	Not Reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20200310
Actual Return to Compliance Date:	20200602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not Reported
Enforcement Identifier:	Not Reported
Date of Enforcement Action:	Not Reported

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

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

Evaluation Action Summary:

Evaluation Date:	20200310
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	CUPA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20200515
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:	20200310
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER

KAISER PERMANENTE MANTECA MEDICAL CENTER, 1777 W YOSEMTE AVENUE, MANTECA, CA 95337-5130 (Continued)

Evaluation Responsible Person Identifier:	CUPA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20200515
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:	20200310
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	CUPA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20200619
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:	20200310
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	CUPA
Evaluation Responsible Sub-Organization:	Not Reported
Actual Return to Compliance Date:	20200602
Scheduled Compliance Date:	Not Reported
Date of Request:	Not Reported
Date Response Received:	Not Reported
Request Agency:	Not Reported
Former Citation:	Not Reported

ST DOMINIC'S HOSPITAL/MANTECA 1777 YOSEMITE AVE, MANTECA, CA, 95336			U003971434
◆ A11	NNW <1/10	(208 ft. / 0.039 mi.)	Lists of state and tribal registered storage tanks
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

UST: Lists of state and tribal registered storage tanks

ST DOMINIC'S HOSPITAL/MANTECA, 1777 YOSEMITE AVE, MANTECA, CA 95336 (Continued)

Name:	ST DOMINIC'S HOSPITAL/MANTECA
Address:	1777 YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95336
Facility ID:	FA0003978
Permitting Agency:	Not Reported
CERSID:	Not Reported
Latitude:	37.79856084
Longitude:	-121.247075
Owner type:	Not Reported
Facility type:	Not Reported
Num of inuse ust:	Not Reported
Num of closed ust:	Not Reported
Num of oos ust:	Not Reported
Epa region:	Not Reported
Tribal lands:	Not Reported
Tank owner name:	Not Reported
Tank owner mailing address:	Not Reported
Tank owner mailing city:	Not Reported
Tank owner mailing zip:	Not Reported
Tank owner mailing state:	Not Reported
Tank operator name:	Not Reported
Tank operator mailing address:	Not Reported
Tank operator mailing city:	Not Reported
Tank operator mailing zip:	Not Reported
Tank operator mailing state:	Not Reported
Tankidnumber:	Not Reported
Tank status:	Not Reported
Tank configuration:	Not Reported
Tank closure date:	Not Reported
Tank installation date:	Not Reported
Tank num of compartments:	Not Reported
Tank contents:	Not Reported
Tank capacity gallons:	Not Reported
Tank type:	Not Reported
Tank pc construction:	Not Reported
Tank pwpiping construction:	Not Reported
Tank piping type:	Not Reported
Tank piping construction:	Not Reported
Tank sacrificial anode:	Not Reported
Tank cp impressed current:	Not Reported
Tank cp shutoff:	Not Reported
Tank alarms:	Not Reported
Tank ball float:	Not Reported
Tank spill bucket:	Not Reported

KAISER FOUNDATION - MANTECA
1777 W YOSEMITE AVE, MANTECA, CA, 95337 U004024112

◆ A12	NNW <1/10	(208 ft. / 0.039 mi.)	Lists of state and tribal registered storage tanks
	1 ft. Lower Elevation	28 ft. Above Sea Level	

Worksheet:

Impact on Target Property: Undetermined

UST: Lists of state and tribal registered storage tanks

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Facility ID:	00 FA0003978
Permitting Agency:	San Joaquin County Environmental Health
CERSID:	10181559
Latitude:	37.7980300
Longitude:	-121.246200
Owner type:	Non-Government
Facility type:	Other
Num of inuse ust:	5094
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	KAISER FOUNDATION HOSPITALS
Tank owner mailing address:	ONE KAISER PLAZA
Tank owner mailing city:	OAKLAND
Tank owner mailing zip:	94612
Tank owner mailing state:	CA
Tank operator name:	MANTECA MEDICAL CENTER - ATTN: Miles McCauley
Tank operator mailing address:	1777 W YOSEMITE AVE
Tank operator mailing city:	MANTECA
Tank operator mailing zip:	95336
Tank operator mailing state:	CA
Tankidnumber:	TA0239701
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not Reported
Tank installation date:	1/1/1989 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	8000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Conventional Suction
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No

KAISER FOUNDATION - MANTECA, 1777 W YOSEMITE AVE, MANTECA, CA 95337 (Continued)

Tank spill bucket:	Yes

UST SAN JOAQUIN:

Name:	KAISER FOUNDATION - MANTECA
Address:	1777 W YOSEMITE AVE
City,State,Zip:	MANTECA, CA 95337
Region:	SJ
Facility Id:	FA0003978
Mail Address:	1777 W YOSEMITE AVE
Mail Address 2:	Not Reported
Mail Care of:	Engineering Department
Mail City,St,Zip:	MANTECA, CA 95337
Tank Rec ID:	TA0239701
Tank Number:	1
Tank Status:	01 - Active, billable
Tank Capacity:	8000
Product Type Desc:	03 - DIESEL
Program Element:	2360
Decode for Program Element:	2360 - UST - PER TANK FEE
Chemical Form:	(none)
CAS#:	Not Reported
CERS ID:	10181559
Cross Ref Tank ID:	Not Reported
LEA ID:	1
Common Name:	Not Reported
Date Installed:	1/1/1989
Date of Closure:	Not Reported
Latitude:	37.7973574944
Longitude:	-121.2461412953

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	06/22/2023	07/06/2023	07/24/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	06/22/2023	07/06/2023	07/24/2023
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	06/22/2023	07/06/2023	07/24/2023
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	07/24/2023	07/31/2023	08/14/2023
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	07/24/2023	07/31/2023	08/14/2023
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	07/24/2023	07/31/2023	08/14/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	07/24/2023	07/31/2023	08/14/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	07/24/2023	07/31/2023	08/14/2023
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/25/2023	05/31/2023	07/24/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	05/22/2023	05/23/2023	07/24/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	05/22/2023	05/23/2023	07/24/2023
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/12/2023	06/20/2023	08/14/2023
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	04/24/2023	04/25/2023	07/13/2023
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	04/24/2023	04/25/2023	07/13/2023
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/08/2023	05/08/2023	07/31/2023
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 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
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	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
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 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 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
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 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/25/2023	05/09/2023	07/14/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/19/2023	05/09/2023	07/14/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/19/2023	05/09/2023	07/14/2023
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2023	05/09/2023	07/14/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/20/2023	05/09/2023	07/14/2023
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/20/2023	05/09/2023	07/14/2023
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/26/2023	05/09/2023	07/14/2023
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2023	05/09/2023	07/14/2023
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
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	06/05/2023	06/05/2023	08/28/2023
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	05/31/2023	06/02/2023	08/23/2023
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/26/2023	05/09/2023	07/14/2023
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2023	05/09/2023	07/14/2023
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/19/2023	05/09/2023	07/14/2023
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/25/2023	05/09/2023	07/14/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/20/2023	05/09/2023	07/14/2023
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/08/2023	03/09/2023	05/30/2023
State and tribal voluntary cleanup sites						
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	04/24/2023	04/25/2023	07/13/2023

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	06/14/2023	06/14/2023	09/06/2023
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	03/31/2023	04/20/2023	07/10/2023
US	ROD	Records Of Decision	EPA	06/22/2023	07/06/2023	07/24/2023
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	06/22/2023	07/06/2023	07/24/2023
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	06/02/2023	06/02/2023	08/23/2023
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	04/28/2023	04/28/2023	07/14/2023
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	06/22/2023	07/06/2023	07/24/2023
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	06/19/2023	06/20/2023	08/14/2023
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2021	04/14/2023	07/10/2023
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/22/2023	05/23/2023	07/10/2023
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
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	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	Delisted NPL	National Priority List Deletions	EPA	06/22/2023	07/06/2023	07/24/2023
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	06/22/2023	07/06/2023	07/24/2023
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	07/24/2023	07/31/2023	08/14/2023
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/19/2023	03/21/2023	05/30/2023
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	05/22/2023	05/23/2023	07/10/2023
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	04/06/2023	04/13/2023	04/19/2023
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
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	05/08/2023	05/16/2023	07/10/2023
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	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	04/03/2023	04/04/2023	06/09/2023
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/01/2023	05/24/2023	07/24/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
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	06/22/2023	07/06/2023	07/24/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	02/16/2023	05/02/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023

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	04/17/2023	04/18/2023	07/10/2023
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	03/20/2023	04/04/2023	06/09/2023
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/15/2023	03/21/2023	05/30/2023
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	05/04/2023	05/25/2023	07/24/2023
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	04/27/2022	05/04/2022	05/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
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	06/13/2023	06/14/2023	08/14/2023
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	12/31/2020	11/30/2022	02/09/2023
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	04/15/2023	04/28/2023	07/14/2023
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/14/2023	06/14/2023	09/06/2023
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	03/31/2023	05/08/2023	07/31/2023
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	05/25/2023	05/25/2023	08/14/2023
CA	DRYCLEAN SAN JOAQ VAL DIST	San Joaquin Valley Air Pollution Control District District D	San Joaquin Valley Air Pollution Control Dist	05/24/2023	05/30/2023	08/21/2023
CA	DRYCLEAN BUTTE CO DIST	Butte County Air Quality Management DistrictDrycleaner Facil	Butte County Air Quality Management District	12/31/2018	04/23/2019	05/01/2023
CA	DRYCLEAN CALAVERAS CO DIST	Calaveras County Environmental Management Agency Drycleaner	Calaveras County Environmental Management Age	06/17/2019	06/19/2019	05/01/2023
CA	DRYCLEAN IMPERIAL CO DIST	Imperial County Air Pollution Control District Drycleaner Fa	Imperial County Air Pollution Control Distric	04/25/2023	04/26/2023	07/14/2023
CA	DRYCLEAN MENDO CO DIST	Mendocino County Air Quality Management District Drycleaner	Mendocino County Air Quality Management Distr	04/27/2023	04/28/2023	07/14/2023
CA	DRYCLEAN GRANT	Grant Recipients List	California Air Resources Board	12/31/2020	02/04/2021	05/01/2023
CA	DRYCLEAN MOJAVE DESERT DIST	Mojave Desert Air Quality Management District Drycleaner Fac	Mojave Desert Air Quality Management District	04/26/2023	04/27/2023	07/14/2023
CA	DRYCLEAN LAKE CO DIST	Lake County Air Quality Management District Drycleaner Facil	Lake County Air Quality Management District	04/29/2019	05/07/2019	05/01/2023
CA	DRYCLEAN MONTEREY BAY DIST	Monterey Bay Air Quality Management District Drycleaner Faci	Monterey Bay Air Quality Management District	04/25/2023	04/26/2023	07/14/2023
CA	DRYCLEAN SHASTA CO DIST	Shasta County Air Quality Management District District Drycl	Shasta County Air Quality Management District	04/26/2023	04/27/2023	07/14/2023
CA	DRYCLEAN NO COAST UNIFIED DIST	North Coast Unified Air Quality Management District Dryclean	North Coast Unified Air Quality Management Di	11/30/2016	04/19/2019	05/01/2023
CA	DRYCLEAN YOLO-SOLANO DIST	Yolo-Solano Air Quality Management District Drycleaner Facil	Yolo-Solano Air Quality Management District	04/25/2023	04/27/2023	07/14/2023
CA	DRYCLEAN NO SIERRA DIST	Northern Sierra Air Quality Management District Drycleaner F	Northern Sierra Air Quality Management Distri	05/07/2019	05/07/2019	05/01/2023
CA	DRYCLEAN SAN DIEGO CO DIST	San Diego County Air Pollution Control District Drycleaner F	San Diego County Air Pollution Control Distri	02/01/2019	05/01/2019	05/01/2023
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	05/17/2023	05/18/2023	08/09/2023
CA	DRYCLEAN NO SONOMA CO DIST	Norther Sonoma County County Air Pollution Control District	Santa Barbara County Air Pollution Control Di	04/17/2019	04/17/2019	05/01/2023
CA	DRYCLEAN PLACER CO DIST	Placer County Air Quality Management District Drycleaner Fac	Placer County Air Quality Management District	05/15/2023	05/17/2023	08/14/2023
CA	DRYCLEAN EAST KERN DIST	Eastern Kern Air Pollution Control District District Dryclea	Eastern Kern Air Pollution Control District	01/12/2023	04/26/2023	07/14/2023
CA	DRYCLEAN BAY AREA DIST	Bay Area Air Quality Management District Drycleaner Facility	Bay Area Air Quality Management District	02/20/2019	05/30/2019	05/01/2023
CA	DRYCLEAN VENTURA CO DIST	Drycleaner Facility Listing	Ventura County Air Pollution Control District	04/16/2019	04/17/2019	05/01/2023
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/27/2021	09/01/2021	11/19/2021
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	05/22/2023	05/24/2023	08/14/2023
CA	DRYCLEAN SACRAMENTO METRO DIST	Sacramento Metropolitan Air Quality Management DistrictDrycl	Sacramento Metropolitan Air Quality Managemen	04/25/2023	04/28/2023	07/19/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	DRYCLEAN GLENN CO DIST	Glenn County Air Pollution Control District Drycleaner Facil	Glenn County Air Pollution Control District	05/02/2023	05/03/2023	07/25/2023
CA	DRYCLEAN SANTA BARB CO DIST	Santa Barbara County Air Pollution Control District Dryclean	Santa Barbara County Air Pollution Control Di	02/19/2019	04/17/2019	05/01/2023
CA	DRYCLEAN SAN LUIS OB CO DIST	San Luis Obispo County Air Pollution Control District Drycle	San Luis Obispo County Air Pollution Control	04/23/2019	04/25/2019	05/01/2023
CA	DRYCLEAN TEHAMA CO DIST	Tehama County Air Pollution Control District Drycleaner Faci	Tehama County Air Pollution Control District	04/24/2019	04/24/2019	05/01/2023
CA	DRYCLEAN AMADOR	Amador Air District Drycleaner Facility Listing	Amador Air Quality Management District	04/26/2023	04/27/2023	07/13/2023
CA	DRYCLEAN FEATHER RIVER DIST	Feather River Air Quality Management District Drycleaner Fac	Feather River Air Quality Management District	03/08/2023	03/09/2023	06/05/2023
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2021	06/09/2023	08/30/2023
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/17/2023	04/18/2023	07/06/2023
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	01/11/2023	01/17/2023	04/04/2023
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/04/2023	05/25/2023	08/16/2023
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/16/2022	11/22/2022	02/13/2023
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2021	07/05/2022	09/19/2022
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	05/15/2023	05/16/2023	08/09/2023
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/03/2023	04/04/2023	06/27/2023
CA	ICE	Inspection, Compliance and Enforcement	Department of Toxic Subsances Control	05/15/2023	05/16/2023	08/09/2023
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	06/05/2023	06/05/2023	08/25/2023
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	06/06/2023	06/07/2023	08/25/2023
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/25/2023
CA	MINES	Mines Site Location Listing	Department of Conservation	06/02/2023	06/02/2023	08/23/2023
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/08/2023	05/25/2023	08/16/2023
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/08/2023	05/08/2023	07/31/2023
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	05/25/2023	05/25/2023	08/16/2023
CA	PROC	Certified Processors Database	Department of Conservation	06/02/2023	06/02/2023	08/23/2023
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	06/06/2023	06/07/2023	08/25/2023
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	04/24/2023	04/25/2023	07/13/2023
CA	SANTA CRUZ CO SITE MITI	Site Mitigation Listing	Santa Cruz Environmental Health Services	12/03/2018	06/23/2023	07/13/2023
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	06/02/2023	06/02/2023	08/23/2023
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
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/26/2023	03/28/2023	05/30/2023
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	06/02/2023	06/02/2023	08/23/2023
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	03/30/2023	03/30/2023	06/09/2023
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	04/13/2023	04/18/2023	07/10/2023
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	06/02/2023	06/02/2023	08/23/2023
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	06/02/2023	06/02/2023	08/23/2023
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	UXO	Unexploded Ordnance Sites	Department of Defense	11/09/2021	10/20/2022	01/10/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	05/25/2023	05/25/2023	08/14/2023
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	07/16/2023	07/18/2023	08/28/2023
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/17/2023	04/18/2023	07/06/2023
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/17/2023	04/18/2023	07/06/2023
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/15/2023	05/17/2023	07/10/2023
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
CA	CERS HAZ WASTE	California Environmental Reporting System Hazardous Waste	CalEPA	04/17/2023	04/18/2023	07/11/2023
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/05/2023	06/05/2023	08/28/2023
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	04/27/2023	04/27/2023	05/02/2023
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	06/07/2023	06/08/2023	06/09/2023
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	06/07/2023	06/08/2023	06/09/2023
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	03/25/2023	03/31/2023	06/09/2023
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/05/2023	06/05/2023	08/28/2023
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
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	03/29/2023	03/30/2023	06/13/2023
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	04/27/2023	04/27/2023	07/13/2023
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	03/17/2023	03/21/2023	06/06/2023
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	04/03/2023	04/20/2023	07/10/2023
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	05/10/2023	05/10/2023	07/31/2023
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	08/08/2022	08/09/2022	09/01/2022
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	06/28/2021	12/21/2021	03/03/2022
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	08/12/2021	08/12/2021	11/08/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	04/12/2023	04/14/2023	06/28/2023
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	07/26/2023	07/27/2023	08/09/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	07/26/2023	07/27/2023	08/03/2023
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	04/26/2023	04/27/2023	05/31/2023
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	04/03/2023	04/06/2023	06/26/2023
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	04/10/2023	04/11/2023	06/26/2023
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	12/31/2022	01/12/2023	03/29/2023
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	01/10/2022	01/12/2022	04/04/2022
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	06/20/2023	06/22/2023	08/09/2023
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	06/20/2023	06/22/2023	09/12/2023
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	03/02/2023	04/18/2023	07/07/2023
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	04/12/2023	05/02/2023	06/13/2023
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	09/22/2021	11/18/2021	11/22/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	02/15/2022	02/17/2022	05/11/2022
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	10/04/2021	10/06/2021	12/29/2021
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	05/04/2023	05/05/2023	07/25/2023
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	05/15/2023	07/31/2023	08/09/2023
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	05/15/2023	07/31/2023	08/09/2023
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/01/2023	05/18/2023	06/14/2023
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	08/26/2022	08/29/2022	11/15/2022
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	04/10/2023	04/12/2023	06/28/2023
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	04/10/2023	04/12/2023	06/13/2023
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	11/07/2022	12/21/2022	03/16/2023
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	11/07/2022	12/09/2022	03/01/2023
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	05/02/2023	05/04/2023	07/25/2023
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	05/09/2023	05/10/2023	08/01/2023
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	05/25/2023	05/25/2023	08/16/2023
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/04/2023	04/05/2023	06/27/2023
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/22/2021	10/19/2021	01/13/2022
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	04/28/2023	04/28/2023	07/14/2023
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	04/28/2023	04/28/2023	05/03/2023
CA	SAN FRANCISCO MAHER	Maher Ordinance Property Listing	San Francisco Planning	04/11/2023	04/13/2023	07/11/2023
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	05/10/2023	05/11/2023	07/31/2023
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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	05/10/2023	05/11/2023	07/31/2023
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	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	09/15/2021	09/16/2021	12/09/2021
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	02/08/2022	02/10/2022	05/04/2022
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	08/03/2023	08/24/2023	09/12/2023
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	05/11/2023	05/11/2023	07/31/2023
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	04/12/2023	04/13/2023	06/28/2023
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	10/07/2022	10/07/2022	12/21/2022
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	03/27/2023	04/25/2023	07/14/2023
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	03/27/2023	04/21/2023	07/07/2023
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	05/26/2023	06/02/2023	06/14/2023
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	04/03/2023	04/18/2023	06/13/2023
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	05/04/2023	05/04/2023	07/25/2023

STREET AND ADDRESS INFORMATION

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APPENDIX H

QUALIFICATIONS
OF
ENVIRONMENTAL PROFESSIONALS

ARAM B. KALOUSTIAN, P.E.
Principal

Mr. Aram Kaloustian has diversified experience in environmental, mechanical and civil engineering including indoor air quality surveys for mold and ventilation systems, asbestos and lead-based paint assessments, Phase I environmental surveys, subsurface environmental site assessments, remedial design, remediation system installation and operation, negotiations with regulatory agencies, computer modeling, research of new environmental investigative and remedial technologies, safety engineering and project management.

Mr. Kaloustian has conducted numerous assessments involving indoor air quality, asbestos and lead-based paint surveys and associated remediation projects by establishing investigative protocol, implementing efficient assessment strategies, and applying the site specific and appropriate remedial recommendations to all assessed projects. Mr. Kaloustian has also designed a variety of protocols for remedial and post-remedial monitoring services for a wide variety of project sites.

Mr. Kaloustian has conducted numerous historical and background Phase I investigations involving review of files located at various county health departments, water quality control boards, state departments of health, air quality management districts, city building departments, city departments of public works and city fire departments. These investigations also involved searches of state and federal databases for hazardous waste sites, generators, transporters and treatment/storage/disposal facilities, title searches, aerial photo reviews and visual site inspections.

Mr. Kaloustian has extensive subsurface site assessment experience involving underground storage tanks, exploratory borings and monitoring wells, implementation of monitoring and sampling programs, evaluation of monitoring and sampling data, review of historical site and site vicinity information, agency negotiations, and assessment and remediation recommendations.

Mr. Kaloustian's remedial design experience includes various vapor extraction and groundwater remediation systems for remediation of soil and groundwater impacted by hydrocarbon contamination. Mr. Kaloustian has designed and implemented vapor extraction treatment systems that have included internal combustion engines, catalytic thermal oxidizers and carbon adsorption. Groundwater treatment systems have included spray aeration tanks, carbon adsorption and air strippers.

Regulatory compliance experience includes obtaining permits for removal of underground storage tanks, drilling exploratory borings, installation of monitoring wells, and installation of vapor extraction treatment systems and groundwater treatment systems. This has required working with local county health departments, city departments of public works, city fire departments,

air quality management districts, a number of publicly owned treatment works and the California Regional Water Quality Control Board.

Mr. Kaloustian has also constructed and evaluated various computer models for site assessment and remediation including models used to evaluate the vacuum influence of vapor extraction systems, the radius of influence of groundwater extraction, fate and transport analysis of contaminant's, and aquifer test data.

Mr. Kaloustian has also participated and has been the lead engineer in the research and development of new investigative and remedial techniques involving indoor air quality, horizontal drilling; and treatment of contaminated soil and sludge materials using remedial surfactants, bioremediation, soil washing, encapsulation and modified oxidation. Additional research experience includes participation in the South Coast Air Quality Survey in 1987 for research involving atmospheric chemistry.

Throughout the years, Mr. Kaloustian has also maintained certification and continuing education for Hazardous Waste Operations and Emergency Response (29CFR1910.120) and supervisory training; and has developed site specific health and safety plans for site assessment and remediation. Mr. Kaloustian has also been responsible for the development and implementation of a safety procedures manual for environmental assessment and remediation firms.

Registrations:
Registered Professional Civil Engineer, State of California
Registered Professional Civil Engineer, State of Arizona
Registered Professional Civil Engineer, State of Hawaii
Registered Professional Civil Engineer, State of Texas
Registered Professional Civil Engineer, State of Utah
Registered Environmental Assessor, State of California (1994-1999)

Affiliations:
American Industrial Hygiene Association – Consultant Member
National Society of Professional Engineers – Member
California Ground Water Association - Member

Education:
M.S., Construction Engineering and Management, Stanford University
B.S., Engineering and Applied Science, California Institute of Technology
Indoor Air Quality Certification from the American Industrial Hygiene Association
OSHA 40-Hour Hazardous Waste Operations Training and Certification
Certified AHERA asbestos building inspector and management planner

APPENDIX E

ENVIRONMENTAL NOISE ASSESSMENT

Environmental Noise Assessment

1758 West Yosemite Avenue Project

City of Manteca, California

July 14, 2025

Project #231006

Prepared for:

Raney Planning & Management
1501 Sports Drive, Suite A
Sacramento, CA 95834

Prepared by:

Saxelby Acoustics LLC





Luke Saxelby, INCE Bd. Cert.
Principal Consultant
Board Certified, Institute of Noise Control Engineering (INCE)

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915 Highland Pointe Drive, Suite 250
Roseville, CA 95678

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INTRODUCTION

The 1758 West Yosemite Avenue project is located in the City of Manteca, California. The project includes the construction of nine new multifamily residential buildings. The project will be bordered by West Yosemite Avenue to the north and by residential land uses to the west, east, and south.

Figure 1 shows the project site plan. **Figure 2** shows an aerial photo of the project site.

ENVIRONMENTAL SETTING

BACKGROUND INFORMATION ON NOISE

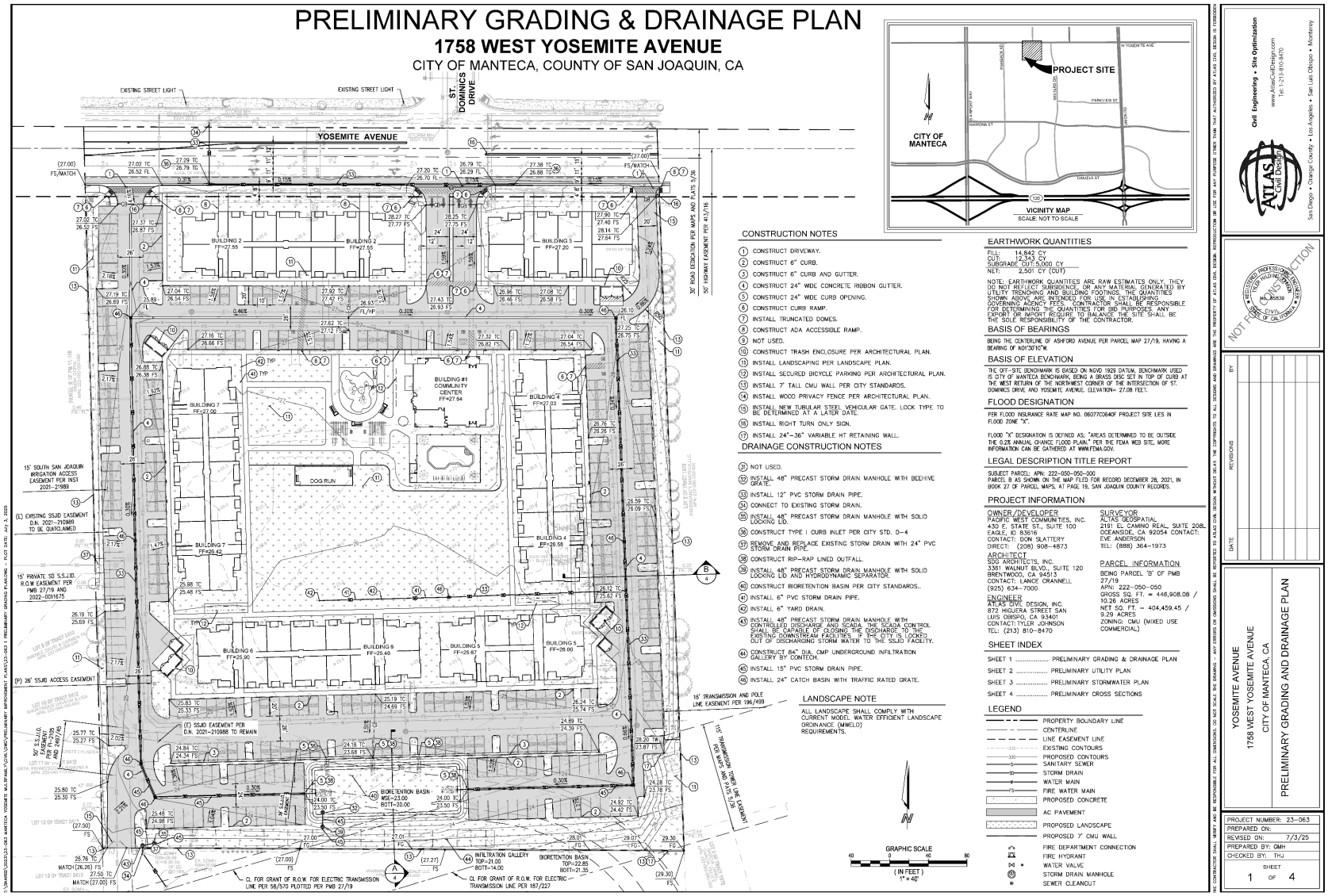
Fundamentals of Acoustics

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

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

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

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

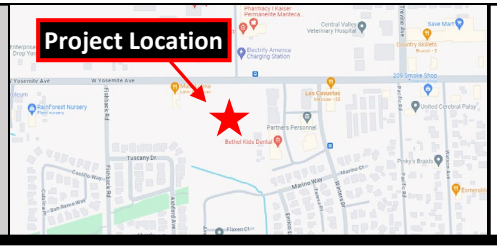


1758 West Yosemite Avenue Project

City of Manteca, California

Figure 1

Project Site Plan



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1758 West Yosemite Avenue Project

City of Manteca, California

Figure 2

Noise Measurement Sites

Legend

- Project Site
- Noise Measurement Site - Long Term

0 ft 100 ft 200 ft 300 ft

Projection: UTM Zone 10 / WGS84 / meters
Rev. Date: 01/16/2024

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

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

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

Table 1 lists several examples of the noise levels associated with common situations. **Appendix A** provides a summary of acoustical terms used in this report.

TABLE 1: TYPICAL NOISE LEVELS

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

Source: Caltrans, Technical Noise Supplement, Traffic Noise Analysis Protocol. September, 2013.

Effects of Noise on People

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

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

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

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

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

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

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

EXISTING NOISE AND VIBRATION ENVIRONMENTS

EXISTING NOISE RECEPTORS

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

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

EXISTING GENERAL AMBIENT NOISE LEVELS

The existing noise environment in the project area is primarily defined by traffic on West Yosemite Avenue. To quantify the existing ambient noise environment in the project vicinity, Saxelby Acoustics conducted continuous (24-hr.) noise level measurements at three locations on the project site. Noise measurement locations are shown on **Figure 2**. A summary of the noise level measurement survey results is provided in **Table 2**. **Appendix B** contains the complete results of the noise monitoring.

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

Larson Davis Laboratories (LDL) model 820 precision integrating sound level meters were used for the ambient noise level measurement survey. The meters were calibrated before and after use with a CAL200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

TABLE 2: SUMMARY OF EXISTING BACKGROUND NOISE MEASUREMENT DATA

Location	Date	L_{dn}	Daytime L_{eq}	Daytime L_{50}	Daytime L_{max}	Nighttime L_{eq}	Nighttime L_{50}	Nighttime L_{max}
LT-1: 50 ft. to CL of Yosemite Rd.	1/8/2024	74	73	70	88	67	57	82
LT-2: 425 ft. to CL of Yosemite Rd.	1/8/2024	59	54	53	66	53	51	68
LT-3: 700 ft. to CL of Yosemite Rd.	1/8/2024	59	52	51	65	53	51	65

- *All values shown in dBA*
- *Daytime hours: 7:00 a.m. to 10:00 p.m.*
- *Nighttime Hours: 10:00 p.m. to 7:00 a.m.*
- *Source: Saxelby Acoustics, 2024.*

FUTURE TRAFFIC NOISE ENVIRONMENT AT OFF-SITE RECEPTORS

OFF-SITE TRAFFIC NOISE IMPACT ASSESSMENT METHODOLOGY

To assess noise impacts due to project-related traffic increases on the local roadway network, traffic noise levels are predicted at sensitive receptors for existing no project and existing plus project conditions.

Existing and existing plus project noise levels due to traffic are calculated using the Federal Highway Administration Highway Traffic Noise Prediction Model (FHWA RD-77-108). The model is based upon the Calveno reference noise factors for automobiles, medium trucks and heavy trucks, with consideration given to vehicle volume, speed, roadway configuration, distance to the receiver, and the acoustical characteristics of the site.

The FHWA model was developed to predict hourly L_{eq} values for free-flowing traffic conditions. To predict traffic noise levels in terms of L_{dn}, it is necessary to adjust the input volume to account for the day/night distribution of traffic.

Project trip generation volumes were estimated based upon similar projects. Truck usage and vehicle speeds on the local area roadways were estimated from field observations. Existing traffic volumes were obtained from the City of Manteca General Plan traffic analysis. The predicted increases in traffic noise levels on the local roadway network for existing conditions which would result from the project are provided in terms of L_{dn}.

Traffic noise levels are predicted at the sensitive receptors located at the closest typical setback distance along each project-area roadway segment. In some locations sensitive receptors may not receive full shielding from noise barriers or may be located at distances which vary from the assumed calculation distance.

Table 3 summarizes the modeled traffic noise levels at the nearest sensitive receptors along each roadway segment in the Project area. **Appendix C** provides the complete inputs and results of the FHWA traffic modeling.

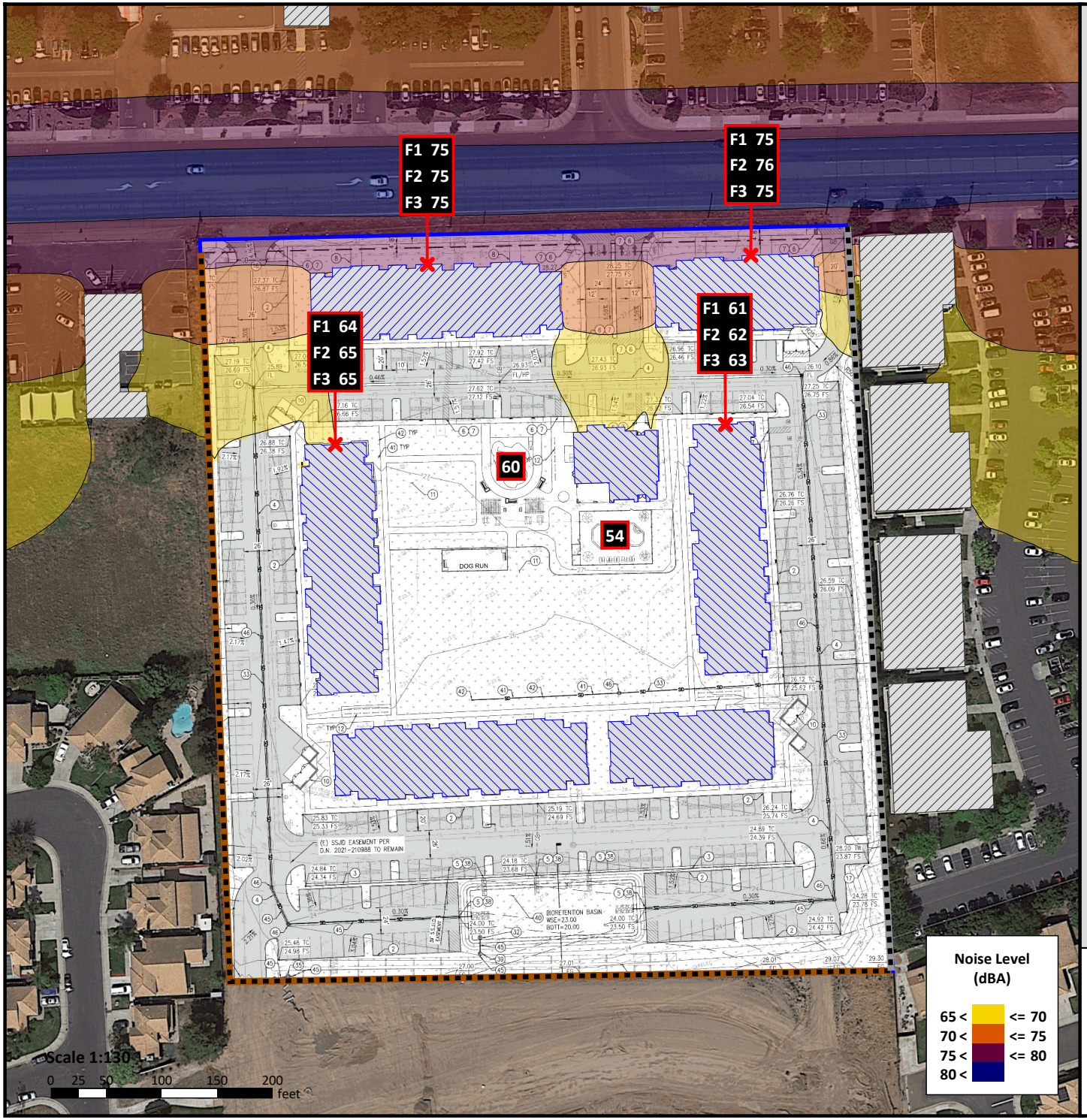
TABLE 3: PREDICTED TRAFFIC NOISE LEVEL AND PROJECT-RELATED TRAFFIC NOISE LEVEL INCREASES

Roadway	Segment	Existing no Project	Existing + Project	Change
West Yosemite Avenue	Airport Way south of SR 120 EB Ramps	71.0	71.4	0.4

Based upon **Table 3** data, the proposed project is predicted to result in an increase in a maximum traffic noise level increase of 0.4 dBA.

EVALUATION OF FUTURE TRANSPORTATION NOISE ON PROJECT SITE

Saxelby Acoustics used the SoundPLAN noise model to calculate traffic noise levels at the proposed residential uses due to traffic on West Yosemite Avenue. Inputs to the SoundPLAN noise model include topography, existing structures, roadway elevations, and the proposed building pad elevations. It was estimated that existing noise levels on West Yosemite Avenue would increase by approximately +3.5 dBA based upon projected increases in traffic volumes per the City of Manteca 2040 General Plan. The results of this analysis are shown graphically on **Figure 3**.



1758 West Yosemite Avenue

City of Manteca, CA

Figure 3

Future Transportation Noise Levels
Ldn, dB(A)

Legend

- Project Site
- Project Building
- Existing Building
- Noise Level
- Privacy Fence
- 7' CMU Wall

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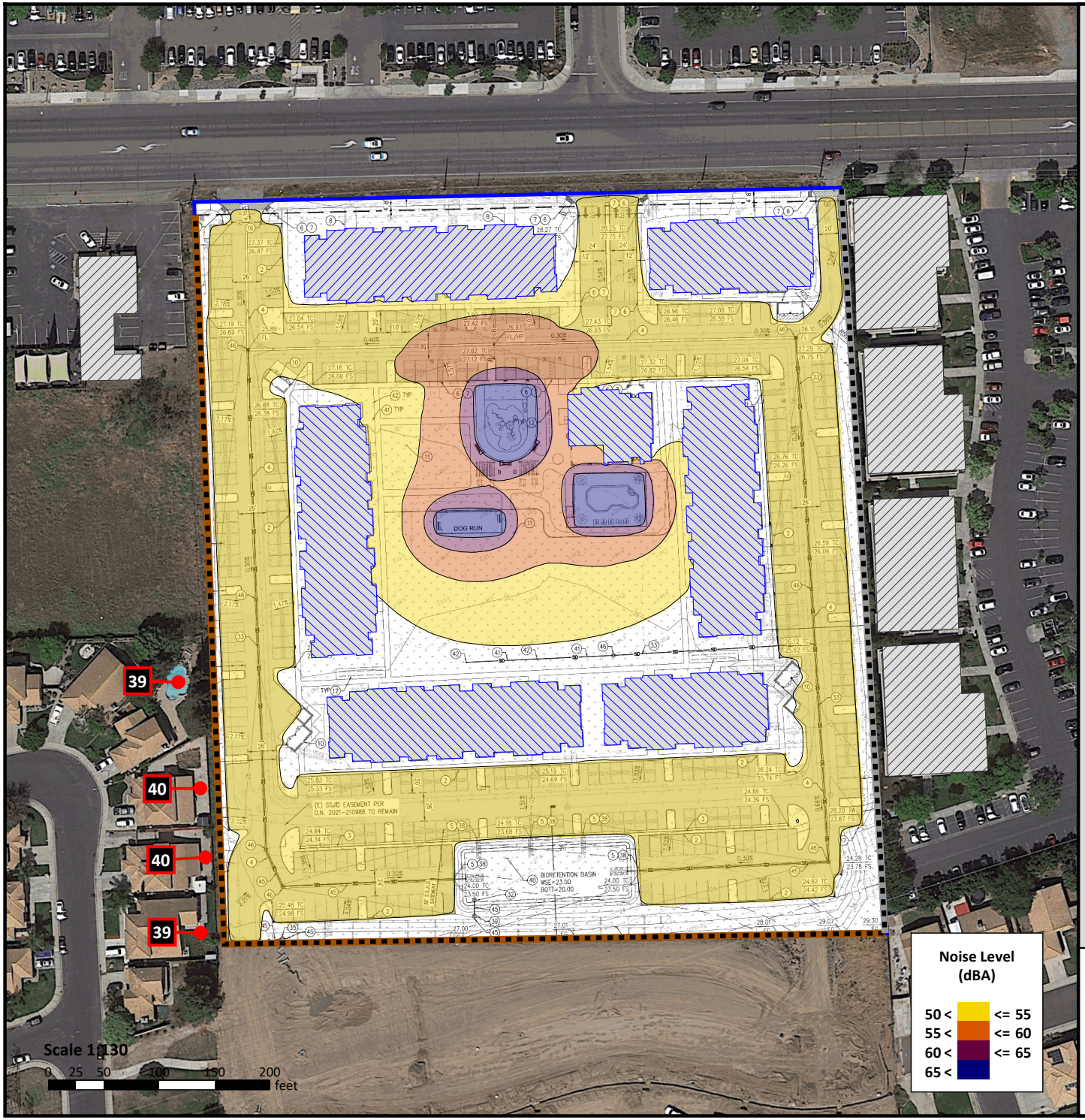
EVALUATION OF PROJECT OPERATIONAL NOISE ON EXISTING SENSITIVE RECEPTORS

Project site traffic circulation and residential HVAC noise are considered to be the primary noise sources for this project. The following is a list of assumptions used for the noise modeling. The data used is based upon a combination of manufacturer's provided data and Saxelby Acoustics data from similar operations.

On-Site Circulation: The project is conservatively estimated to generate 149 during a morning peak hour. Saxelby Acoustics assumed that 2 additional trips could be heavy trucks. Parking lot movements are predicted to generate a sound exposure level (SEL) of 71 dBA SEL at 50 feet for cars and 85 dBA SEL at 50 feet for trucks. Nighttime traffic outside of the AM or PM peak hour is estimated to be approximately 1/2 of daytime trips during nighttime hours (10:00 p.m. to 7:00 a.m.). Saxelby Acoustics data.

HVAC: Assumes a single three-ton HVAC unit for each residential unit. The units were assumed to have a sound level rating of 70 dBA (manufacturer's data). HVACs usage are estimated to be approximately 1/2 of daytime (7:00 a.m. to 10:00 p.m.) during nighttime hours (10:00 p.m. to 7:00 a.m.). Saxelby Acoustics data.

Saxelby Acoustics used the SoundPLAN noise prediction model. Inputs to the model included sound power levels for the proposed amenities, existing and proposed buildings, terrain type, and locations of sensitive receptors. These predictions are made in accordance with International Organization for Standardization (ISO) standard 9613-2:1996 (Acoustics – Attenuation of sound during propagation outdoors). ISO 9613 is the most commonly used method for calculating exterior noise propagation. **Figures 4 and 5** show the noise level contours resulting from the operation of the project.



1758 West Yosemite Avenue

City of Manteca, CA

Figure 4

Daytime Operational Noise Contour Leq dBA

Legend

- Project Site
- Project Building
- Existing Building
- Noise Level
- Privacy Fence
- 7' CMU Wall

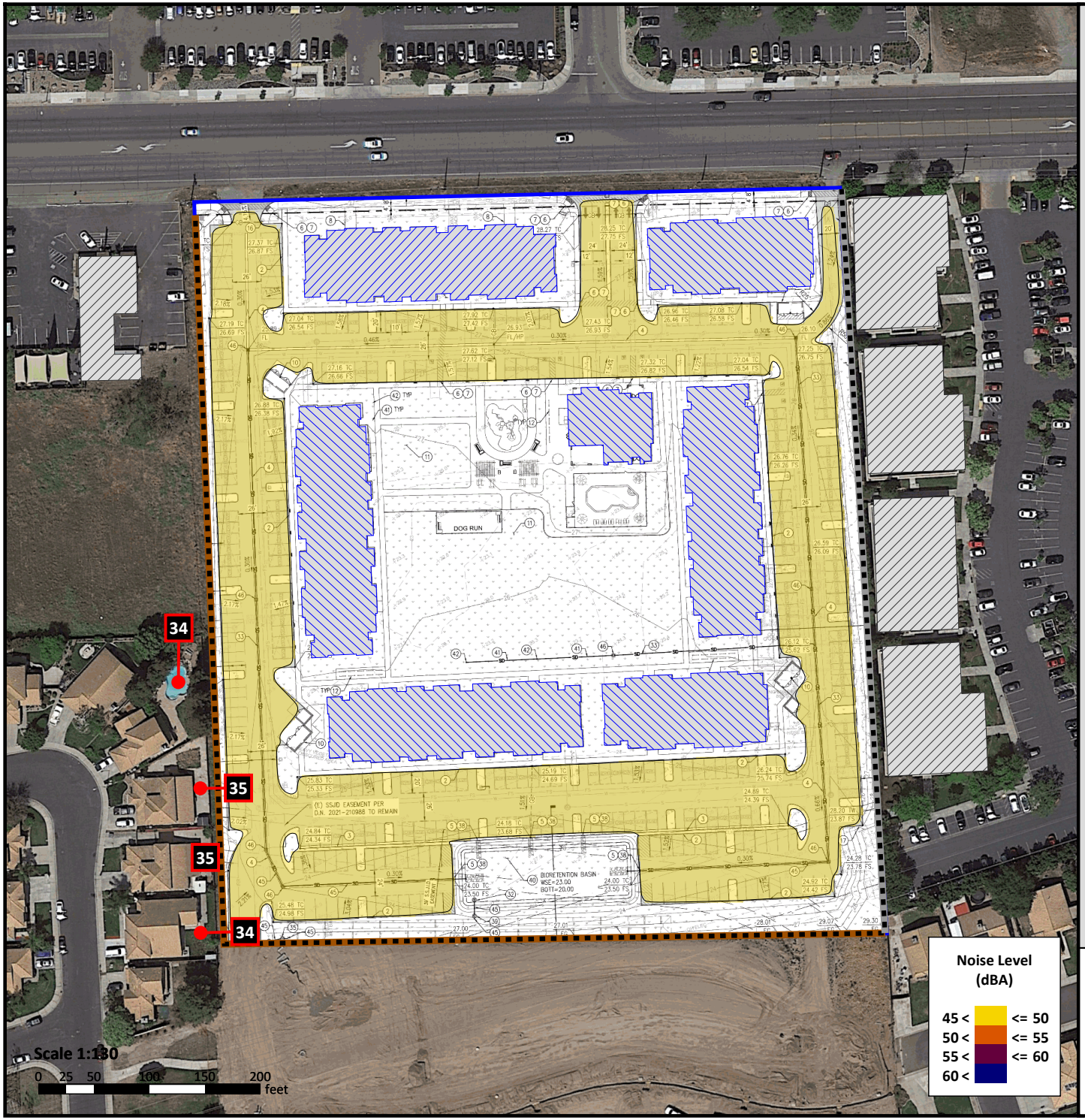
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1758 West Yosemite Avenue

City of Manteca, CA

Figure 5

Nighttime Operational Noise Contour
Leq dBA



Legend

- Project Site
- Project Building
- Existing Building
- Noise Level
- Privacy Fence
- 7' CMU Wall

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CONSTRUCTION NOISE ENVIRONMENT

During the construction of the proposed project, noise from construction activities would temporarily add to the noise environment in the project vicinity. As shown in **Table 4**, activities involved in construction would generate maximum noise levels ranging from 76 to 90 dB at a distance of 50 feet.

TABLE 4: CONSTRUCTION EQUIPMENT NOISE

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

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

CONSTRUCTION VIBRATION ENVIRONMENT

The primary vibration-generating activities associated with the proposed project would occur during construction when activities such as grading, utilities placement, and parking lot construction occur. **Table 5** shows the typical vibration levels produced by construction equipment.

TABLE 5: VIBRATION LEVELS FOR VARIOUS CONSTRUCTION EQUIPMENT

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

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

REGULATORY CONTEXT

FEDERAL

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

STATE

California Environmental Quality Act

The California Environmental Quality Act (CEQA) Guidelines, Appendix G, indicate that a significant noise impact may occur if a project exposes persons to noise or vibration levels in excess of local general plans or noise ordinance standards, or cause a substantial permanent or temporary increase in ambient noise levels. CEQA standards are discussed in more detail under the Thresholds of Significance section.

LOCAL

City of Manteca General Plan Noise Element

S-6.4 Require residential and other noise-sensitive development projects to satisfy the noise level criteria in Tables S-1 **(Table 6)** and S-2 **(Table 7)**.

S-6.6 Regulate construction-related noise to reduce impacts on adjacent uses to the criteria identified in Table S-2 **(Table 7)** or, if the criteria in Table S-2 **(Table 7)** cannot be met, to the maximum level feasible using best management practices and complying with the MMC Chapter 9.52.

S-6.15 Recognizing that existing noise-sensitive uses may be exposed to increase noise levels due to circulation improvement projects associated with development under the General Plan and that it may not be feasible to reduce increased traffic noise levels to the criteria identified in Table S-1, the following criteria may be used to determine the significance of noise impacts associated with circulation improvement projects:

- Where existing traffic noise levels are less than 60 dB L_{dn} at the outdoor activity areas of noise-sensitive uses, a +5 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant; and
- Where existing traffic noise levels range between 60 and 65 dB L_{dn} at the outdoor activity areas of noise-sensitive uses, a +3 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant; and
- Where existing traffic noise levels are greater than 65 dB L_{dn} in the outdoor activity areas of noise-sensitive uses, a + 1.5 dB L_{dn} increase in noise levels due to roadway improvement projects will be considered significant.

S-6c Update the City's Noise Ordinance (Chapter 9.52) to reflect the noise standards established in this Safety Element and proactively enforce the City's Noise Ordinance, including requiring the following measures for construction:

- *Restrict construction activities to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday,*

and 8:00 a.m. to 6:00 p.m. on Saturdays. No construction shall be permitted outside of these hours or on Sundays or federal holidays, without a specific exemption issued by the City. No exemption shall be issued for construction within 200 feet of residential uses.

- *A Construction Noise Management Plan shall be submitted by the applicant for construction projects that exceed ambient noise levels by more than 12 dBA or produce perceptible vibrations at any off-site structures. The Construction Noise Management Plan shall include proper posting of construction schedules, appointment of a noise*
- *Noise reduction measures shall include, but are not limited to, the following:*

    a. *Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically attenuating shields or shrouds) wherever feasible.*

    b. *Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. This muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available. This would achieve a reduction of up to 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures.*

    c. *Temporary power poles or zero-emission power sources shall be used instead of generators where feasible.*

    d. *Stationary noise sources shall be located as far from adjacent properties as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City to provide equivalent noise reduction.*

    e. *The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.*

    f. *Delivery of materials shall observe the hours of operation described above.*

    g. *Truck traffic shall avoid residential areas to the greatest extent feasible.*

S-6d *In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels are have a substantial increase. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:*

Transportation Noise

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

Non-Transportation Noise

- *A 5 dB increase in noise will be considered substantial.*

Construction Noise

- *An increase of 12 dB in noise will be considered substantial.*

TABLE 6: MAXIMUM ALLOWABLE NOISE EXPOSURE FROM MOBILE NOISE SOURCES

Land Use[1]	Outdoor Activity Areas[2],[3]	Interior Spaces	
		L_{dn}/ CNEL, dBA	L_{eq}, dBA[4]
Residential	60	45	-
Motels/Hotels	65	45	-
Mixed-Use	65	45	
Hospitals, Nursing Homes	60	45	-
Theaters, Auditoriums	-	-	35
Churches	60	-	40
Office Buildings	65	-	45
Schools, Libraries, Museums	70	-	45
Playgrounds, Neighborhood Parks	70	-	-
Industrial	75	-	45
Golf Courses, Water Recreation	70	-	-

[1]*Where a proposed use is not specifically listed, the use shall comply with the standards for the most similar use as determined by the City.*

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

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

[4]*Determined for a typical worst-case hour during periods of use.*

Source: City of Manteca General Plan Table S-1.

TABLE 7: PERFORMANCE STANDARDS FOR STATIONARY NOISE SOURCES, INCLUDING AFFECTED PROJECTS[1,2,3,4]

Noise Level Descriptor	Daytime	Nighttime
	7 am to 10 pm	10 pm to 7 am
Hourly L_{eq}, dBA	55	45

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

[2] *No standards have been included for interior noise levels. Standard construction practices should, with the exterior noise levels identified, result in acceptable interior noise levels.*

[3] *Stationary noise sources which are typically of concern include, but are not limited to, the following:*

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

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

CRITERIA FOR ACCEPTABLE VIBRATION

Vibration is like noise in that it involves a source, a transmission path, and a receiver. While vibration is related to noise, it differs in that noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of amplitude and frequency. A person's perception to the vibration will depend on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating.

Vibration can be measured in terms of acceleration, velocity, or displacement. A common practice is to monitor vibration measures in terms of peak particle velocities in inches per second. Standards pertaining to perception as well as damage to structures have been developed for vibration levels defined in terms of peak particle velocities.

Human and structural response to different vibration levels is influenced by a number of factors, including ground type, distance between source and receptor, duration, and the number of perceived vibration events. **Table 8**, which was developed by Caltrans, shows the vibration levels which would normally be required to result in damage to structures. The vibration levels are presented in terms of peak particle velocity in inches per second.

Table 8 indicates that the threshold for architectural damage to structures is 0.20 in/sec p.p.v. A threshold of 0.20 in/sec p.p.v. is considered to be a reasonable threshold for short-term construction projects.

TABLE 8: EFFECTS OF VIBRATION ON PEOPLE AND BUILDINGS

Peak Particle Velocity		Human Reaction	Effect on Buildings
mm/second	in/second		
0.15-0.30	0.006-0.019	Threshold of perception; possibility of intrusion	Vibrations unlikely to cause damage of any type
2.0	0.08	Vibrations readily perceptible	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected
2.5	0.10	Level at which continuous vibrations begin to annoy people	Virtually no risk of "architectural" damage to normal buildings
5.0	0.20	Vibrations annoying to people in buildings (this agrees with the levels established for people standing on bridges and subjected to relative short periods of vibrations)	Threshold at which there is a risk of "architectural" damage to normal dwelling - houses with plastered walls and ceilings. Special types of finish such as lining of walls, flexible ceiling treatment, etc., would minimize "architectural" damage
10-15	0.4-0.6	Vibrations considered unpleasant by people subjected to continuous vibrations and unacceptable to some people walking on bridges	Vibrations at a greater level than normally expected from traffic, but would cause "architectural" damage and possibly minor structural damage

Source: Transportation Related Earthborne Vibrations. Caltrans. TAV-02-01-R9601. February 20, 2002.

IMPACTS AND MITIGATION MEASURES

THRESHOLDS OF SIGNIFICANCE

Appendix G of the CEQA Guidelines states that a project would normally be considered to result in significant noise impacts if noise levels conflict with adopted environmental standards or plans or if noise generated by the project would substantially increase existing noise levels at sensitive receivers on a permanent or temporary basis. Significance criteria for noise impacts are drawn from CEQA Guidelines Appendix G (Items XI [a-c]).

Would the project:

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

b. Generate excessive groundborne vibration or groundborne noise levels?

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

Noise Level Increase Criteria for Long-Term Project-Related Noise Level Increases

The City of Manteca establishes noise level increase criteria for long-term project-related increases due to transportation noise in the General Plan. The relevant criteria are reproduced below:

S-6d In making a determination of impact under the California Environmental Quality Act (CEQA), a substantial increase will occur if ambient noise levels have a substantial increase. Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise Manteca General Plan April 2023 9-20 levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:

Transportation Noise

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

Non-Transportation Noise

- An 5 dB increase in noise will be considered substantial.

Temporary Construction Noise Impacts

With temporary noise impacts (construction), identification of "substantial increases" depends upon the duration of the impact, the temporal daily nature of the impact, and the absolute change in decibel levels. Per the City of Manteca Municipal Code, construction activities operating between 7:00 p.m. and 7:00 a.m. are exempt from the ordinance. For short-term noise associated with Project construction, the City of Manteca establishes an increase criterion of 12 dBA in Policy S-6d. This level of increase is approximately equivalent to a doubling of sound energy.

PROJECT-SPECIFIC IMPACTS AND MITIGATION MEASURES

Impact 1: ***Would the project generate a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?***

Traffic Noise Increases at Off-Site Receptors

The City of Manteca General Plan specifies criteria to determine the significance of traffic noise impacts. Where existing traffic noise levels are greater than 65 dB L_{dn}, a +1.5 dB L_{dn} increase in roadway noise levels will be considered significant. According to **Table 3**, the maximum increase is traffic noise at the nearest sensitive receptor is predicted to be 0.4 dBA. Therefore, impacts resulting from increased traffic noise would be considered ***less-than-significant***, and no mitigation is required.

Operational Noise at Existing Sensitive Receptors

As shown in **Figures 4 and 5**, the project is predicted to expose nearby residences to noise levels up to 40 dBA L_{eq} during daytime (7:00 a.m. to 10:00 p.m.) hours and up to 35 dBA L_{eq} during nighttime (10:00 p.m. to 7:00 a.m.) hours. The predicted project noise levels would comply with the City of Manteca daytime/nighttime noise level standards of 55 dBA L_{eq} and 45 dBA L_{eq}, respectively.

The City's general plan establishes a significance threshold of +5 dB for increases in stationary noise sources. At the nearby residences, the average nighttime ambient noise level was measured to be 53 dBA L_{eq} based upon the ambient noise level survey. The resulting sum of ambient noise (53 dBA L_{eq}) plus project generated noise (35 dBA L_{eq}) would be 53 dBA. During daytime hours, the resulting sum of ambient noise (54 dBA L_{eq}) plus project generated noise (40 dBA L_{eq}) would be 54 dBA L_{eq}. Therefore, the project would not cause a significant increase above the existing ambient noise levels.

Therefore, impacts resulting from noise levels exceeding the threshold of significance due to operational noise on existing sensitive receptors would be considered ***less-than-significant***.

Construction Noise

During the construction phases of the project, noise from construction activities would add to the noise environment in the immediate project vicinity. As indicated in **Table 4,** activities involved in construction would generate maximum noise levels ranging from 76 to 90 dBA L_{max} at a distance of 50 feet. Construction activities would also be temporary in nature and are anticipated to occur during normal daytime working hours. The City of Manteca General Plan exempts construction noise from the noise ordinance between the hours 7:00 a.m. to 7:00 p.m. on Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturdays. No construction shall be permitted outside of these hours or on Sundays or federal holidays, without a specific exemption issued by the City.

The City defines a significant increase due to construction noise as an increase of 12 dBA over existing ambient noise levels; Saxelby Acoustics used this criterion to evaluate increases due to construction noise associated with the project. As shown in **Table 4**, construction equipment is predicted to generate noise levels of up to 90 dBA L_{max} at 50 feet. Construction noise is evaluated as occurring at the center of the site to represent average noise levels generated over the duration of construction across the project site. The nearest residential uses are located approximately 350 feet as measured from the center of the project site. At this distance, maximum construction noise levels would be up to 73 dBA. The average daytime maximum noise level in the vicinity of the sensitive receptors was measured to be 66 dBA, resulting in an increase of 7 dBA. Therefore, project construction would not cause an increase of greater than 12 dBA over existing ambient noise levels.

Noise would also be generated during the construction phase by increased truck traffic on area roadways. A project-generated noise source would be truck traffic associated with transport of heavy materials and equipment to and from the construction site. This noise increase would be of short duration and would occur during daytime hours.

Although construction activities are temporary in nature and would occur during normal daytime working hours, construction-related noise could result in sleep interference at existing noise-sensitive land uses in the vicinity of the construction if construction activities were to occur outside the normal daytime hours. Therefore, impacts resulting from noise levels temporarily exceeding the threshold of significance due to

construction would be considered ***potentially significant***. Mitigation measure 1(a) would reduce construction noise impacts to ***less-than-significant***.

Transportation Noise on Project Site (Non-CEQA Issue)

Exterior Transportation Noise

Compliance with City's standards on new noise-sensitive receptors is not a CEQA consideration. However, this information is provided here so that a determination can be made regarding the ability of the proposed project to meet the requirements of the City of Manteca for exterior and interior noise levels at new sensitive uses proposed under the project.

As shown on **Figure 3**, the proposed outdoor activity areas are predicted to be exposed to exterior transportation noise levels up to approximately 60 dBA L_{dn}. This would comply with the 60 dBA limit for outdoor areas established by the City of Manteca. Therefore, no additional noise control measures would be required.

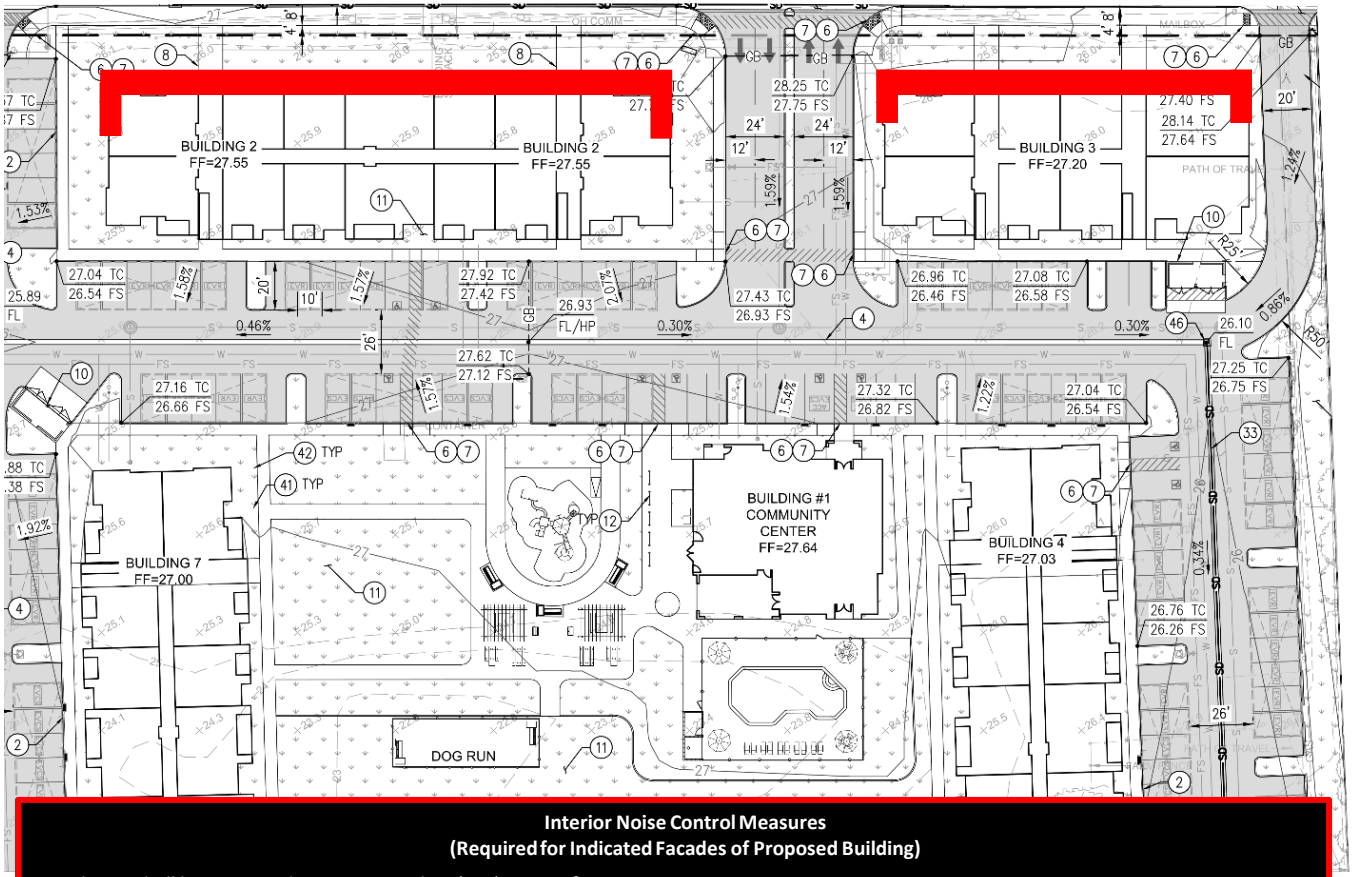
Interior Transportation Noise

Modern building construction methods typically yield an exterior-to-interior noise level reduction of 25 dBA[1]. Therefore, where exterior noise levels are 70 dBA L_{dn}, or less, no additional interior noise control measures are typically required. For this project, exterior noise levels are predicted to be up to 76 dBA L_{dn} up to the third story of the buildings closest to West Yosemite Avenue. This would result in interior noise levels of up to 51 dBA L_{dn} at the third story receivers based on typical building construction. This exceeds the City of Manteca which requires that interior noise levels do not exceed 45 dB L_{dn}. Therefore, additional noise control measures are required to reduce interior noise to acceptable levels.

The proposed residential buildings located along the West Yosemite Avenue frontage shall be designed to achieve a 45 dBA L_{dn} interior noise level to satisfy the requirements of the City of Manteca. **Figure 6** shows the locations of facades requiring acoustic upgrades. **Appendix D** provides an estimate of interior noise control measures required to meet the applicable standards. It should be noted that interior noise control measures are based upon an estimate of the future residence layouts. These assumptions should be verified once floor plans become available for an accurate assessment of interior noise control measures.

[1] Assuming standard construction with a minimum STC rating of 29 for exterior window assemblies

Note: Standard construction is sufficient for project units that do not need acoustical upgrades. Standard construction assumes a minimum STC rating of 29 for exterior window assemblies.



Interior Noise Control Measures
(Required for Indicated Facades of Proposed Building)

- *Glazing shall have a sound transmission class (STC) rating of 38 minimum;*
- *Exterior finish shall be stucco with sheathing;*
- *Interior gypsum at exterior walls shall be 5/8" hung on resilient channel or double stud walls;*
- *Ceiling gypsum shall be 5/8";*
- *Mechanical ventilation shall be installed in all residential uses to allow residents to keep doors and windows closed, as desired for acoustical isolation;*
- *No PTAC's shall be used.*

West Yosemite Avenue Apartments

City of Manteca, California

Figure 6

Interior Noise Control Measures

Legend

Facades Needing Acoustic Upgrades

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Mitigation Measures

1(a) The City shall establish the following as conditions of approval for any permit that results in the use of construction equipment:

- Restrict construction activities to the hours of 7:00 a.m. to 7:00 p.m. on Monday through Friday, and 8:00 a.m. to 6:00 p.m. on Saturdays. No construction shall be permitted outside of these hours or on Sundays or federal holidays, without a specific exemption issued by the City. No exemption shall be issued for construction within 200 feet of residential uses. All construction equipment powered by internal combustion engines shall be properly muffled and maintained.
- A Construction Noise Management Plan shall be submitted by the applicant for construction projects that exceed ambient noise levels by more than 12 dBA or produce perceptible vibrations at any off-site structures. The Construction Noise Management Plan shall include proper posting of construction schedules, appointment of a noise 9. Safety 9-19 Adoption Draft disturbance coordinator, methods for assisting in noise reduction measures, and shall establish allowed truck routes to access the site that minimize exposure of residential areas to heavy truck traffic.
- Noise reduction measures shall include, but are not limited to, the following:

  a. Equipment and trucks used for project construction shall utilize the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures and acoustically attenuating shields or shrouds) wherever feasible.

  b. Except as provided herein, impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for project construction shall be hydraulically or electrically powered to avoid noise associated with compressed air exhaust from pneumatically powered tools. However, where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. This muffler can lower noise levels from the exhaust by up to about 10 dBA. External jackets on the tools themselves shall be used, if such jackets are commercially available. This would achieve a reduction of up to 5 dBA. Quieter procedures shall be used, such as drills rather than impact equipment, whenever such procedures are available and consistent with construction procedures.

  c. Temporary power poles or zero-emission power sources shall be used instead of generators where feasible.

  d. Stationary noise sources shall be located as far from adjacent properties as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or use other measures as determined by the City to provide equivalent noise reduction.

  e. The noisiest phases of construction shall be limited to less than 10 days at a time. Exceptions may be allowed if the City determines an extension is necessary and all available noise reduction controls are implemented.

  f. Delivery of materials shall observe the hours of operation described above

  g. Truck traffic shall avoid residential areas to the greatest extent feasible.

Implementation of mitigation measure 1(a) would help to reduce construction-generated noise levels. With mitigation, this impact would be considered ***less-than-significant***.

Recommended Condition of Approval

Prior to approval of project improvement plans, the plans for the proposed project shall show that the proposed residential buildings located along the West Yosemite Avenue frontage shall be designed to achieve an interior noise level of 45 dBA L_{dn} or less to meet the City of Manteca interior noise level standard. ***Figure 6*** *shows the locations of facades requiring acoustic upgrades.* ***Appendix D*** *provides an estimate of interior noise control measures required to meet the applicable standards. It should be noted that interior noise control measures are based upon an estimate of the future residence layouts. These assumptions should be verified once floor plans become available for an accurate assessment of interior noise control measures.*

Impact 2: ***Would the project generate excessive groundborne vibration or groundborne noise levels?***

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

The **Table 5** data indicate that construction vibration levels anticipated for the project are less than the 0.2 in/sec threshold at distances of 26 feet. Sensitive receptors which could be impacted by construction related vibrations, especially vibratory compactors/rollers, are located further than 26 feet from typical construction activities. At distances greater than 26 feet construction vibrations are not predicted to exceed acceptable levels. Additionally, construction activities would be temporary in nature and would likely occur during normal daytime working hours.

This is a **less-than-significant** impact and no mitigation is required.

Impact 3: ***For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?***

There are no airports within two miles of the project vicinity. Therefore, this impact is not applicable to the proposed project.

REFERENCES

American National Standards Institute. (1998). *[Standard] ANSI S1.43-1997 (R2007): Specifications for integrating-averaging sound level meters*. New York: Acoustical Society of America.

American Standard Testing Methods, *Standard Guide for Measurement of Outdoor A-Weighted Sound Levels, American Standard Testing Methods (ASTM) E1014-08*, 2008.

ASTM E1014-12. *Standard Guide for Measurement of Outdoor A-Weighted Sound Levels*. ASTM International. West Conshohocken, PA. 2012.

ASTM E1780-12. *Standard Guide for Measuring Outdoor Sound Received from a Nearby Fixed Source.* ASTM International. West Conshohocken, PA. 2012.

Barry, T M. (1978). *FHWA highway traffic noise prediction model* (FHWA-RD-77-108). Washington, DC: U.S. Department of transportation, Federal highway administration, Office of research, Office of environmental policy.

California Department of Transportation (Caltrans), *Technical Noise Supplement, Traffic Noise Analysis Protocol*, September 2013.

California Department of Transportation (Caltrans), *Traffic Noise Analysis Protocol*, May 2011.

Egan, M. D. (1988). Architectural acoustics. United States of America: McGraw-Hill Book Company.

Federal Highway Administration. *FHWA Roadway Construction Noise Model User's Guide.* FHWA-HEP-05-054 DOT-VNTSC-FHWA-05-01. January 2006.

Hanson, Carl E. (Carl Elmer). (2006). *Transit noise and vibration impact assessment*. Washington, DC: U.S. Department of Transportation, Federal Transit Administration, Office of Planning and Environment.

International Electrotechnical Commission. Technical committee 29: Electroacoustics. International Organization of Legal Metrology. (2013). *Electroacoustics: Sound level meters*.

International Organization for Standardization. (1996). *Acoustic - ISO 9613-2: Attenuation of sound during propagation outdoors. Part 2: General methods of calculation*. Ginevra: I.S.O.

Miller, L. N., Bolt, Beranek, & and Newman, Inc. (1981). *Noise control for buildings and manufacturing plants*. Cambridge, MA: Bolt, Beranek and Newman, Inc.

SoundPLAN. SoundPLAN GmbH. Backnang, Germany. http://www.soundplan.eu/english/

Appendix A: Acoustical Terminology

Acoustics	The science of sound.
Ambient Noise	The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.
ASTC	Apparent Sound Transmission Class. Similar to STC but includes sound from flanking paths and correct for room reverberation. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Attenuation	The reduction of an acoustic signal.
A-Weighting	A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.
Decibel or dB	Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.
CNEL	Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by +5 dBA and nighttime hours weighted by +10 dBA.
DNL	See definition of Ldn.
IIC	Impact Insulation Class. An integer-number rating of how well a building floor attenuates impact sounds, such as footsteps. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Frequency	The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).
Ldn	Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.
Leq	Equivalent or energy-averaged sound level.
Lmax	The highest root-mean-square (RMS) sound level measured over a given period of time.
L(n)	The sound level exceeded a described percentile over a measurement period. For instance, an hourly L50 is the sound level exceeded 50% of the time during the one-hour period.
Loudness	A subjective term for the sensation of the magnitude of sound.
NIC	Noise Isolation Class. A rating of the noise reduction between two spaces. Similar to STC but includes sound from flanking paths and no correction for room reverberation.
NNIC	Normalized Noise Isolation Class. Similar to NIC but includes a correction for room reverberation.
Noise	Unwanted sound.
NRC	Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.
RT60	The time it takes reverberant sound to decay by 60 dB once the source has been removed.
Sabin	The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.
SEL	Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train pass by, that compresses the total sound energy into a one-second event.
SPC	Speech Privacy Class. SPC is a method of rating speech privacy in buildings. It is designed to measure the degree of speech privacy provided by a closed room, indicating the degree to which conversations occurring within are kept private from listeners outside the room.
STC	Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations. The STC rating is typically used to rate the sound transmission of a specific building element when tested in laboratory conditions where flanking paths around the assembly don't exist. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.
Threshold of Hearing	The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.
Threshold of Pain	Approximately 120 dB above the threshold of hearing.
Impulsive	Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.
Simple Tone	Any sound which can be judged as audible as a single pitch or set of single pitches.

Appendix B: Continuous Ambient Noise Measurement Results

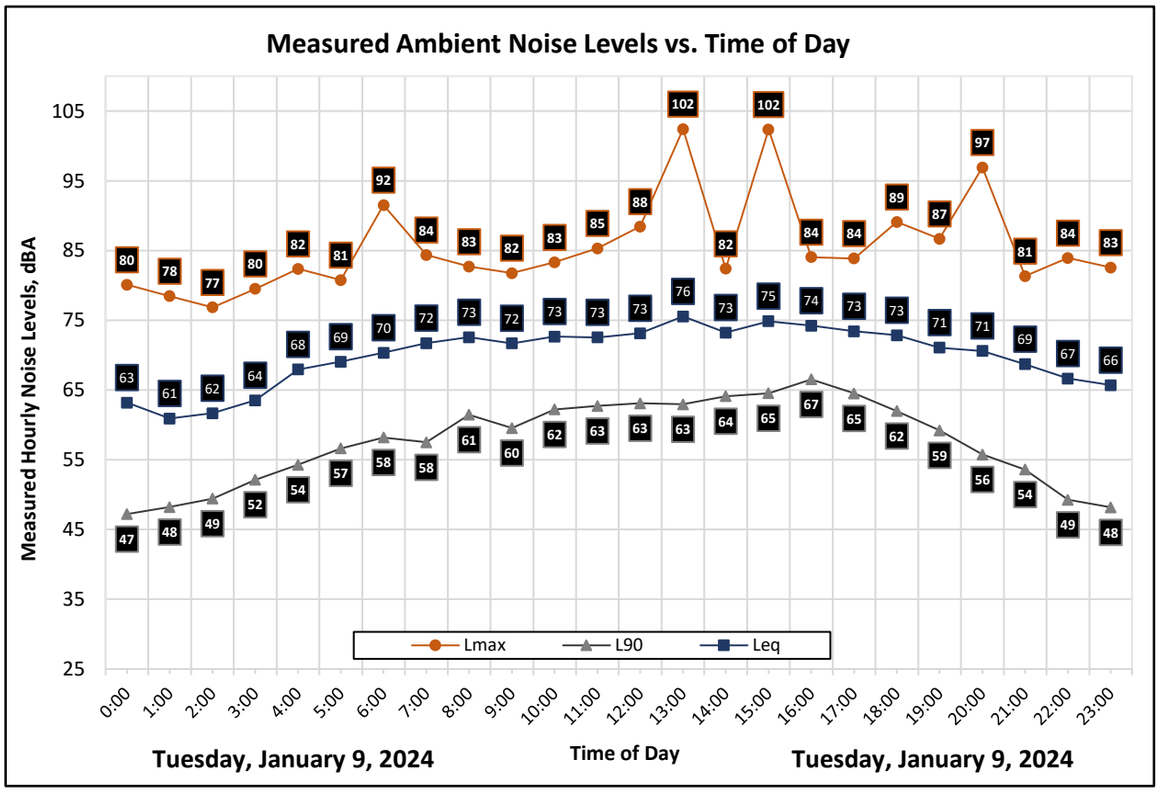


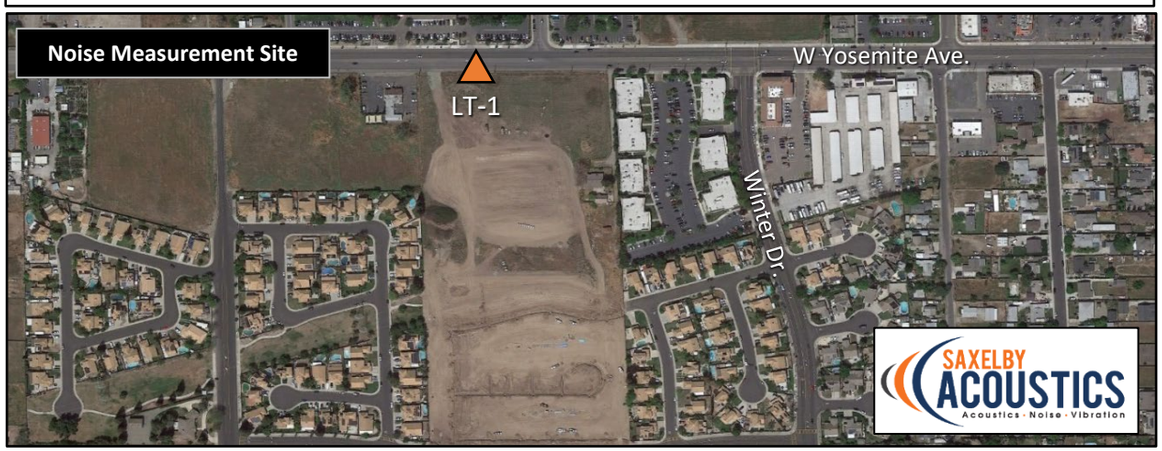
Appendix B1: Continuous Noise Monitoring Results

Site: LT-1
Project: West Yosemite Avenue Project
Meter: LDL 812-2
Location: Northern Project Boundary
Calibrator: CAL200
Coordinates: (37.7972220, -121.2456332)

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Tuesday, January 9, 2024	0:00	63	80	52	47
Tuesday, January 9, 2024	1:00	61	78	52	48
Tuesday, January 9, 2024	2:00	62	77	52	49
Tuesday, January 9, 2024	3:00	64	80	56	52
Tuesday, January 9, 2024	4:00	68	82	61	54
Tuesday, January 9, 2024	5:00	69	81	64	57
Tuesday, January 9, 2024	6:00	70	92	67	58
Tuesday, January 9, 2024	7:00	72	84	69	58
Tuesday, January 9, 2024	8:00	73	83	71	61
Tuesday, January 9, 2024	9:00	72	82	70	60
Tuesday, January 9, 2024	10:00	73	83	71	62
Tuesday, January 9, 2024	11:00	73	85	71	63
Tuesday, January 9, 2024	12:00	73	88	72	63
Tuesday, January 9, 2024	13:00	76	102	72	63
Tuesday, January 9, 2024	14:00	73	82	72	64
Tuesday, January 9, 2024	15:00	75	102	73	65
Tuesday, January 9, 2024	16:00	74	84	73	67
Tuesday, January 9, 2024	17:00	73	84	72	65
Tuesday, January 9, 2024	18:00	73	89	71	62
Tuesday, January 9, 2024	19:00	71	87	69	59
Tuesday, January 9, 2024	20:00	71	97	66	56
Tuesday, January 9, 2024	21:00	69	81	64	54
Tuesday, January 9, 2024	22:00	67	84	58	49
Tuesday, January 9, 2024	23:00	66	83	56	48

Statistics	Leq	Lmax	L50	L90
Day Average	73	88	70	61
Night Average	67	82	57	52
Day Low	69	81	64	54
Day High	76	102	73	67
Night Low	61	77	52	47
Night High	70	92	67	58
Ldn	74	Day %		89
CNEL	75	Night %		11



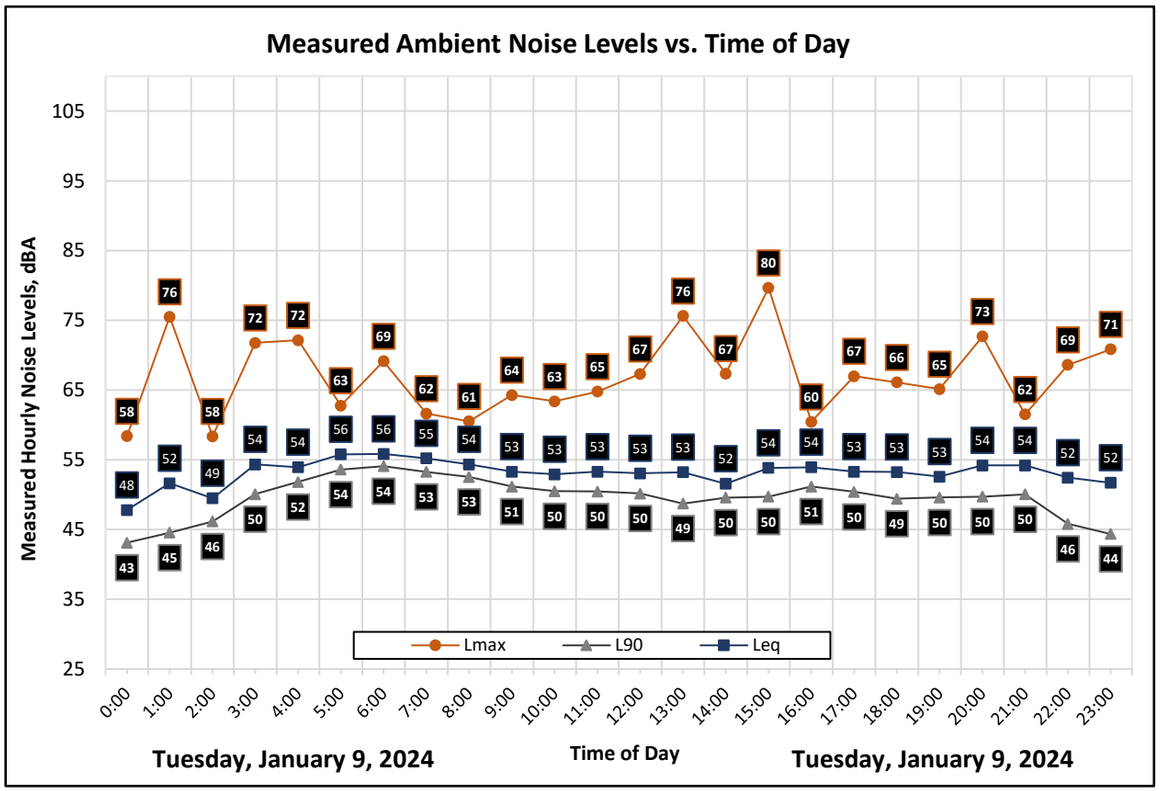


Appendix B2: Continuous Noise Monitoring Results

Site: LT-2
Project: West Yosemite Avenue Project
Meter: LDL 820-1
Location: Western Project Boundary
Calibrator: CAL200
Coordinates: (37.7962018, -121.2460171)

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Tuesday, January 9, 2024	0:00	48	58	46	43
Tuesday, January 9, 2024	1:00	52	76	47	45
Tuesday, January 9, 2024	2:00	49	58	49	46
Tuesday, January 9, 2024	3:00	54	72	53	50
Tuesday, January 9, 2024	4:00	54	72	54	52
Tuesday, January 9, 2024	5:00	56	63	55	54
Tuesday, January 9, 2024	6:00	56	69	55	54
Tuesday, January 9, 2024	7:00	55	62	55	53
Tuesday, January 9, 2024	8:00	54	61	54	53
Tuesday, January 9, 2024	9:00	53	64	53	51
Tuesday, January 9, 2024	10:00	53	63	52	50
Tuesday, January 9, 2024	11:00	53	65	52	50
Tuesday, January 9, 2024	12:00	53	67	52	50
Tuesday, January 9, 2024	13:00	53	76	51	49
Tuesday, January 9, 2024	14:00	52	67	51	50
Tuesday, January 9, 2024	15:00	54	80	51	50
Tuesday, January 9, 2024	16:00	54	60	54	51
Tuesday, January 9, 2024	17:00	53	67	53	50
Tuesday, January 9, 2024	18:00	53	66	52	49
Tuesday, January 9, 2024	19:00	53	65	52	50
Tuesday, January 9, 2024	20:00	54	73	53	50
Tuesday, January 9, 2024	21:00	54	62	54	50
Tuesday, January 9, 2024	22:00	52	69	51	46
Tuesday, January 9, 2024	23:00	52	71	50	44

Statistics	Leq	Lmax	L50	L90
Day Average	54	66	53	50
Night Average	53	68	51	48
Day Low	52	60	51	49
Day High	55	80	55	53
Night Low	48	58	46	43
Night High	56	76	55	54
Ldn	59	Day %		66
CNEL	60	Night %		34



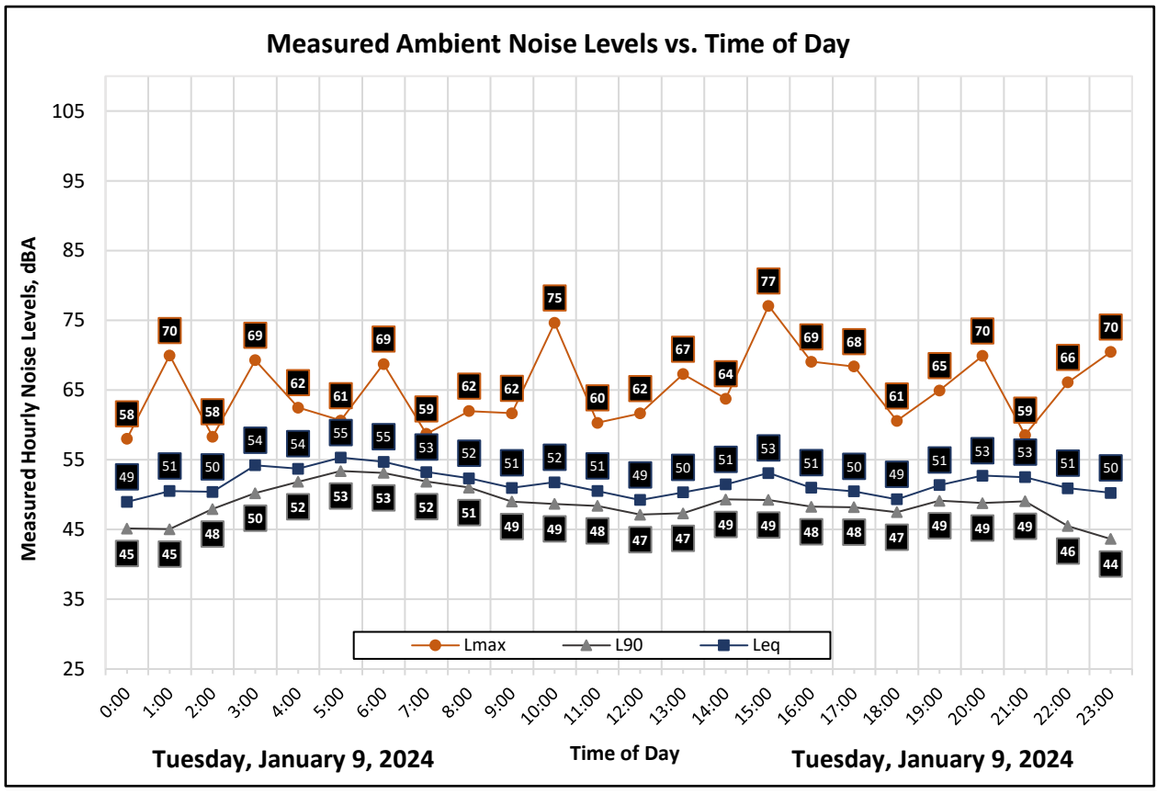


Appendix B3: Continuous Noise Monitoring Results

Site: LT-3
Project: West Yosemite Avenue Project
Meter: LDL 812-3
Location: South Eastern Project Boundary
Calibrator: CAL200
Coordinates: (37.7955055, -121.2440171)

Date	Time	Measured Level, dBA			
		L_{eq}	L_{max}	L_{50}	L_{90}
Tuesday, January 9, 2024	0:00	49	58	48	45
Tuesday, January 9, 2024	1:00	51	70	49	45
Tuesday, January 9, 2024	2:00	50	58	50	48
Tuesday, January 9, 2024	3:00	54	69	53	50
Tuesday, January 9, 2024	4:00	54	62	53	52
Tuesday, January 9, 2024	5:00	55	61	55	53
Tuesday, January 9, 2024	6:00	55	69	54	53
Tuesday, January 9, 2024	7:00	53	59	53	52
Tuesday, January 9, 2024	8:00	52	62	52	51
Tuesday, January 9, 2024	9:00	51	62	51	49
Tuesday, January 9, 2024	10:00	52	75	50	49
Tuesday, January 9, 2024	11:00	51	60	50	48
Tuesday, January 9, 2024	12:00	49	62	48	47
Tuesday, January 9, 2024	13:00	50	67	49	47
Tuesday, January 9, 2024	14:00	51	64	51	49
Tuesday, January 9, 2024	15:00	53	77	52	49
Tuesday, January 9, 2024	16:00	51	69	50	48
Tuesday, January 9, 2024	17:00	50	68	50	48
Tuesday, January 9, 2024	18:00	49	61	49	47
Tuesday, January 9, 2024	19:00	51	65	51	49
Tuesday, January 9, 2024	20:00	53	70	51	49
Tuesday, January 9, 2024	21:00	53	59	52	49
Tuesday, January 9, 2024	22:00	51	66	49	46
Tuesday, January 9, 2024	23:00	50	70	48	44

Statistics	Leq	Lmax	L50	L90
Day Average	52	65	51	49
Night Average	53	65	51	48
Day Low	49	59	48	47
Day High	53	77	53	52
Night Low	49	58	48	44
Night High	55	70	55	53
Ldn	59	Day %		58
CNEL	59	Night %		42





Appendix C: Traffic Noise Calculation Inputs and Results



Appendix C-1

FHWA-RD-77-108 Highway Traffic Noise Prediction Model

Project #: 231006

Description 1758 West Yosemite Avenue

Segment	Segment	ADT	Day %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)	Contours (ft.) - No Offset 60 dBA	65 dBA	70 dBA	Level, dBA
1	Airport Way south of SR 120 EB ramps (Existing)	17,840	76	24	2.0%	1.0%	45	50	0	272	126	59	71.0
1	Airport Way south of SR 120 EB ramps + Project	19,218	76	24	2.0%	1.0%	45	50	0	286	133	62	71.4
												Change:	**0.3**

Appendix D: Exterior to Interior Noise Reduction Calculations

Appendix D1: Interior Noise Calculation Sheet

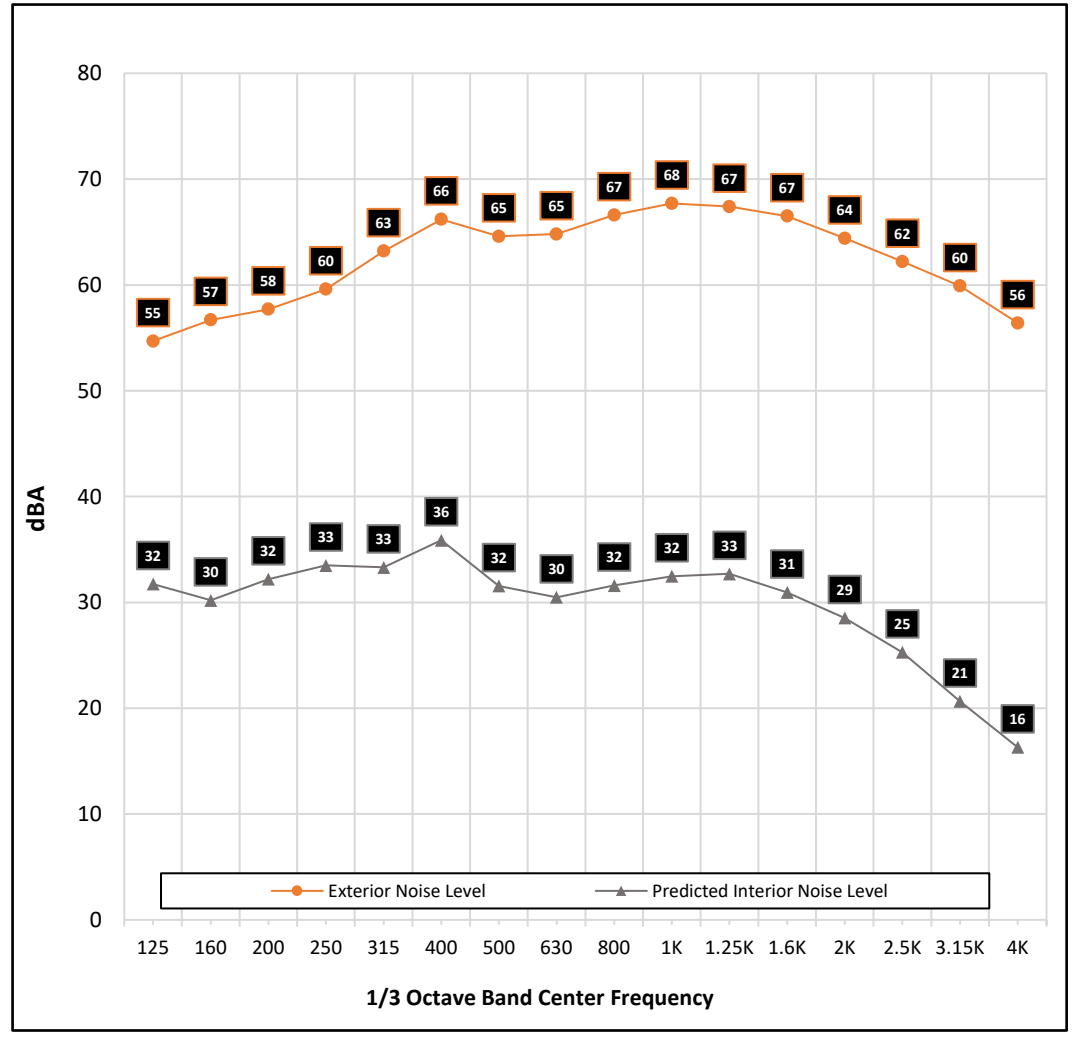
Project: 1758 West Yosemite Avenue Apartments

Room Description: Bedroom

Inputs		
Parallel Exterior level, dBA:	76.0	Ldn
Correction Factor, dBA:	5.0	
Noise Source:	Arterial Traffic	
Room Length, ft:	10.0	
Room Width, ft:	10.0	
Room Height, ft:	9.0	
Transmitting Panel Length, ft:	20.0	
Glazing Area, ft:	24.0	
Ceiling Finish:	Gyp Board	
Ceiling, sf:	100	
Wall Finish 1:	Gyp Board	
Wall Finish 1, sf:	336	
Wall Finish 2:	Glass	
Wall Finish 2, sf:	24	
Floor:	Vinyl Plank	
Floor, sf:	100	
Misc. Finish:	Soft Furnishings	
Misc. Finish, sf:	25	
Transmitting Element 1:	Wall - 1-Coat Stucco, RC 5/8" gyp INSUL	
Element 1, sf:	156	
Transmitting Element 2:	Glazing - STC 38	
Element 2, sf:	24	
Transmitting Element 3:		
Element 3, sf:		
Transmitting Element 4:		
Element 4, sf:		

Predicted Interior Noise Level, dBA: 44

Noise Reduction, dBA: -32



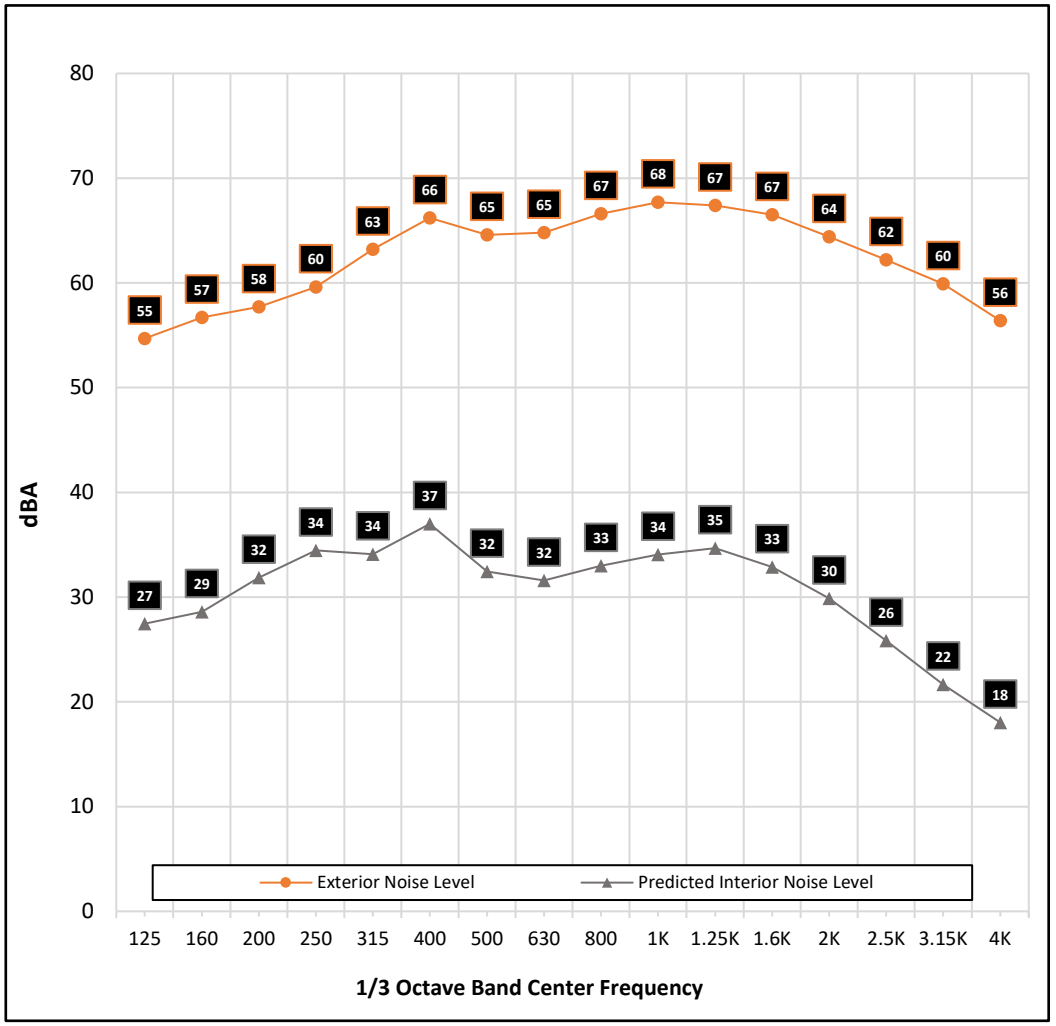
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Appendix D2: Interior Noise Calculation Sheet

Project: 1758 West Yosemite Avenue Apartments
Room Description: Living Room

Inputs		
Parallel Exterior level, dBA:	76.0	Ldn
Correction Factor, dBA:	5.0	
Noise Source:	Arterial Traffic	
Room Length, ft:	15.0	
Room Width, ft:	20.0	
Room Height, ft:	9.0	
Transmitting Panel Length, ft:	15.0	
Glazing Area, ft:	72.0	
Ceiling Finish:	Gyp Board	
Ceiling, sf:	300	
Wall Finish 1:	Gyp Board	
Wall Finish 1, sf:	558	
Wall Finish 2:	Glass	
Wall Finish 2, sf:	72	
Floor:	Vinyl Plank	
Floor, sf:	300	
Misc. Finish:	Soft Furnishings	
Misc. Finish, sf:	25	
Transmitting Element 1:	Wall - 1-Coat Stucco, RC 5/8" gyp INSUL	
Element 1, sf:	63	
Transmitting Element 2:	Glazing - STC 38	
Element 2, sf:	72	
Transmitting Element 3:		
Element 3, sf:		
Transmitting Element 4:		
Element 4, sf:		

Predicted Interior Noise Level, dBA: 44
Noise Reduction, dBA: -32



APPENDIX F

TRANSPORTATION ANALYSIS REPORT

Pacific West Yosemite Apartments

Transportation Analysis Report

Prepared for:
Raney Planning & Management

City of Manteca

Submitted on:
July 25, 2025

RS23-4307

Fehr & Peers

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1. Introduction

This study addresses the potential transportation impacts associated with the proposed Pacific West Apartments project located at 1758 West Yosemite Avenue in the City of Manteca. This study evaluates vehicle miles traveled (VMT), morning and evening peak hour intersection traffic operations, site access, and access to bicycle, pedestrian, and transit facilities. This report documents the methodologies, inputs, and results of the analysis.

1.1 Project Description

The proposed project would be located on a 10.26-acre site on the south side of Yosemite Avenue opposite the Kaiser Permanente Manteca Medical Center. The project site is also bounded by a single-family residential neighborhood to the south, an office/business park to the east, and the Masa Latina restaurant and a vacant parcel to the west. **Figure 1** shows the location of the project site.

The project proposes a 216-unit multi-family residential complex consisting of one-, two-, and three-bedroom dwelling units and supporting amenities for residents, including a community center, tot lot, dog run, and pool. The density of the project would be approximately 21 units per acre.

The project site would be accessed via the following two driveways along West Yosemite Avenue:

- The “East Driveway” would serve as the primary driveway and function as the south leg to the existing West Yosemite Avenue / St. Dominics Drive intersection. The project site plan shown in **Figure 2** shows this driveway has two entry lanes and two exit lanes, which this study assumes would be a left-turn lane and a shared through-right turn lane.
- The “West Driveway” would be a secondary driveway about 325 feet west of St. Dominics Drive (measured centerline to centerline). **Figure 2** shows this driveway would be 26 feet wide, and permit right-turns into and out of the driveway, as well as left-turns into the site. However, this study assumes left-turns from the driveway onto westbound Yosemite Avenue would be prohibited.

In addition to the two driveways described above, the project site plan shows emergency vehicle access (EVA) points at the northeast corner of the site on West Yosemite Avenue about 150 feet east of St. Dominics Drive and at the southwest corner of the site toward Marino Way.

Figure 2 displays the project site plan.

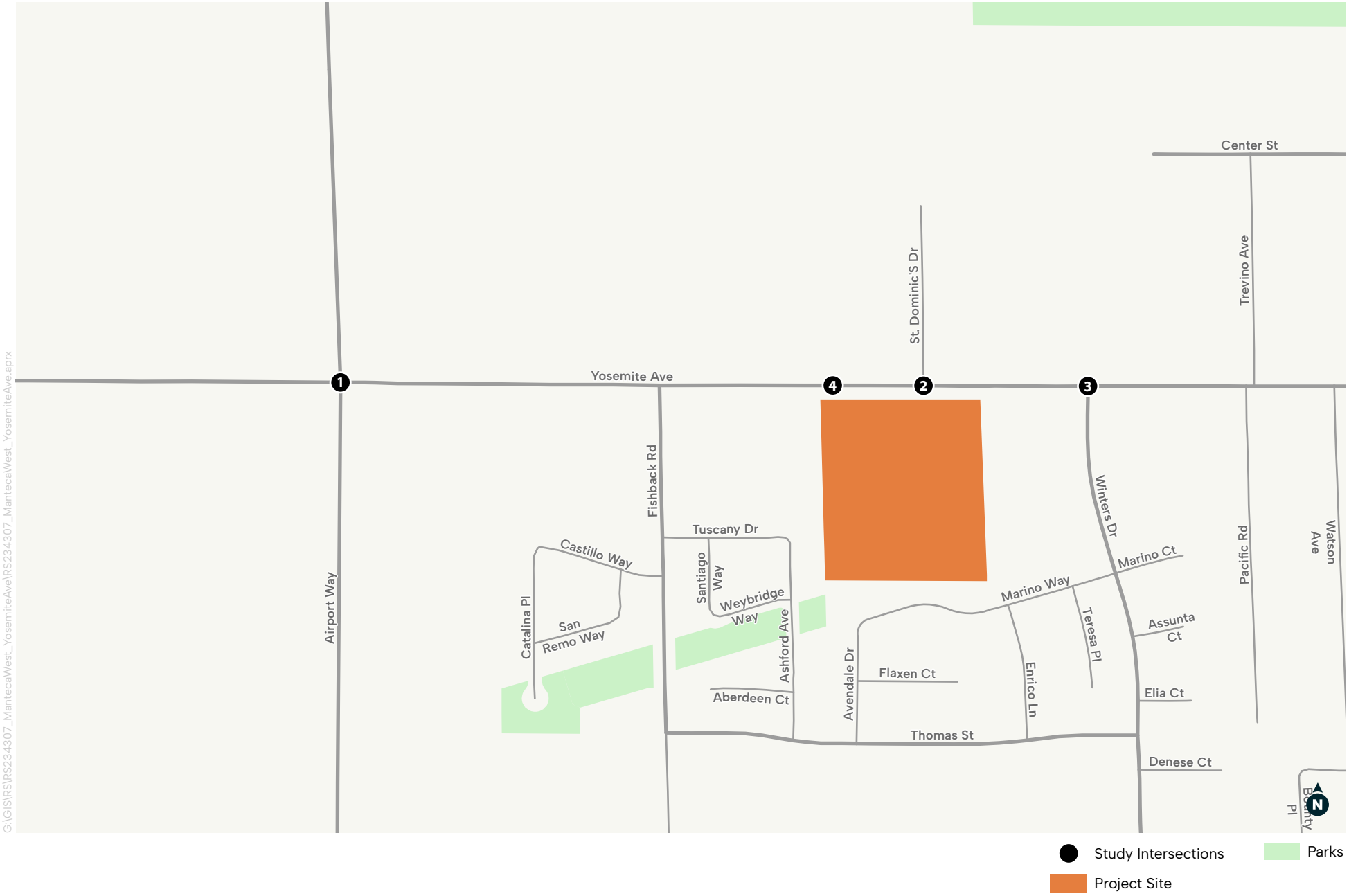
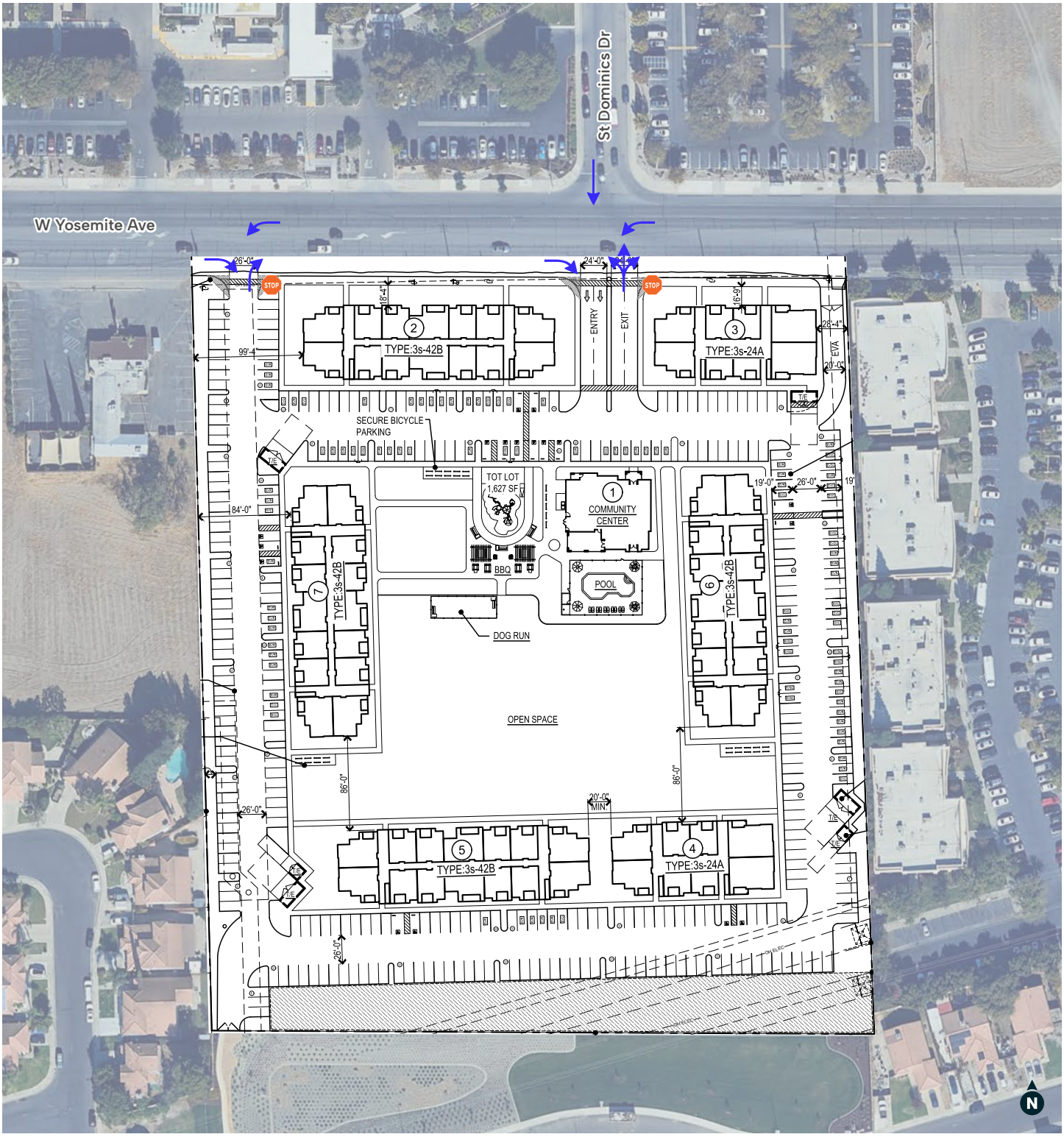


FIGURE 1

Project Study Location

Fehr & Peers



Permitted Driveway Turning Movement

Stop Sign

FIGURE 2

Project Site Plan

Fehr & Peers

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2. Vehicle Miles Traveled

This chapter describes the significance criteria and the methodology used to evaluate project impacts related to vehicle miles traveled (VMT).

2.1 Applicable Policies and Significance Criteria

Senate Bill 743

Senate Bill (SB) 743 was signed into law in 2013 and prompted revisions to the CEQA Guidelines that affected the evaluation of transportation impacts for CEQA analyses. Notably, the revised CEQA Guidelines states that generally, VMT is the most appropriate measure of transportation impacts, and that a project's effect on automobile delay shall not constitute a significant environmental impact. In response to SB 743 and the revised CEQA Guidelines, agencies across California prepared guidelines to outline methodology and thresholds for assessing transportation impacts for projects within their jurisdiction.

City of Manteca 2022 SB 743 Implementation Policy

The City of Manteca *2022 SB 743 Implementation Policy* report dated July 18, 2022 outlines the City's adopted guidelines for transportation impact analysis, including VMT impact assessment. Section 2.1 Land Use Projects in the *SB 743 Implementation Policy* provides guidance for analyzing VMT for individual land use projects. This study applies the methodology and thresholds identified in the *SB 743 Implementation Policy* report.

Per the *SB 743 Implementation Policy*, the City of Manteca has selected to measure VMT by land use type. For multi-family residential projects, the VMT performance metric is VMT per multi-family dwelling unit.

The *SB 743 Implementation Policy* also states that the City of Manteca has selected a significance threshold of 15 percent below City-wide baseline VMT per dwelling unit for residential land uses. Table 2.1.3-1 in the City's SB 743 Implementation Policy identifies the City-wide baseline VMT and "85 percent of baseline" threshold values, which are reproduced in [Table 1] below. The City-wide baseline VMT value shown in [Table 1] is calculated using the City of Manteca Travel Forecasting Model. Therefore, this study also estimates the proposed project's VMT using the City of Manteca Travel Forecasting Model to ensure the project VMT analysis is consistent with the baseline VMT methodology.

2.2 Project VMT Analysis

Table 1 summarizes the results of the VMT analysis for the proposed project. As shown, the project's VMT per dwelling unit is less than the City of Manteca VMT threshold for multi-family residential land development projects. Therefore, the project would have a less than significant impact on VMT per the methodology outlined in the City of Manteca *SB 743 Implementation Policy*.

Table 1. Project VMT per Dwelling Unit Analysis

VMT per Multi-family dwelling unit			
City-wide Baseline[1]	**Threshold of Significance[2]**	**Project VMT[3]**	**Above Threshold of Significance?**
78.6 VMT per MFDU	66.8 VMT per MFDU	64.3 VMT per MFDU	**No: less than significant VMT impact**

Notes:
1. City-wide baseline VMT per multi-family dwelling unit obtained from Table 2.1.3-1 in the Manteca *2022 SB 743 Implementation Policy*.
2. Threshold of significance is 15 percent below the City-wide baseline, or 85 percent of the City-wide baseline as presented in Table 2.1.3-1 in the Manteca *2022 SB 743 Implementation Policy*.
3. Project VMT per multi-family dwelling unit calculated using the City of Manteca Travel Forecasting Model.

MFDU = multi-family dwelling unit
Source: *2022 SB 743 Implementation Policy* (City of Manteca, 2022); Fehr & Peers, 2025.

3. Traffic Operations Analysis

This chapter describes the significance criteria and methodology used to analyze traffic operations and develop traffic forecasts.

3.1 Study Area

This study analyzes weekday AM and PM peak hour traffic operations at the following intersections, which are displayed on Figure 1.

Study Intersections

1. West Yosemite Avenue/Airport Way
2. West Yosemite Avenue/St. Dominics Drive
3. West Yosemite Avenue/Winters Drive
4. West Yosemite Avenue/West Project Driveway (plus project scenarios only)

These intersections were selected based on the project's location, proposed driveways, and generation and spatial distribution of vehicle trips.

Study Scenarios

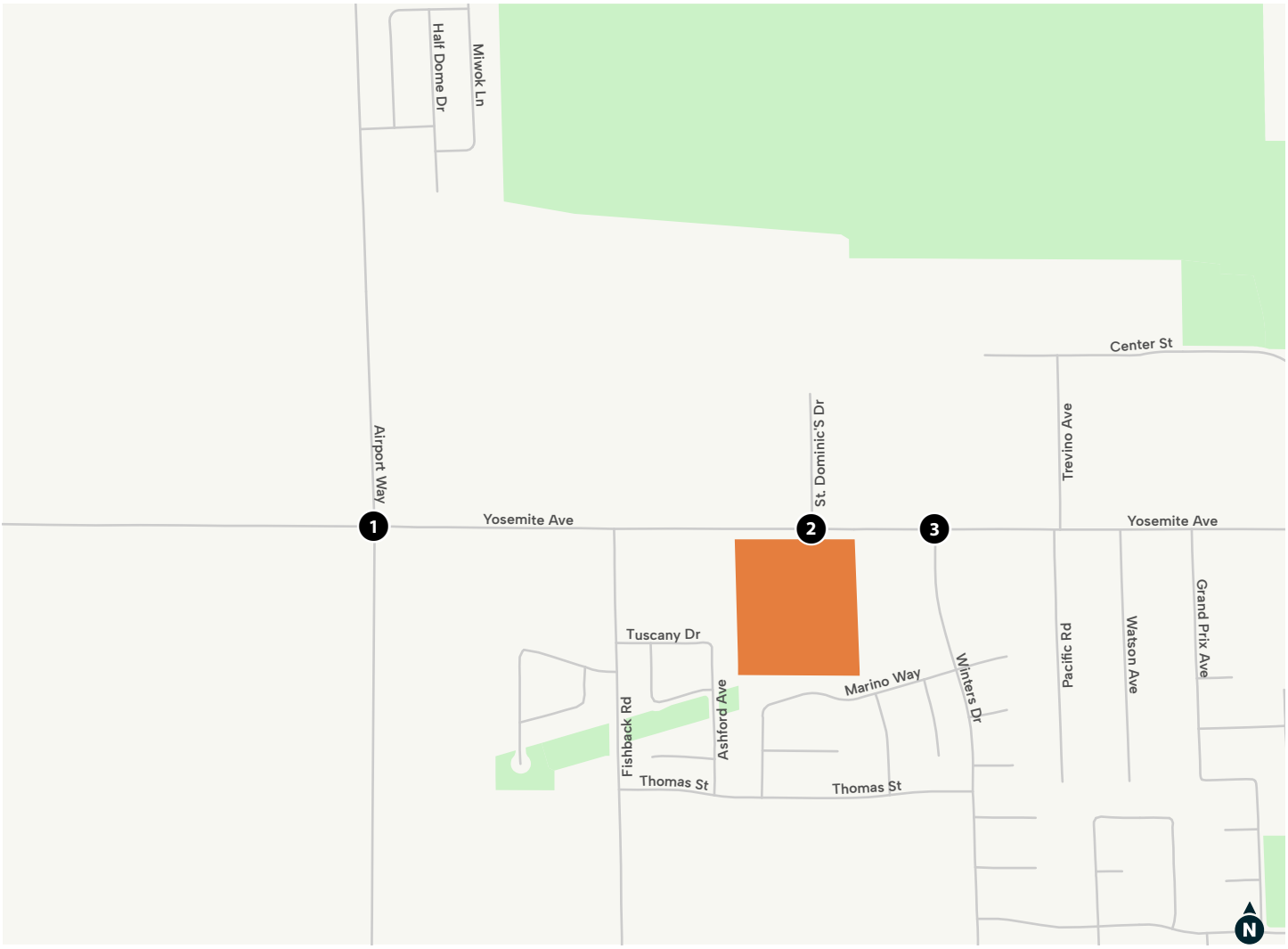
This study analyzes traffic operations at study intersections for the following four scenarios:

- **Existing Conditions** – represents conditions as they existed in February 2024 when baseline traffic count data was collected.
- **Existing Plus Project Conditions** – represents conditions with the trips generated by the proposed project added to traffic volumes collected in February 2024.
- **Cumulative No Project Conditions** - Analyzes "Interim" year (2040) forecasts based on the City of Manteca, Lathrop, and Ripon Travel Forecasting Model, assuming the project site remains in its current undeveloped state.
- **Cumulative Plus Project Conditions** – Analyzes "Interim" year (2040) volumes with the trips generated by the proposed project added to the cumulative no project forecasts.

3.2 Data Collection

Traffic count data at all study intersections was collected in February 2024, when school was in session, and weather conditions were dry. Intersection turning movement counts were conducted during the weekday AM (7:00 to 9:00) and PM (4:00 to 6:00) peak periods. **Figure 3** displays the existing AM and PM peak hour intersection turning movement volumes at the study intersections.

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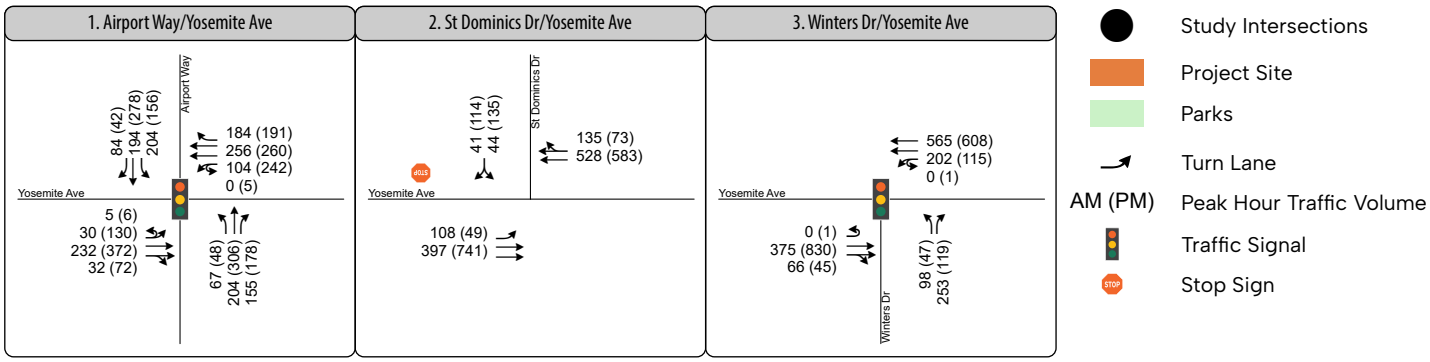


FIGURE 3

Peak Hour Traffic Volumes and Lane Configurations – Existing Conditions

3.3 Analysis Methodology

Traffic Operations

This study analyzes traffic operations at study intersections using procedures and methodologies contained in the *Highway Capacity Manual, 7th Edition* (HCM) (Transportation Research Board, 2016). These methodologies were applied using the Synchro software to analyze traffic operating conditions at the study intersections. Synchro considers traffic volumes, lane configurations, signal timings, signal coordination, and other pertinent parameters of intersection operations.

As previously noted, automobile delay (and metrics based on automobile delay such as vehicle level of service (LOS)) may no longer be used to identify significant transportation impacts in CEQA documents for land use projects. However, this analysis includes a LOS analysis to determine if the proposed project would result in deficient intersection operations per the City of Manteca standards. Policy C-1.2 of the Manteca General Plan states that the City of Manteca strives for a vehicular LOS D or better during weekday AM and PM peak hours to the extent feasible. Policy C-1.3 further states that at the discretion of the City Council, certain locations may be allowed to fall below the City's LOS standard established by C-1.2 under certain specific circumstances.

Vehicular LOS is a qualitative measure of traffic operating conditions and is an indication of the comfort and convenience associated with driving. The HCM defines six levels of service ranging from LOS A (representing free-flow conditions with no congestion) to LOS F (representing severe congestion and delay under stop-and-go conditions). For signalized intersections, roundabouts, and all-way stop-control intersections, LOS is based on the average delay experienced by all vehicles passing through the intersection. For side-street stop-controlled intersections, the delay and LOS for the overall intersection is reported along with the delay for the worst-case movement. **Table 2** displays the delay range associated with each LOS category for signalized and unsignalized intersections.

Table 2. Intersection Level of Service (LOS) Criteria

LOS	Description (for Signalized Intersections)	Average Delay (Seconds/Vehicle) at Signalized Intersections	Average Delay (Seconds/Vehicle) at Unsignalized Intersections
A	Operations with very low delay occurring with favorable traffic signal progression and/or short cycle lengths.	< 10.0	< 10.0
B	Operations with low delay occurring with good progression and/or short cycle lengths.	> 10.0 to 20.0	> 10.0 to 15.0
C	Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.	> 20.0 to 35.0	> 15.0 to 25.0
D	Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, or high V/C ratios. Many vehicles stop and individual cycle failures are noticeable.	> 35.0 to 55.0	> 25.0 to 35.0

Table 2. Intersection Level of Service (LOS) Criteria

LOS	Description (for Signalized Intersections)	Average Delay (Seconds/Vehicle) at Signalized Intersections	Average Delay (Seconds/Vehicle) at Unsignalized Intersections
E	Operations with high delay values indicating poor progression, and long cycle lengths. Individual cycle failures are frequent occurrences. This is considered to be the limit of acceptable delay.	> 55.0 to 80.0	> 35.0 to 50.0
F	Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.	> 80.0	> 50.0

Note: LOS = level of service; V/C ratio = volume-to-capacity ratio
Source: Transportation Research Board, 2016

Travel Forecasts

This study calculates the turning movement forecasts at each study intersection using the City of Manteca travel forecasting model (TFM), and the traffic forecasting adjustment procedure known as the "difference method." This forecasting procedure calculates the future traffic volume for every movement at each study intersection using the following formula:

Future Year (2040) Forecast =
Existing Volume + (Interim General Plan Year 2040 TFM Volume – Base Year TFM Volume)

Base Year (2019) TFM

The Base Year TFM developed for the General Plan Update represents 2019/2020 pre-COVID 19 AM peak hour, PM peak hour, and Average Daily Traffic (ADT) conditions. This study compares the Base Year TFM outputs to the future year TFM outputs to develop future year forecasts as described above.

Interim General Plan Year (2040) Scenario TFM

The Interim Year 2040 TFM was developed based on expected future land use and transportation network for the City of Manteca and adjacent areas in 2040. Similar to other cities in the Central Valley region, the City of Manteca is projecting large amount of growth for both housing and employment in the General Plan Buildout scenarios. The Interim Year 2040 model scenario was developed in coordination with both Manteca and Lathrop to ensure that the TFM represents market-based demand for future growth in both housing (population) and employment and therefore does not underestimate or overestimate traffic demand volumes. The City of Manteca 2040 land use inputs were developed based on the City of Manteca's approved and anticipated projects that will be constructed and occupied by year 2040. The City of Lathrop 2040 land use inputs were developed based on the City's historic rate of growth in households and employment for the past 5 years (2016 to 2020). The location of the growth was allocated across the Lathrop where future growth is anticipated, including the area west of I-5 and south of the State Route (SR) 120 corridor.

4. Existing Conditions

This chapter presents the existing bicycle, pedestrian, and transit facilities in the study area, as well as the existing intersection traffic operations.

4.1 Existing Bicycle and Pedestrian Facilities

The City of Manteca Active Transportation Plan (ATP) (adopted September 1, 2020) defines the following bicycle facility types:

Class I Bikeway: Bike Path

Bike paths, often referred to as shared-use paths or trails, are off-street facilities that provide exclusive use for non-motorized travel, including bicyclists and pedestrians. Bike paths have minimal cross flow with motorists and are typically located along landscaped corridors.

Class II Bikeway: Bike Lane

Class II bike lanes are on-street facilities that use striping, stencils, and signage to denote preferential or exclusive use by bicyclists. On-street bike lanes are located adjacent to motor vehicle traffic.

Class III Bikeway: Bike Route

Class III bike routes are streets with signage and optional pavement markings where bicyclists travel on the shoulder or share a lane with motor vehicles. Class III bike routes are utilized on low-speed and low-volume streets to connect bike lanes or paths along corridors that do not provide enough space for dedicated lanes.

Class III Bikeway: Bicycle Boulevard

Class III bicycle boulevards are similar to Class III bike routes, in that they are primarily utilized on low-speed and low-volume streets, and can close important gaps in the bicycle network where there may be insufficient space for dedicated lanes. Bicycle boulevards provide further enhancements to bike routes to encourage slow speeds and discourage non-local vehicle traffic via traffic diverters, chicanes, traffic circles, and/or speed tables.

Class IV Bikeway: Separated Bikeway

Class IV separated bikeways, commonly known as cycle tracks, are physically separated bicycle facilities that are distinct from the sidewalk and designed for exclusive use by bicyclists. They are located within the street right-of-way, but provide comfort similar to Class I bike paths.

Figure 4 presents the existing bicycle and pedestrian network in the study area.

Figure 4 shows there are no paved sidewalks along the project frontage on West Yosemite Avenue or west of the project site; however, sidewalks are present on West Yosemite Avenue immediately east of the project site. On-street class II bike lanes are also striped on West Yosemite Avenue east of the project site.

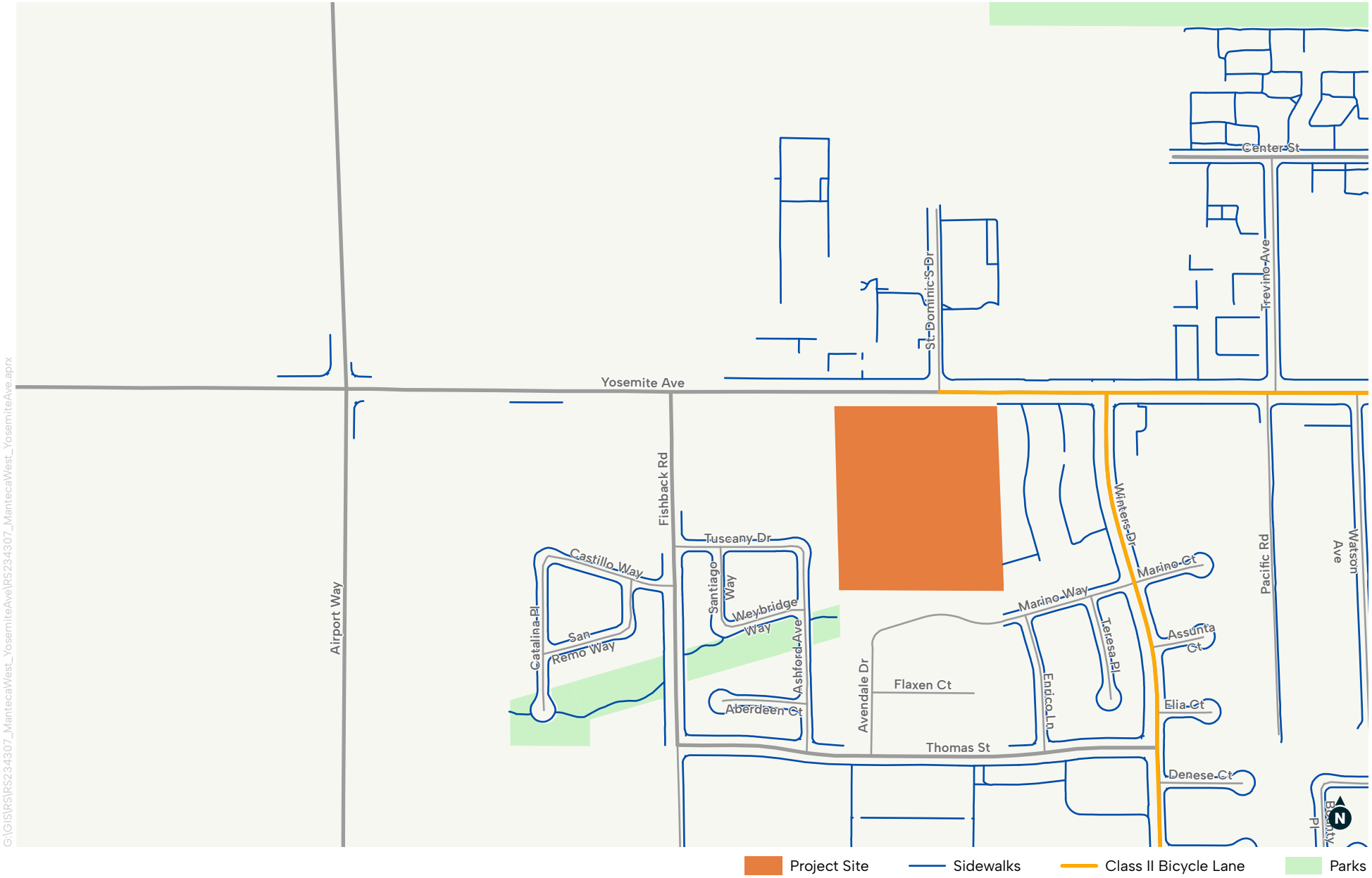


FIGURE 4

Existing Pedestrian and Bicycle Facilities

Fehr & Peers

4.2 Existing Transit Facilities

Figure 5 presents the existing transit network in the study area. Manteca Transit operates a fixed-route and Dial-a-Ride bus service with stops throughout the city. There are six bus stops within a half-mile walking distance of the project site. These six bus stops are served by the following three Manteca Transit bus routes.

- Route 1: This route provides access through central Manteca along Yosemite Avenue. Starting at the Manteca Transit Center, Route 1 travels east towards Vasconcellos Avenue. The route then returns west along Yosemite Avenue to Airport Way and south to the Stadium Center at Daniels Street before circling back to Yosemite Avenue via Fishback Road, Thomas Street, and Winters Drive, and returning to the Transit Center.
- Route 2: This route primarily serves areas south of Yosemite Avenue in Manteca. The bus stop on Winters Drive south of West Yosemite Avenue is the closest stop to the Project site served by Route 2. From this stop, Route 2 travels east toward the Manteca Transit Center via Union Road, Wawona Street, and Main Street. From the Transit Center, Route 2 travels south to Woodward Avenue, then east beyond Woodward Park. Route 2 also provides access to the Promenade Shopping Center and the Stadium Center at Daniels Street on its route west from Woodward Park, generally paralleling SR 120 along Atherton Drive and Daniels Street before circling back toward the project site via Fishback Road, Thomas Street, and Winters Drive.
- Route 4: This route serves areas west of SR 99 in Manteca, traveling clockwise around the western half of the city. From the project site, it generally travels north along Airport Way, then east on Northgate Drive passing by East Union High School, and then south on Main Street to the Manteca Transit Center. From the Transit Center, this route continues south along Main Street, then west on Woodward Avenue, before turning north on Airport Way. North of SR 120, Route 4 diverts off Airport Way via Wawona Street, Fishback Road, and Thomas Street to serve Sierra High School, then turns north on Winters Street and west on West Yosemite Avenue by the Project site before continuing north along Airport Way.

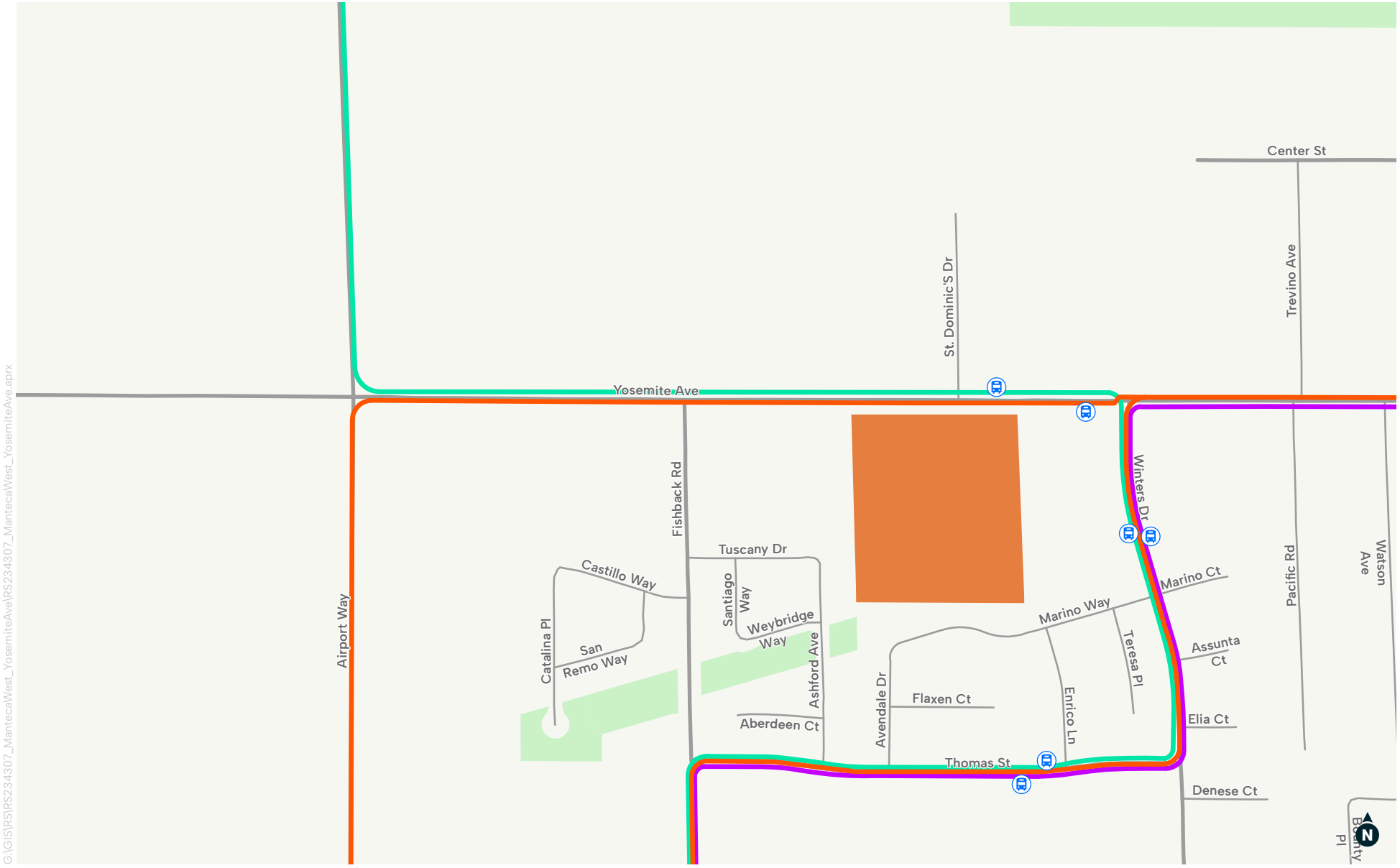


FIGURE 5

Transit Facilities

Fehr & Peers

4.3 Peak Hour Traffic Operations

Table 3 displays the existing AM and PM peak hour operations at the study intersections. Technical calculations are displayed in **Appendix A**.

Table 3: Intersection Operations – Existing Conditions

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/Airport Way	Signal	24.4	C	32.5	C
2. W. Yosemite Avenue/St. Dominics Drive	SSSC	15.4 (1.9)	C (A)	33.2 (5.1)	D (A)
3. W. Yosemite Avenue/Winters Drive	Signal	11.5	B	8.8	A

Notes:
SSSC = Side-Street Stop Control.
Source: Fehr & Peers, 2025

As shown, all intersections currently operate at LOS D or better during the AM and PM peak hours. At the West Yosemite Avenue/St. Dominics Drive intersection, the southbound left-turn leaving the Kaiser Medical Center is the movement with the greatest delay, operating at LOS C in the AM peak hour and LOS D in the PM peak hour.

5. Existing Plus Project Conditions

This chapter presents the results of intersection operations analysis under Existing Plus Project conditions.

5.1 Project Trip Generation

The Project's trip generation was estimated using trip rates published in the *Trip Generation Manual 11th Edition* (Institute of Transportation Engineers, 2021). **Table 4** displays the estimated number of daily, AM peak hour, and PM peak hour vehicle trips for the proposed Project.

Table 4: Project Vehicle Trip Generation

Land Use	Units	Daily	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
Multifamily Housing[1] (ITE Code 220)	216	1,460	90	22	68	113	71	42

Notes: Trip generation based on fitted curve equation obtained from Trip Generation Manual, 11th Edition (Institute of Transportation Engineers, 2021) for multifamily housing (land use code 220).

5.2 Project Trip Distribution & Assignment

This study estimates the distribution of project vehicle trips based on the location of project driveways, existing travel patterns, and outputs from a select zone analysis of the project's travel analysis zone in the City of Manteca Base Year TFM. **Figure 6** presents the project trip distribution.

Project vehicle trips are assigned to the project driveways and study intersections in accordance with the trip generation presented in Table 4 and trip distribution shown in **Figure 6**. The project trip assignment assumes full access at the East Driveway opposite St. Dominics Drive, while the West Driveway would allow right-turn movements into and out of the driveway and left-turn inbound movements, but would not allow outbound left-turn movements. These project trips are then added to the existing volumes to yield the Existing Plus Project turning movement forecasts shown in **Figure 7**.

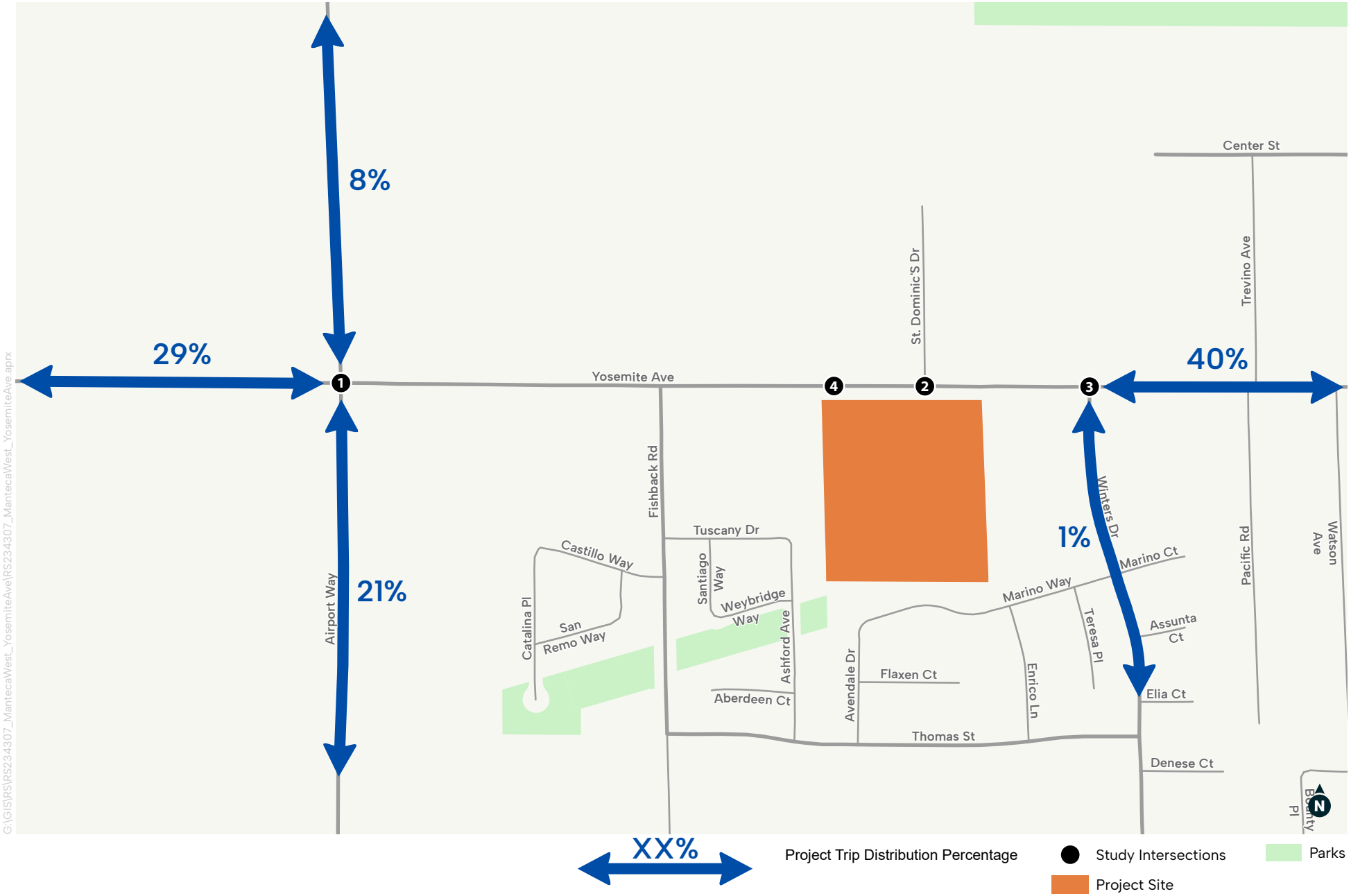


FIGURE 6

Project Trip Distribution

Fehr & Peers

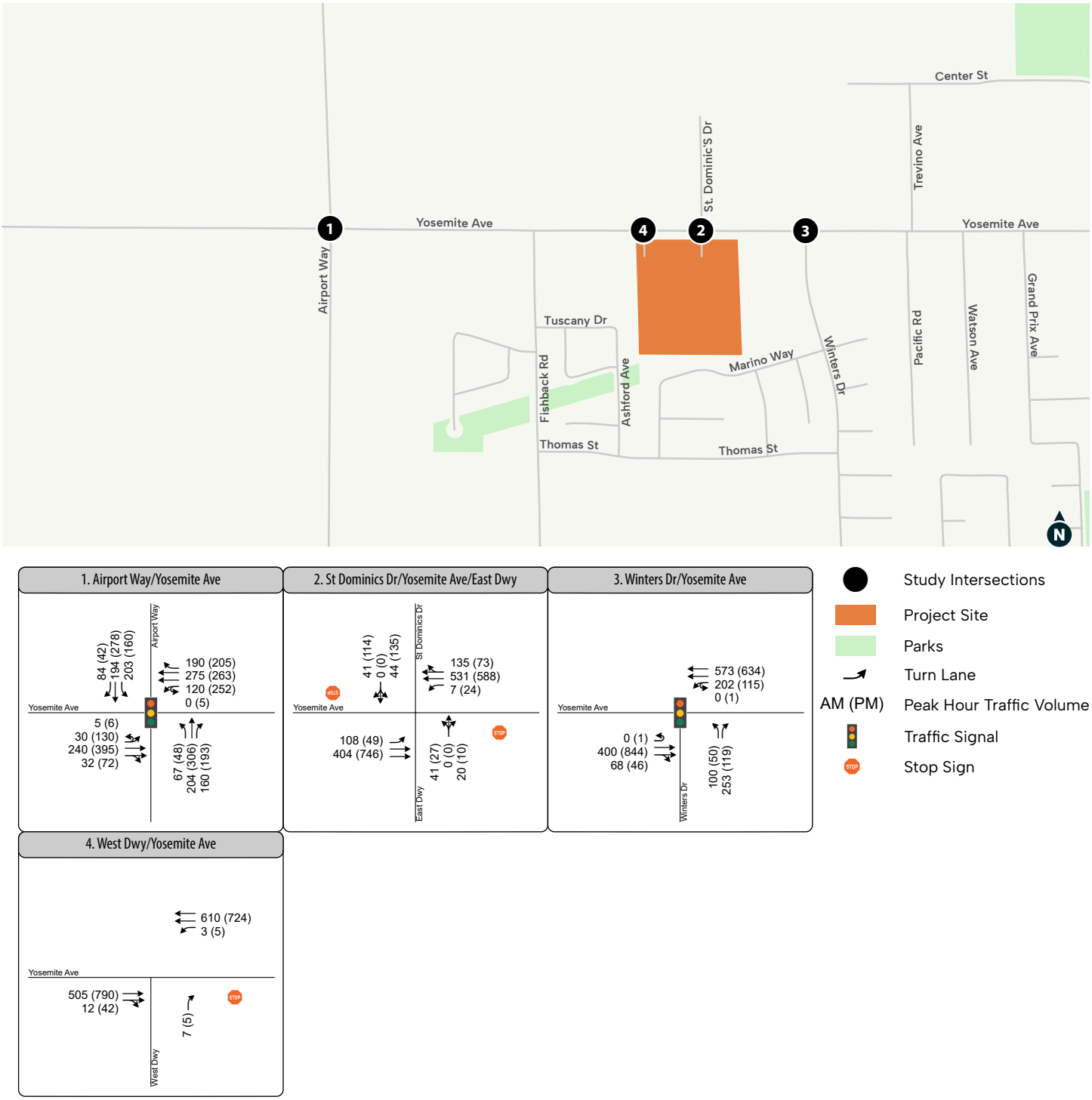


FIGURE 7

Peak Hour Traffic Volumes and Lane Configurations – Existing Plus Project Conditions

5.3 Peak Hour Traffic Operations

Table 5 displays the AM and PM peak hour intersection operations under Existing Plus Project conditions. Technical calculations are displayed in **Appendix A**.

Table 5: Intersection Operations – Existing Plus Project Conditions

Intersection	Control Type	Existing Conditions				Existing Plus Project			
		AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/ Airport Way	Signal	24.4	C	32.5	C	27.1	C	34.3	D
2. W. Yosemite Avenue/ St. Dominics Drive/ East Driveway	SSSC	15.4 (1.9)	C (A)	33.2 (5.1)	D (A)	**52.6** (6.0)	**F** (A)	**57.2** (7.3)	**F** (A)
3. W. Yosemite Avenue/ Winters Drive	Signal	11.5	B	8.8	A	12.6	B	9.3	A
4. W. Yosemite Avenue/ West Driveway	SSSC	Intersection does not exist in this scenario				10.4 (0.1)	B (A)	11.4 (0.1)	B (A)

Notes:
Bold indicates deficient operations.
SSSC = Side-Street Stop Control. Delay that is reported is the movement that experiences the greatest amount of delay.
Source: Fehr & Peers, 2025

Table 5 shows that the West Yosemite Avenue/St. Dominics Drive intersection where the project's East Driveway connects to West Yosemite Avenue would operate at an unacceptable LOS F during the AM and PM peak hours under Existing Plus Project conditions. The other three study intersections would continue to operate at an acceptable LOS D or better during the AM and PM peak hours under Existing Plus Project conditions.

The LOS F operations during the AM peak hour reflect the forecasted average delay for the southbound movements from St. Dominics Drive. These results indicate that the new movements added to the intersection due to the proposed project's East Driveway would cause additional delay for drivers leaving the Kaiser Permanente Manteca Medical Center. The LOS F operations during the PM peak hour reflect the average delay for the northbound left-turn from the project driveway.

The high through volumes on West Yosemite Avenue and more than 200 vehicles on southbound St. Dominics Drive during the PM peak hour cause the West Yosemite Avenue/ St. Dominics Drive intersection to meet the peak hour signal warrant (i.e., Warrant 3B) in Section 4C.04 of the *California Manual on Uniform Traffic Control Devices* (MUTCD, 2014). It is important to note that the MUTCD states that satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic signal; however, satisfaction of one or more signal warrants may indicate conditions where the installation of a traffic signal is justified. The City of Manteca *Public Facilities Improvement Plan* (PFIP) includes installing a traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection. Since the peak hour signal warrant is met, the side-street

approaches operate at an unacceptable LOS, and this intersection is identified for signalization in the Manteca PFIP, this study recommends installing a traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection to reduce delay and improve peak hour traffic operations for the side-street.

Traffic COA #1 – If not already installed prior to project construction, the project applicant shall install the traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection. The project applicant shall pay for the total cost for design and installation of the traffic signal, but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the traffic signal and intersection improvements at West Yosemite Avenue/ St. Dominics Drive shall be reviewed and accepted by the Director of Engineering/City Engineer.

Table 6 displays the AM and PM peak hour intersection operations at the West Yosemite Avenue/ St. Dominics Drive/East Driveway intersection after signalization. As shown, the signalized intersection would operate at LOS B during both the AM and PM peak hours.

Table 6: Intersection Operations – Existing Plus Project with Improvements

Intersection	Control Type	Existing Plus Project with Improvements			
		AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/ St. Dominics Drive/East Driveway	Signal	13.1	B	15	B

Source: Fehr & Peers, 2025

6. Cumulative Conditions Analysis

This chapter presents the results of intersection operations analysis under cumulative conditions. The analysis reflects approved and planned development in the City of Manteca and other nearby jurisdictions according to the Interim General Plan Year 2040 TFM previously described.

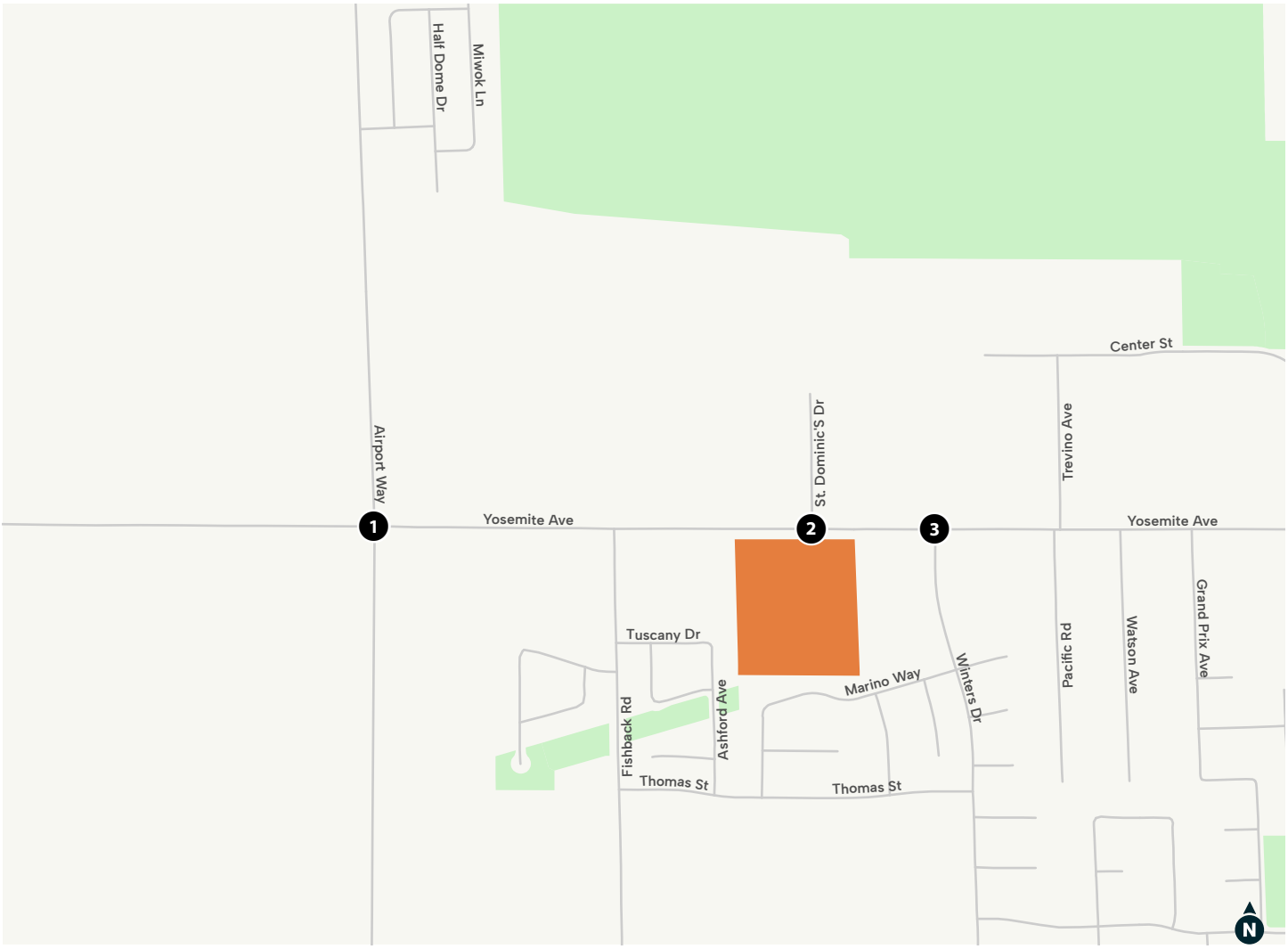
The Cumulative Year analysis assumes the following improvements:

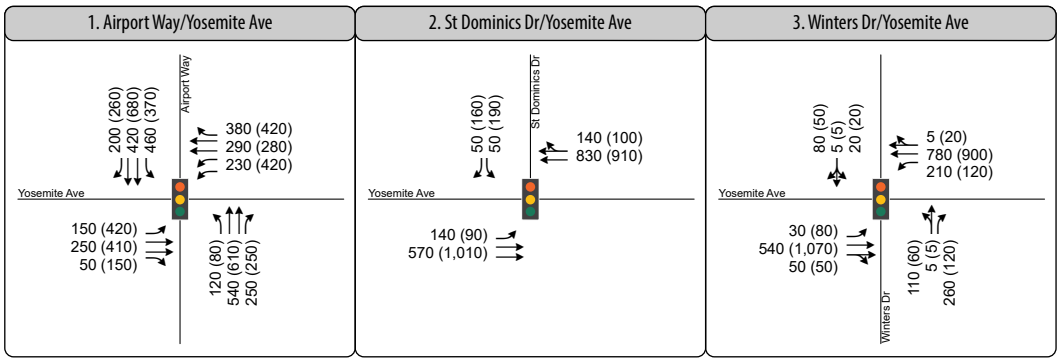
- **Public Facilities Implementation Plan (PFIP) Improvements**: Intersection lane configurations, traffic controls, and roadway improvements identified in the City of Manteca PFIP were assumed to be constructed. This results in modifications at the following locations:
    - Airport Way widened to 6 lanes south of Yosemite Avenue and 4 lanes north of Yosemite Avenue
    - The westbound approach at the West Yosemite Avenue/Airport Way intersection would be widened to include two dedicated left turn lanes.
    - West Yosemite Avenue/St. Dominics Drive intersection modifications and signalization. The southbound approach of St. Dominics Drive would feature separate left-turn and right-turn lanes.

6.1 Cumulative No Project Traffic Operations

The Interim General Plan Year 2040 TFM was used to develop Cumulative No Project intersection volume forecasts. **Figure 8** displays the AM and PM peak hour turning movements and lane configurations at the study intersections under Cumulative No Project conditions.

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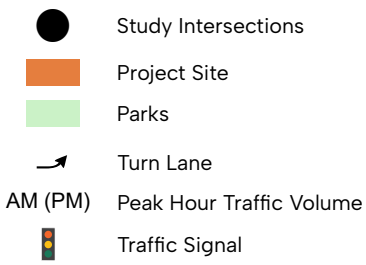


FIGURE 8

Peak Hour Traffic Volumes and Lane Configurations – Cumulative No Project Conditions

Table 7 displays the AM and PM peak hour intersection operations under Cumulative No Project conditions. Technical calculations are displayed on **Appendix A**. With the improvements identified in the City of Manteca PFIP, the West Yosemite Avenue/Airport Way intersection would operate at LOS E during the AM peak hour and LOS F during the PM peak hour. The other two study intersections would operate at LOS B or better during both the AM and PM peak hours.

Table 7: Intersection Operations – Cumulative No Project

Intersection	Control Type	AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/Airport Way	Signal	**65.7**	**E**	**107.5**	**F**
2. W. Yosemite Avenue/St. Dominics Drive	Signal	9.2	A	6.1	A
3. W. Yosemite Avenue/Winters Drive	Signal	11.7	B	10.3	B

Notes:
SSSC = Side-Street Stop Control.
Bold indicates deficient operations.
Source: Fehr & Peers, 2025

6.2 Cumulative Plus Project Traffic Forecasts

Project vehicle trips are assigned to the project driveways and study intersections in accordance with the trip generation presented in Table 4 and trip distribution shown in **Figure 6**. These project trips are then added to the Cumulative No Project forecasts to yield the Cumulative Plus Project turning movement forecasts shown in **Figure 9**.

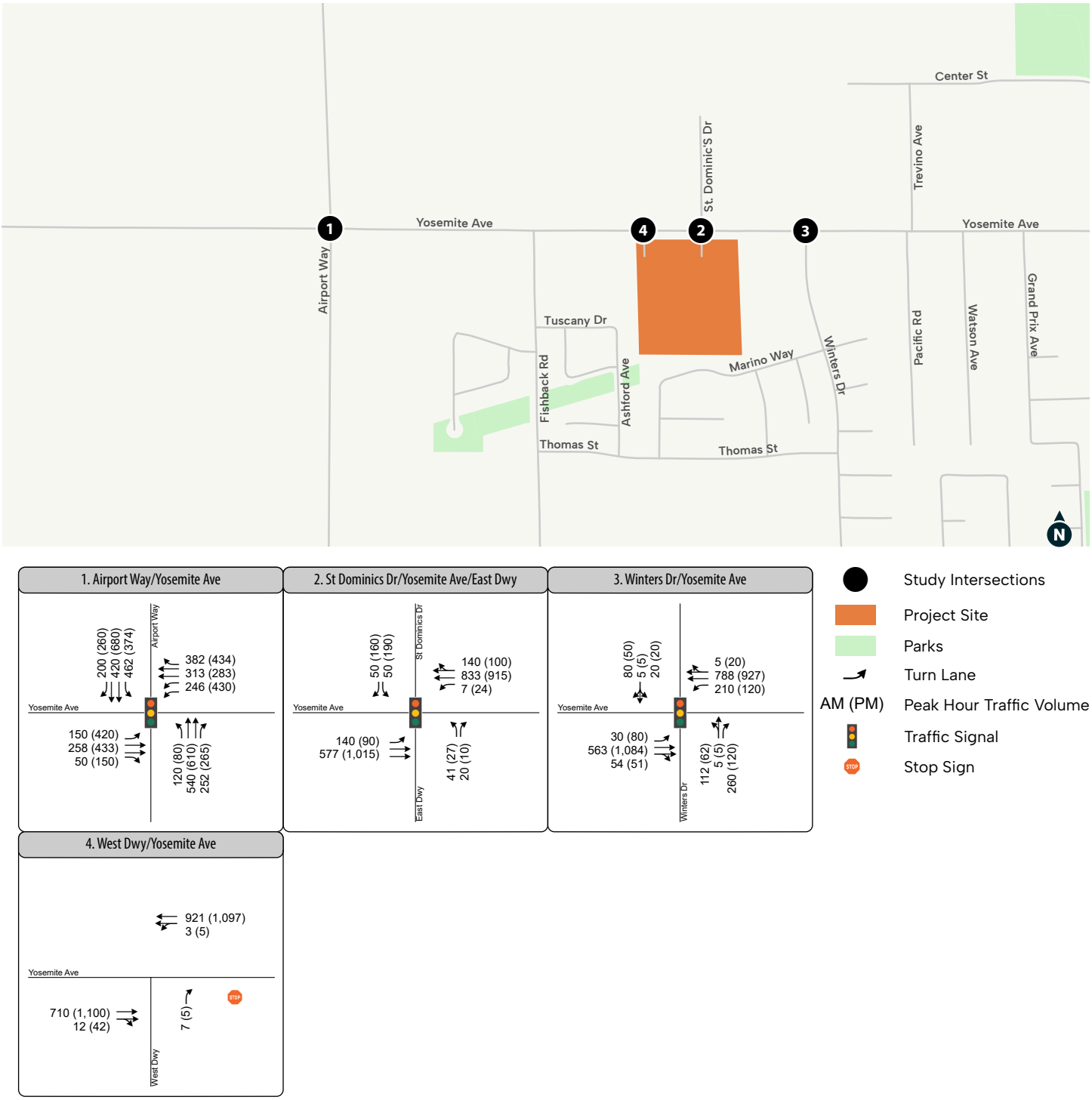


FIGURE 9

Peak Hour Traffic Volumes and Lane Configurations – Cumulative Plus Project Conditions

6.3 Cumulative Plus Project Traffic Operations

Table 8 presents the AM and PM peak hour intersection operations under Cumulative Plus Project conditions. Technical calculations are displayed in **Appendix A**.

Table 8: Intersection Operations – Cumulative Plus Project Conditions

Intersection	Control Type	Cumulative No Project				Cumulative Plus Project			
		AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/ Airport Way	Signal	**65.7**	**E**	**107.5**	**F**	**78.0**	**E**	**119.1**	**F**
2. W. Yosemite Avenue/ St. Dominics Drive	Signal	9.2	A	6.1	A	9.3	A	10.2	B
3. W. Yosemite Avenue/ Winters Drive	Signal	11.7	B	10.3	B	15.2	B	12	B
4. W. Yosemite Avenue/ West Project Driveway	SSSC	Intersection does not exist in this scenario				11.5 (0.1)	B (A)	13.2 (0.1)	B (A)

Notes:
Bold indicates deficient operations.
SSSC = Side-Street Stop Control. Delay that is reported is the movement that experiences the greatest amount of delay.
Source: Fehr & Peers, 2025

Table 8 shows that the West Yosemite Avenue/Airport Way intersection would continue to operate at LOS E in the AM peak hour and LOS F in the PM peak hour. The other three study intersections would operate acceptably at LOS A or B during the AM and PM peak hour.

The Cumulative No Project turning movement forecasts produced by the City of Manteca TFM show a heavy southbound left-turn demand at the West Yosemite Avenue/Airport Way intersection served by a single left-turn lane. This results in heavy delays for this movement and is a primary contributor to the deficient LOS E operations during the AM peak hour and LOS F operations during the PM peak hour.

The Manteca PFIP intersection improvements for the West Yosemite Avenue/Airport Way intersection appears to show a wide median on Airport Way that could be repurposed to accommodate a second southbound left-turn lane. Therefore, this study recommends adding a second southbound left turn lane to add capacity for this movement and reduce the overall intersection delay.

Table 9 displays the intersection AM and PM peak hour intersection operations with this recommended intersection improvement. With the added second southbound left-turn lane at the West Yosemite Avenue/Airport Way intersection, intersection operations would be improved to LOS D during both the AM and PM peak hours under cumulative conditions.

Table 9: Intersection Operations – Cumulative Plus Project with Improvements

Intersection	Control Type	Cumulative No Project with Improvements				Cumulative Plus Project with Improvements			
		AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour	
		Delay	LOS	Delay	LOS	Delay	LOS	Delay	LOS
1. W. Yosemite Avenue/ Airport Way	Signal	40.4	D	35.7	D	40.6	D	49.1	D

Source: Fehr & Peers, 2025

7. Safety Assessment Analysis

This section describes the potential safety impacts associated with transportation and circulation that could result from implementation of the proposed project. It describes the safety-related reviews, investigations, and analysis that was completed for Existing Plus Project and Cumulative Plus Project conditions.

7.1 Planned Traffic Safety Improvements in the Project Area

The following documents and projects in the City of Manteca, SJCOG, and Caltrans jurisdictions are reviewed for traffic safety improvements:

- **City of Manteca Active Transportation Plan (ATP) (2020)**
- **City of Manteca PFIP**

The proposed project would construct 216 multi-family dwelling units. Traffic generated by the proposed project would increase traffic volumes on local roadways. Existing and future land use in the vicinity of the project area consists of residential, medical, and commercial uses. Traffic generated by the project would not change the traffic mix in the area and would be compatible with existing and planned facility design. The project will also support the implementation of City of Manteca PFIP and ATP, which would improve multi-modal safety in the City of Manteca.

Through PFIP contributions, the project will help fund transportation improvements such as new sidewalks along West Yosemite Avenue, bike lanes, installing traffic signals, crosswalk upgrades, and other transportation network changes that provide infrastructure for walking, bicycling, and driving that could enhance transportation comfort and safety for all users. The ATP also guides the development of a safer, more connected network for walking and biking. By supporting these programs, the project helps reduce conflicts between vehicles, bikes, and pedestrians and improve access and visibility for people traveling without a car.

A detailed review of the facility design of the safety improvement projects listed above confirmed that the proposed project would not physically disrupt any existing or planned multi-modal facility.

The City of Manteca Active Transportation Plan (ATP) identifies a Class IV separated bikeway on West Yosemite Avenue from Winters Drive to McKinley Avenue. In addition, the City of Manteca ATP and PFIP identifies sidewalk improvements along the frontage of the project. Based on the location of the future active transportation facilities, the following COA is recommended:

Traffic COA #1 – If not already installed prior to project construction, the project applicant shall install the traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection. The project applicant shall pay for the total cost for design and installation of the traffic signal, but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the traffic signal and intersection improvements at West Yosemite Avenue/ St. Dominics Drive shall be reviewed and accepted by the Director of Engineering/City Engineer.

Traffic COA #2 – If the PFIP Improvements along West Yosemite Avenue from Fishback Drive to Winters Drive have not been constructed by others, the project applicant shall construct the PFIP improvements on West Yosemite Avenue along the project frontage, including the raised medians, Class IV separated bikeway, and

sidewalk, as shown on the modified PFIP *4 Lane Street Section*, C-2.04. The project applicant shall pay for the total cost for design and construction of the PFIP improvements but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the improvements shall be reviewed and accepted by the Director of Engineering/City Engineer.

8. Additional Analysis

This chapter describes the additional analysis completed for the proposed project, including a policy consistency review and a site access evaluation.

8.1 Policy Consistency

The City of Manteca PFIP (2018), City of Manteca General Plan (2024), and City of Manteca ATP (2020) were reviewed to determine if the proposed project results in any inconsistencies with adopted transportation related policies.

City of Manteca PFIP

The PFIP identifies the following planned improvements near the project site:

- Intersection improvements at West Yosemite Avenue/Fishback Drive
- Widening of Airport Way to 6 lanes south of West Yosemite Avenue, and 4 lanes north of West Yosemite Avenue
- Intersection improvements at West Yosemite Avenue/Airport Way
- Intersection improvements at West Yosemite Avenue/St. Dominics Drive
- Sidewalks and bike lane improvements along West Yosemite Avenue from the project site to Airport Way

City of Manteca ATP

The ATP identifies the following planned improvements near the project site:

- Class IV protected bike lane along West Yosemite Avenue.
- Sidewalk on West Yosemite Avenue along project frontage.

Based on the location of the future active transportation facilities, the following COA is recommended:

Traffic COA #2 – If the PFIP Improvements along West Yosemite Avenue from Fishback Drive to Winters Drive have not been constructed by others, the project applicant shall construct the PFIP improvements on West Yosemite Avenue along the project frontage, including the raised medians, Class IV separated bikeway, and sidewalk, as shown on the modified PFIP *4 Lane Street Section*, C-2.04. The project applicant shall pay for the total cost for design and construction of the PFIP improvements but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the improvements shall be reviewed and accepted by the Director of Engineering/City Engineer.

Manteca General Plan

The project site has a commercial land use designation in the adopted City of Manteca General Plan Update (2024) Land Use Map (Figure LU-2). Per General Plan Land Use Policy LU-4.6, residential development on parcels with a

Commercial land use designation are allowed when it is demonstrated that the use would not have an adverse fiscal impact on the City.

Although LOS cannot be used as a CEQA metric to identify significant transportation impacts, presentation of LOS information helps the City evaluate the Project's consistency with Policy C-1.2, as identified in the Circulation Element of the City of Manteca General Plan:

Policies

- C-1.2: To the extent feasible, strive for a vehicular LOS of D or better during weekday AM and PM peak hours at all streets and intersections, except in the Downtown area or in accordance with Policy C-1.3.
- C-1.3: At the discretion of the City Council, certain locations may be allowed to fall below the City's LOS standard established by C-1.2 under the following circumstances:
    a. Where constructing facilities with enough capacity to provide LOS D is found to be unreasonably expensive.
    b. Where conditions are worse than LOS D and caused primarily by traffic from adjacent jurisdictions.
    c. Where maintaining LOS D will be a disincentive to use transit and active transportation modes (i.e., walking and bicycling) or to the implementation of transportation or land use improvements that would reduce vehicle travel. Examples include roadway or intersection widening in areas with substantial pedestrian activity or near major transit centers.

Intersection operations were analyzed for the proposed project and are discussed in Chapters 4, 5, and 6. In the cumulative conditions with the PFIP improvements, the West Yosemite Avenue/ Airport Way intersection would operate at LOS E and LOS F in the AM and PM peak hours, respectively. Therefore, this study recommends adding a second southbound left-turn lane. With this recommendation, operations would be improved to LOS D during both the AM and PM peak hours under cumulative conditions.

8.2 Site Access/Circulation Evaluation

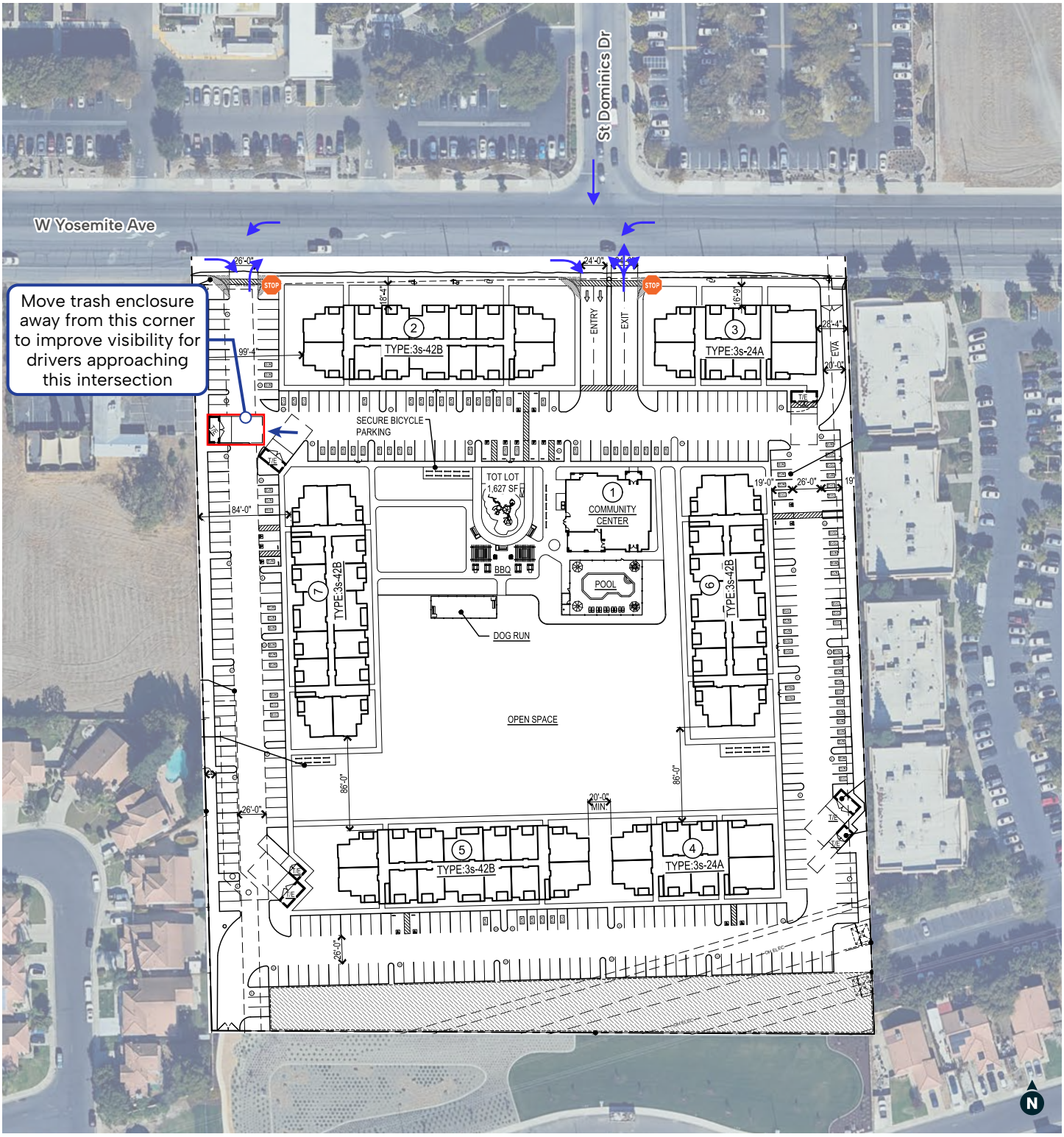
As shown in **Figure 7**, the East Driveway is forecast to serve 42 northbound left-turn and 20 northbound right-turn movements in the AM peak hour and 27 northbound left-turn and 10 northbound right-turn movements in the PM peak hour. The dual outbound lanes at the project's East Driveway allows the left-turn and right-turn movements to queue in separate lanes. This study forecasts a maximum outbound vehicle queue of 3 vehicles, or about 75 feet, at the East Driveway. The site plan appears to show that the East Driveway would have about 90 feet of driveway throat storage. Therefore, the East Driveway would provide adequate throat depth to not result in vehicle queues that spillback into the project site and impede internal circulation.

Table 5 shows that the West Yosemite Avenue/St. Dominics Drive/East Driveway intersection would operate at an unacceptable LOS F during the AM peak hour and LOS E during the PM peak hour under Existing Plus Project conditions with side-street stop-control. This intersection is identified for signalization in the Manteca PFIP and meets the MUTCD peak hour signal warrant. Therefore, this study recommends signalizing the intersection with the project's East Driveway, which would improve traffic operations to LOS B during both the AM and PM peak hours.

The project site plan shows multiple points of access along West Yosemite Avenue and separate emergency vehicles access points at the southwest and northeast corners of the site, which should provide adequate access

for emergency vehicles. However, all project access intersections, internal intersections, and internal roadways should be carefully designed to ensure they can accommodate emergency vehicles. All intersections and street sections should be reviewed by the City of Manteca and designed to comply with typical City standards.

Figure 10 shows that the proposed trash enclosure near the northeast corner of the project site would likely block the sight distance for drivers approaching the adjacent internal intersection. Therefore, this study recommends moving this trash enclosure away from this corner to improve visibility for drivers approaching this intersection.



Permitted Driveway Turning Movement

Stop Sign

FIGURE 10

Project Site Plan Recommendations

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9. Conclusion

This chapter presents the conclusions of the transportation impact analysis for the proposed Pacific West Yosemite Apartments Project in the City of Manteca.

9.1 Transportation Impact Analysis

Consistent with SB 743 and the City of Manteca *2022 SB 743 Implementation Policy*, this study analyzes the proposed project's VMT per dwelling unit to determine if it would result in a significant transportation impact. As shown in Table 1 of this report, the project's VMT per dwelling unit is less than the City of Manteca VMT threshold for multi-family residential land development projects. Therefore, the project would have a less than significant impact on VMT per the methodology outlined in the *City of Manteca SB 743 Implementation Policy* (City of Manteca, 2022).

9.2 Intersection Operations Analysis

The traffic operations analysis in this report indicates that the proposed project would cause the side-street movements at the West Yosemite Avenue/St. Dominics Drive intersection to degrade to LOS F during the AM peak hour and LOS E during the PM peak hour under Existing Plus Project conditions. All other study intersections would operate at LOS D or better in the AM and PM peak hours for Existing Conditions and Existing Plus Project Conditions.

The Manteca PFIP includes installing a traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection, and this study notes that the intersection would meet the MUTCD peak hour signal warrant under Existing Plus Project conditions. Therefore, this study recommends installing a traffic signal at this intersection. With signalization, the West Yosemite Avenue/St. Dominics Drive intersection would improve to acceptable LOS B operations under Existing Plus Project conditions during the AM and PM peak hours.

Under Cumulative No Project and Cumulative Plus Project conditions, the West Yosemite Avenue/Airport Way intersection is forecast to operate at an unacceptable LOS E during the AM peak hour and LOS F during the PM peak hour with the improvements identified in the Manteca PFIP. Therefore, this study recommends adding a second southbound left turn lane, which would improve intersection operations to LOS D during both the AM and PM peak hours. All other study intersections would operate at an acceptable LOS B or better during the AM and PM peak hours under Cumulative No Project and Cumulative Plus Project conditions.

Recommended Conditions of Approval

The following conditions should be incorporated into the Conditions of Approval for the proposed project:

- **Traffic COA #1** – If not already installed prior to project construction, the project applicant shall install the traffic signal at the West Yosemite Avenue/St. Dominics Drive intersection. The project applicant shall pay for the total cost for design and installation of the traffic signal, but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the traffic signal and intersection improvements at West Yosemite Avenue/St. Dominics Drive shall be reviewed and accepted by the Director of Engineering/City Engineer.

- **Traffic COA #2** – If the PFIP Improvements along West Yosemite Avenue from Fishback Drive to Winters Drive have not been constructed by others, the project applicant shall construct the PFIP improvements on West Yosemite Avenue along the project frontage, including the raised medians, Class IV separated bikeway, and sidewalk, as shown on the modified PFIP *4 Lane Street Section*, C-2.04. The project applicant shall pay for the total cost for design and construction of the PFIP improvements but may be eligible for PFIP Transportation Credits or be reimbursed by the City in accordance with PFIP procedures. The design of the improvements shall be reviewed and accepted by the Director of Engineering/City Engineer.

Appendix A – Technical Calculations

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	5	30	232	32	104	256	184	67	204	155	204	194
Future Volume (veh/h)	5	30	232	32	104	256	184	67	204	155	204	194
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h		33	252	35	113	278	200	73	222	168	222	211
Peak Hour Factor		0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %		6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h		71	738	101	143	980	437	114	451	382	265	609
Arrive On Green		0.04	0.24	0.24	0.08	0.28	0.28	0.07	0.25	0.25	0.15	0.34
Sat Flow, veh/h		1725	3039	417	1725	3441	1535	1725	1811	1535	1725	1811
Grp Volume(v), veh/h		33	141	146	113	278	200	73	222	168	222	211
Grp Sat Flow(s),veh/h/ln		1725	1721	1736	1725	1721	1535	1725	1811	1535	1725	1811
Q Serve(g_s), s		1.3	4.6	4.7	4.4	4.3	7.3	2.8	7.1	6.2	8.5	5.9
Cycle Q Clear(g_c), s		1.3	4.6	4.7	4.4	4.3	7.3	2.8	7.1	6.2	8.5	5.9
Prop In Lane		1.00		0.24	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		71	417	421	143	980	437	114	451	382	265	609
V/C Ratio(X)		0.47	0.34	0.35	0.79	0.28	0.46	0.64	0.49	0.44	0.84	0.35
Avail Cap(c_a), veh/h		765	1017	1026	765	2034	907	765	1204	1021	765	1204
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		31.7	21.1	21.2	30.4	18.8	19.9	30.8	21.8	21.4	27.8	16.9
Incr Delay (d2), s/veh		1.8	2.2	2.2	3.6	0.7	3.4	2.2	3.8	3.6	2.7	1.6
Initial Q Delay(d3), s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		0.5	1.9	2.0	1.8	1.6	2.8	1.2	3.3	2.5	3.5	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh		33.5	23.3	23.4	34.0	19.6	23.3	33.0	25.6	25.1	30.6	18.4
LnGrp LOS		C	C	C	C	B	C	C	C	C	C	B
Approach Vol, veh/h			320			591			463			524
Approach Delay, s/veh			24.4			23.6			26.6			23.3
Approach LOS			C			C			C			C

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.6	21.8	8.5	27.7	6.8	24.7	14.4	21.8
Change Period (Y+Rc), s	4.0	5.4	4.0	5.0	4.0	5.4	4.0	5.0
Max Green Setting (Gmax), s	30.0	40.0	30.0	45.0	30.0	40.0	30.0	45.0
Max Q Clear Time (g_c+I1), s	6.4	6.7	4.8	7.9	3.3	9.3	10.5	9.1
Green Ext Time (p_c), s	0.0	6.3	0.0	6.1	0.0	10.0	0.1	7.8

Intersection Summary	
HCM 7th Control Delay, s/veh	24.4
HCM 7th LOS	C

Notes

User approved ignoring U-Turning movement.

Intersection	
Int Delay, s/veh	1.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	108	397	528	135	44	41
Future Vol, veh/h	108	397	528	135	44	41
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	150	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	99	99	99	99	99	99
Heavy Vehicles, %	3	3	3	3	3	3
Mvmt Flow	109	401	533	136	44	41

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	670	0	-	0	1020	335
Stage 1	-	-	-	-	602	-
Stage 2	-	-	-	-	419	-
Critical Hdwy	4.16	-	-	-	6.86	6.96
Critical Hdwy Stg 1	-	-	-	-	5.86	-
Critical Hdwy Stg 2	-	-	-	-	5.86	-
Follow-up Hdwy	2.23	-	-	-	3.53	3.33
Pot Cap-1 Maneuver	910	-	-	-	231	658
Stage 1	-	-	-	-	507	-
Stage 2	-	-	-	-	629	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	910	-	-	-	203	658
Mov Cap-2 Maneuver	-	-	-	-	327	-
Stage 1	-	-	-	-	446	-
Stage 2	-	-	-	-	629	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	2.03	0	15.4
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	910	-	-	-	432
HCM Lane V/C Ratio	0.12	-	-	-	0.199
HCM Ctrl Dly (s/v)	9.5	-	-	-	15.4
HCM Lane LOS	A	-	-	-	C
HCM 95th %tile Q(veh)	0.4	-	-	-	0.7



Movement	EBU	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations							
Traffic Volume (veh/h)	0	375	66	202	565	98	253
Future Volume (veh/h)	0	375	66	202	565	98	253
Initial Q (Qb), veh		0	0	0	0	0	0
Lane Width Adj.		1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)			1.00	1.00		1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No	No	
Adj Sat Flow, veh/h/ln		1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h		408	72	220	614	107	275
Peak Hour Factor		0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %		3	3	3	3	3	3
Cap, veh/h		675	118	278	1816	388	345
Arrive On Green		0.23	0.23	0.16	0.52	0.22	0.22
Sat Flow, veh/h		3091	525	1767	3618	1767	1572
Grp Volume(v), veh/h		239	241	220	614	107	275
Grp Sat Flow(s),veh/h/ln		1763	1761	1767	1763	1767	1572
Q Serve(g_s), s		4.6	4.6	4.5	3.9	1.9	6.2
Cycle Q Clear(g_c), s		4.6	4.6	4.5	3.9	1.9	6.2
Prop In Lane			0.30	1.00		1.00	1.00
Lane Grp Cap(c), veh/h		397	396	278	1816	388	345
V/C Ratio(X)		0.60	0.61	0.79	0.34	0.28	0.80
Avail Cap(c_a), veh/h		1123	1122	1126	3368	1126	1002
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		13.1	13.1	15.3	5.4	12.2	13.9
Incr Delay (d2), s/veh		1.1	1.1	1.9	0.1	0.1	1.6
Initial Q Delay(d3), s/veh		0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.4	1.4	1.5	0.6	0.6	1.8
Unsig. Movement Delay, s/veh							
LnGrp Delay(d), s/veh		14.2	14.2	17.2	5.4	12.4	15.5
LnGrp LOS		B	B	B	A	B	B
Approach Vol, veh/h		480			834	382	
Approach Delay, s/veh		14.2			8.5	14.6	
Approach LOS		B			A	B	

Timer - Assigned Phs	2			5	6		8
Phs Duration (G+Y+Rc), s	24.4			10.9	13.5		13.3
Change Period (Y+Rc), s	5.0			5.0	* 5		5.0
Max Green Setting (Gmax), s	36.0			24.0	* 24		24.0
Max Q Clear Time (g_c+I1), s	5.9			6.5	6.6		8.2
Green Ext Time (p_c), s	3.2			0.1	1.9		0.2

Intersection Summary	
HCM 7th Control Delay, s/veh	11.5
HCM 7th LOS	B

Notes

User approved ignoring U-Turning movement.

* HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL
Lane Configurations												
Traffic Volume (veh/h)	6	130	372	72	5	242	260	191	48	306	178	156
Future Volume (veh/h)	6	130	372	72	5	242	260	191	48	306	178	156
Initial Q (Qb), veh		0	0	0		0	0	0	0	0	0	0
Lane Width Adj.		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00	1.00		1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No				No			No		
Adj Sat Flow, veh/h/ln		1870	1870	1870		1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h		135	388	75		252	271	199	50	319	185	162
Peak Hour Factor		0.96	0.96	0.96		0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %		2	2	2		2	2	2	2	2	2	2
Cap, veh/h		167	731	140		287	1113	497	85	521	442	196
Arrive On Green		0.09	0.25	0.25		0.16	0.31	0.31	0.05	0.28	0.28	0.11
Sat Flow, veh/h		1781	2975	570		1781	3554	1585	1781	1870	1585	1781
Grp Volume(v), veh/h		135	230	233		252	271	199	50	319	185	162
Grp Sat Flow(s),veh/h/ln		1781	1777	1768		1781	1777	1585	1781	1870	1585	1781
Q Serve(g_s), s		6.7	10.1	10.3		12.4	5.1	8.9	2.5	13.4	8.6	8.0
Cycle Q Clear(g_c), s		6.7	10.1	10.3		12.4	5.1	8.9	2.5	13.4	8.6	8.0
Prop In Lane		1.00		0.32		1.00		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h		167	437	435		287	1113	497	85	521	442	196
V/C Ratio(X)		0.81	0.53	0.54		0.88	0.24	0.40	0.59	0.61	0.42	0.83
Avail Cap(c_a), veh/h		594	789	785		594	1579	704	594	935	792	594
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		40.0	29.4	29.5		36.9	23.0	24.3	42.0	28.2	26.5	39.2
Incr Delay (d2), s/veh		3.5	4.5	4.7		3.4	0.5	2.4	2.4	5.3	2.9	3.4
Initial Q Delay(d3), s/veh		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		3.0	4.7	4.7		5.4	2.1	3.5	1.1	6.5	3.5	3.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh		43.5	33.9	34.2		40.3	23.5	26.7	44.4	33.5	29.4	42.6
LnGrp LOS		D	C	C		D	C	C	D	C	C	D
Approach Vol, veh/h			598				722			554		
Approach Delay, s/veh			36.2				30.2			33.1		
Approach LOS			D				C			C		

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	18.5	27.5	8.3	35.7	12.4	33.6	13.9	30.1
Change Period (Y+Rc), s	4.0	5.4	4.0	5.0	4.0	5.4	4.0	5.0
Max Green Setting (Gmax), s	30.0	40.0	30.0	45.0	30.0	40.0	30.0	45.0
Max Q Clear Time (g_c+I1), s	14.4	12.3	4.5	12.9	8.7	10.9	10.0	15.4
Green Ext Time (p_c), s	0.1	9.8	0.0	6.8	0.0	9.6	0.1	9.7

Intersection Summary	
HCM 7th Control Delay, s/veh	32.5
HCM 7th LOS	C

Notes

User approved ignoring U-Turning movement.

Intersection	
Int Delay, s/veh	5.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	49	741	583	73	135	114
Future Vol, veh/h	49	741	583	73	135	114
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	150	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	1	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	1	1	1	1	1	1
Mvmt Flow	54	823	648	81	150	127

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	729	0	-	0	1209	364
Stage 1	-	-	-	-	688	-
Stage 2	-	-	-	-	521	-
Critical Hdwy	4.12	-	-	-	6.82	6.92
Critical Hdwy Stg 1	-	-	-	-	5.82	-
Critical Hdwy Stg 2	-	-	-	-	5.82	-
Follow-up Hdwy	2.21	-	-	-	3.51	3.31
Pot Cap-1 Maneuver	877	-	-	-	177	635
Stage 1	-	-	-	-	463	-
Stage 2	-	-	-	-	564	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	877	-	-	-	166	635
Mov Cap-2 Maneuver	-	-	-	-	298	-
Stage 1	-	-	-	-	434	-
Stage 2	-	-	-	-	564	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	0.58	0	33.16
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	877	-	-	-	393
HCM Lane V/C Ratio	0.062	-	-	-	0.703
HCM Ctrl Dly (s/v)	9.4	-	-	-	33.2
HCM Lane LOS	A	-	-	-	D
HCM 95th %tile Q(veh)	0.2	-	-	-	5.2



Movement	EBU	EBT	EBR	WBU	WBL	WBT	NBL	NBR
Lane Configurations								
Traffic Volume (veh/h)	1	830	45	1	115	608	47	119
Future Volume (veh/h)	1	830	45	1	115	608	47	119
Initial Q (Qb), veh		0	0		0	0	0	0
Lane Width Adj.		1.00	1.00		1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)			1.00		1.00		1.00	1.00
Parking Bus, Adj		1.00	1.00		1.00	1.00	1.00	1.00
Work Zone On Approach		No				No	No	
Adj Sat Flow, veh/h/ln		1885	1885		1885	1885	1885	1885
Adj Flow Rate, veh/h		933	51		129	683	53	134
Peak Hour Factor		0.89	0.89		0.89	0.89	0.89	0.89
Percent Heavy Veh, %		1	1		1	1	1	1
Cap, veh/h		1486	81		174	2271	226	201
Arrive On Green		0.43	0.43		0.10	0.63	0.13	0.13
Sat Flow, veh/h		3548	189		1795	3676	1795	1598
Grp Volume(v), veh/h		484	500		129	683	53	134
Grp Sat Flow(s),veh/h/ln		1791	1851		1795	1791	1795	1598
Q Serve(g_s), s		7.9	7.9		2.6	3.2	1.0	3.0
Cycle Q Clear(g_c), s		7.9	7.9		2.6	3.2	1.0	3.0
Prop In Lane			0.10		1.00		1.00	1.00
Lane Grp Cap(c), veh/h		771	797		174	2271	226	201
V/C Ratio(X)		0.63	0.63		0.74	0.30	0.23	0.67
Avail Cap(c_a), veh/h		1720	1778		1198	3440	1198	1066
HCM Platoon Ratio		1.00	1.00		1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00		1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		8.3	8.3		16.5	3.1	14.8	15.6
Incr Delay (d2), s/veh		0.8	0.8		6.1	0.1	0.5	3.8
Initial Q Delay(d3), s/veh		0.0	0.0		0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		1.8	1.8		1.1	0.1	0.4	1.1
Unsig. Movement Delay, s/veh								
LnGrp Delay(d), s/veh		9.2	9.1		22.6	3.2	15.3	19.4
LnGrp LOS		A	A		C	A	B	B
Approach Vol, veh/h		984				812	187	
Approach Delay, s/veh		9.2				6.3	18.2	
Approach LOS		A				A	B	
Timer - Assigned Phs		2			5	6		8
Phs Duration (G+Y+Rc), s		28.8			7.6	21.1		8.7
Change Period (Y+Rc), s		5.0			4.0	5.0		4.0
Max Green Setting (Gmax), s		36.0			25.0	36.0		25.0
Max Q Clear Time (g_c+I1), s		5.2			4.6	9.9		5.0
Green Ext Time (p_c), s		4.6			0.3	6.2		0.5

Intersection Summary	
HCM 7th Control Delay, s/veh	8.8
HCM 7th LOS	A

Notes
User approved ignoring U-Turning movement.

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (veh/h)	5	30	240	32	120	275	190	67	204	160	203	194
Future Volume (veh/h)	5	30	240	32	120	275	190	67	204	160	203	194
Initial Q (Qb), veh		0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No			No			No			No
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h		36	289	39	145	331	229	81	246	193	245	234
Peak Hour Factor		0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Percent Heavy Veh, %		4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h		74	735	98	180	1042	465	113	470	398	285	650
Arrive On Green		0.04	0.24	0.24	0.10	0.30	0.30	0.06	0.26	0.26	0.16	0.35
Sat Flow, veh/h		1753	3101	414	1753	3497	1560	1753	1841	1560	1753	1841
Grp Volume(v), veh/h		36	162	166	145	331	229	81	246	193	245	234
Grp Sat Flow(s),veh/h/ln		1753	1749	1766	1753	1749	1560	1753	1841	1560	1753	1841
Q Serve(g_s), s		1.5	5.9	6.0	6.2	5.6	9.2	3.4	8.7	8.0	10.3	7.2
Cycle Q Clear(g_c), s		1.5	5.9	6.0	6.2	5.6	9.2	3.4	8.7	8.0	10.3	7.2
Prop In Lane		1.00		0.23	1.00		1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		74	415	419	180	1042	465	113	470	398	285	650
V/C Ratio(X)		0.49	0.39	0.40	0.80	0.32	0.49	0.71	0.52	0.48	0.86	0.36
Avail Cap(c_a), veh/h		692	920	929	692	1840	821	692	1089	923	692	1089
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		35.6	24.4	24.4	33.4	20.7	22.0	34.9	24.3	24.1	31.0	18.2
Incr Delay (d2), s/veh		1.9	2.7	2.8	3.2	0.8	3.7	3.1	4.1	4.2	2.9	1.5
Initial Q Delay(d3), s/veh		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		0.7	2.6	2.7	2.6	2.2	3.6	1.5	4.1	3.2	4.4	3.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh		37.5	27.1	27.2	36.5	21.5	25.7	38.0	28.5	28.2	33.9	19.8
LnGrp LOS		D	C	C	D	C	C	D	C	C	C	B
Approach Vol, veh/h			364			705			520			580
Approach Delay, s/veh			28.2			25.9			29.9			25.4
Approach LOS			C			C			C			C

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.8	23.4	8.9	31.9	7.2	28.1	16.4	24.4
Change Period (Y+Rc), s	4.0	5.4	4.0	5.0	4.0	5.4	4.0	5.0
Max Green Setting (Gmax), s	30.0	40.0	30.0	45.0	30.0	40.0	30.0	45.0
Max Q Clear Time (g_c+I1), s	8.2	8.0	5.4	9.2	3.5	11.2	12.3	10.7
Green Ext Time (p_c), s	0.0	7.2	0.0	6.8	0.0	11.5	0.1	8.7

Intersection Summary	
HCM 7th Control Delay, s/veh	27.1
HCM 7th LOS	C

Notes

User approved ignoring U-Turning movement.



Movement	SBR
Lane Configurations	
Traffic Volume (veh/h)	84
Future Volume (veh/h)	84
Initial Q (Qb), veh	0
Lane Width Adj.	1.00
Ped-Bike Adj(A_pbT)	1.00
Parking Bus, Adj	1.00
Work Zone On Approach	
Adj Sat Flow, veh/h/ln	1841
Adj Flow Rate, veh/h	101
Peak Hour Factor	0.83
Percent Heavy Veh, %	4
Cap, veh/h	551
Arrive On Green	0.35
Sat Flow, veh/h	1560
Grp Volume(v), veh/h	101
Grp Sat Flow(s),veh/h/ln	1560
Q Serve(g_s), s	3.4
Cycle Q Clear(g_c), s	3.4
Prop In Lane	1.00
Lane Grp Cap(c), veh/h	551
V/C Ratio(X)	0.18
Avail Cap(c_a), veh/h	923
HCM Platoon Ratio	1.00
Upstream Filter(I)	1.00
Uniform Delay (d), s/veh	17.0
Incr Delay (d2), s/veh	0.7
Initial Q Delay(d3), s/veh	0.0
%ile BackOfQ(50%),veh/ln	1.2
Unsig. Movement Delay, s/veh	
LnGrp Delay(d), s/veh	17.7
LnGrp LOS	B
Approach Vol, veh/h	
Approach Delay, s/veh	
Approach LOS	
Timer - Assigned Phs	

Intersection	
Int Delay, s/veh	5.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	108	404	0	7	531	135	41	0	20	44	0	41
Future Vol, veh/h	108	404	0	7	531	135	41	0	20	44	0	41
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	100	-	-	150	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	83	83	83	83	83	83	83	83	83	83	83
Heavy Vehicles, %	4	4	4	4	4	4	4	4	4	4	4	4
Mvmt Flow	130	487	0	8	640	163	49	0	24	53	0	49

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	802	0	-	487	0	0	1084	1566	243	1242	1485	401
Stage 1	-	-	-	-	-	-	747	747	-	738	738	-
Stage 2	-	-	-	-	-	-	337	819	-	504	747	-
Critical Hdwy	4.18	-	-	4.18	-	-	7.58	6.58	6.98	7.58	6.58	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-	6.58	5.58	-	6.58	5.58	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.58	5.58	-	6.58	5.58	-
Follow-up Hdwy	2.24	-	-	2.24	-	-	3.54	4.04	3.34	3.54	4.04	3.34
Pot Cap-1 Maneuver	804	-	0	1059	-	-	169	108	751	129	121	593
Stage 1	-	-	0	-	-	-	367	413	-	371	417	-
Stage 2	-	-	0	-	-	-	646	383	-	514	413	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	804	-	-	1059	-	-	129	90	751	104	101	593
Mov Cap-2 Maneuver	-	-	-	-	-	-	129	90	-	104	101	-
Stage 1	-	-	-	-	-	-	307	347	-	368	414	-
Stage 2	-	-	-	-	-	-	587	380	-	417	347	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	2.18	0.09	36.49	52.55
HCM LOS			E	F

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	129	751	804	-	1059	-	-	172
HCM Lane V/C Ratio	0.384	0.032	0.162	-	0.008	-	-	0.594
HCM Ctrl Dly (s/v)	49.4	10	10.3	-	8.4	-	-	52.6
HCM Lane LOS	E	A	B	-	A	-	-	F
HCM 95th %tile Q(veh)	1.6	0.1	0.6	-	0	-	-	3.2



Movement	EBU	EBT	EBR	WBL	WBT	NBL	NBR	
Lane Configurations								
Traffic Volume (veh/h)	0	400	68	202	573	100	253	
Future Volume (veh/h)	0	400	68	202	573	100	253	
Initial Q (Qb), veh		0	0	0	0	0	0	
Lane Width Adj.		1.00	1.00	1.00	1.00	1.00	1.00	
Ped-Bike Adj(A_pbT)			1.00	1.00		1.00	1.00	
Parking Bus, Adj		1.00	1.00	1.00	1.00	1.00	1.00	
Work Zone On Approach		No			No	No		
Adj Sat Flow, veh/h/ln		1841	1841	1841	1841	1841	1841	
Adj Flow Rate, veh/h		482	82	243	690	120	305	
Peak Hour Factor		0.83	0.83	0.83	0.83	0.83	0.83	
Percent Heavy Veh, %		4	4	4	4	4	4	
Cap, veh/h		733	124	301	1887	437	389	
Arrive On Green		0.25	0.25	0.17	0.54	0.25	0.25	
Sat Flow, veh/h		3096	496	1753	3589	1753	1560	
Grp Volume(v), veh/h		275	289	243	690	120	305	
Grp Sat Flow(s),veh/h/ln		1675	1751	1753	1749	1753	1560	
Q Serve(g_s), s		6.3	6.3	5.7	4.8	2.3	7.8	
Cycle Q Clear(g_c), s		6.3	6.3	5.7	4.8	2.3	7.8	
Prop In Lane			0.28	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h		419	438	301	1887	437	389	
V/C Ratio(X)		0.66	0.66	0.81	0.37	0.27	0.78	
Avail Cap(c_a), veh/h		945	988	989	2958	989	880	
HCM Platoon Ratio		1.00	1.00	1.00	1.00	1.00	1.00	
Upstream Filter(I)		1.00	1.00	1.00	1.00	1.00	1.00	
Uniform Delay (d), s/veh		14.3	14.3	16.9	5.6	12.9	14.9	
Incr Delay (d2), s/veh		1.3	1.3	1.9	0.1	0.3	2.6	
Initial Q Delay(d3), s/veh		0.0	0.0	0.0	0.0	0.0	0.0	
%ile BackOfQ(50%),veh/ln		2.0	2.1	2.0	0.9	0.8	2.5	
Unsig. Movement Delay, s/veh								
LnGrp Delay(d), s/veh		15.6	15.6	18.9	5.7	13.1	17.6	
LnGrp LOS		B	B	B	A	B	B	
Approach Vol, veh/h		564			933	425		
Approach Delay, s/veh		15.6			9.1	16.3		
Approach LOS		B			A	B		

Timer - Assigned Phs	2			5	6		8
Phs Duration (G+Y+Rc), s	28.0			12.3	15.6		14.6
Change Period (Y+Rc), s	5.0			5.0	* 5		4.0
Max Green Setting (Gmax), s	36.0			24.0	* 24		24.0
Max Q Clear Time (g_c+I1), s	6.8			7.7	8.3		9.8
Green Ext Time (p_c), s	3.9			0.1	2.3		0.9

Intersection Summary	
HCM 7th Control Delay, s/veh	12.6
HCM 7th LOS	B

Notes

User approved ignoring U-Turning movement.

* HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Int Delay, s/veh	0.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	505	12	3	610	0	7
Future Vol, veh/h	505	12	3	610	0	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	100	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	4	4	4	4	4	4
Mvmt Flow	608	14	4	735	0	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	623	0	-	311
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	4.18	-	-	6.98
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	2.24	-	-	3.34
Pot Cap-1 Maneuver	-	-	941	-	0	678
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	941	-	-	678
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Ctrl Dly, s/v	0	0.04	10.37
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	678	-	-	941	-
HCM Lane V/C Ratio	0.012	-	-	0.004	-
HCM Ctrl Dly (s/v)	10.4	-	-	8.8	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	503	100	35	575	10	14
Future Vol, veh/h	503	100	35	575	10	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	4	4	4	4	4	4
Mvmt Flow	606	120	42	693	12	17

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	727	0	1097	363
Stage 1	-	-	-	-	666	-
Stage 2	-	-	-	-	431	-
Critical Hdwy	-	-	4.18	-	6.88	6.98
Critical Hdwy Stg 1	-	-	-	-	5.88	-
Critical Hdwy Stg 2	-	-	-	-	5.88	-
Follow-up Hdwy	-	-	2.24	-	3.54	3.34
Pot Cap-1 Maneuver	-	-	859	-	204	628
Stage 1	-	-	-	-	467	-
Stage 2	-	-	-	-	617	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	859	-	192	628
Mov Cap-2 Maneuver	-	-	-	-	322	-
Stage 1	-	-	-	-	467	-
Stage 2	-	-	-	-	580	-

Approach	EB	WB	NB
HCM Ctrl Dly, s/v	0	1.02	13.55
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	450	-	-	207	-
HCM Lane V/C Ratio	0.064	-	-	0.049	-
HCM Ctrl Dly (s/v)	13.6	-	-	9.4	0.5
HCM Lane LOS	B	-	-	A	A
HCM 95th %tile Q(veh)	0.2	-	-	0.2	-

Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL
Lane Configurations												
Traffic Volume (veh/h)	6	130	395	72	5	252	263	205	48	306	193	160
Future Volume (veh/h)	6	130	395	72	5	252	263	205	48	306	193	160
Initial Q (Qb), veh		0	0	0		0	0	0	0	0	0	0
Lane Width Adj.		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)		1.00		1.00		1.00		1.00	1.00		1.00	1.00
Parking Bus, Adj		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach			No				No			No		
Adj Sat Flow, veh/h/ln		1870	1870	1870		1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h		137	416	76		265	277	216	51	322	203	168
Peak Hour Factor		0.95	0.95	0.95		0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %		2	2	2		2	2	2	2	2	2	2
Cap, veh/h		168	752	136		298	1148	512	83	517	438	201
Arrive On Green		0.09	0.25	0.25		0.17	0.32	0.32	0.05	0.28	0.28	0.11
Sat Flow, veh/h		1781	3004	545		1781	3554	1585	1781	1870	1585	1781
Grp Volume(v), veh/h		137	245	247		265	277	216	51	322	203	168
Grp Sat Flow(s),veh/h/ln		1781	1777	1772		1781	1777	1585	1781	1870	1585	1781
Q Serve(g_s), s		7.2	11.4	11.6		13.8	5.4	10.2	2.7	14.3	10.1	8.8
Cycle Q Clear(g_c), s		7.2	11.4	11.6		13.8	5.4	10.2	2.7	14.3	10.1	8.8
Prop In Lane		1.00		0.31		1.00		1.00	1.00		1.00	1.00
Lane Grp Cap(c), veh/h		168	444	443		298	1148	512	83	517	438	201
V/C Ratio(X)		0.82	0.55	0.56		0.89	0.24	0.42	0.61	0.62	0.46	0.84
Avail Cap(c_a), veh/h		562	747	745		562	1494	666	562	885	750	562
HCM Platoon Ratio		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		42.3	31.0	31.1		38.7	23.6	25.2	44.5	30.1	28.6	41.3
Incr Delay (d2), s/veh		3.6	4.8	5.0		3.6	0.5	2.5	2.7	5.6	3.5	3.5
Initial Q Delay(d3), s/veh		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		3.2	5.3	5.3		6.1	2.3	4.0	1.2	7.0	4.1	4.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh		45.9	35.9	36.1		42.4	24.1	27.8	47.2	35.7	32.1	44.9
LnGrp LOS		D	D	D		D	C	C	D	D	C	D
Approach Vol, veh/h			629				758			576		
Approach Delay, s/veh			38.1				31.5			35.4		
Approach LOS			D				C			D		

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	19.9	29.2	8.4	37.6	13.0	36.1	14.7	31.3
Change Period (Y+Rc), s	4.0	5.4	4.0	5.0	4.0	5.4	4.0	5.0
Max Green Setting (Gmax), s	30.0	40.0	30.0	45.0	30.0	40.0	30.0	45.0
Max Q Clear Time (g_c+I1), s	15.8	13.6	4.7	13.6	9.2	12.2	10.8	16.3
Green Ext Time (p_c), s	0.1	10.2	0.0	6.9	0.0	9.8	0.1	10.0

Intersection Summary	
HCM 7th Control Delay, s/veh	34.3
HCM 7th LOS	C

Notes

User approved ignoring U-Turning movement.



Movement	SBT	SBR
Lane Configurations		
Traffic Volume (veh/h)	278	42
Future Volume (veh/h)	278	42
Initial Q (Qb), veh	0	0
Lane Width Adj.	1.00	1.00
Ped-Bike Adj(A_pbT)		1.00
Parking Bus, Adj	1.00	1.00
Work Zone On Approach	No	
Adj Sat Flow, veh/h/ln	1870	1870
Adj Flow Rate, veh/h	293	44
Peak Hour Factor	0.95	0.95
Percent Heavy Veh, %	2	2
Cap, veh/h	640	543
Arrive On Green	0.34	0.34
Sat Flow, veh/h	1870	1585
Grp Volume(v), veh/h	293	44
Grp Sat Flow(s),veh/h/ln	1870	1585
Q Serve(g_s), s	11.6	1.8
Cycle Q Clear(g_c), s	11.6	1.8
Prop In Lane		1.00
Lane Grp Cap(c), veh/h	640	543
V/C Ratio(X)	0.46	0.08
Avail Cap(c_a), veh/h	885	750
HCM Platoon Ratio	1.00	1.00
Upstream Filter(I)	1.00	1.00
Uniform Delay (d), s/veh	24.4	21.2
Incr Delay (d2), s/veh	2.3	0.3
Initial Q Delay(d3), s/veh	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.4	0.7
Unsig. Movement Delay, s/veh		
LnGrp Delay(d), s/veh	26.7	21.4
LnGrp LOS	C	C
Approach Vol, veh/h	505	
Approach Delay, s/veh	32.3	
Approach LOS	C	
Timer - Assigned Phs		

Intersection	
Int Delay, s/veh	7.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	49	746	0	24	588	73	27	0	10	135	0	114
Future Vol, veh/h	49	746	0	24	588	73	27	0	10	135	0	114
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	100	-	-	150	-	-	0	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	1	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	95	95	95	95	95	95	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	52	785	0	25	619	77	28	0	11	142	0	120

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	696	0	-	785	0	0	1248	1635	393	1204	1596	348
Stage 1	-	-	-	-	-	-	888	888	-	708	708	-
Stage 2	-	-	-	-	-	-	360	746	-	496	888	-
Critical Hdwy	4.14	-	-	4.14	-	-	7.54	6.54	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.54	5.54	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	3.52	4.02	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	896	-	0	829	-	-	130	100	606	~ 140	106	648
Stage 1	-	-	0	-	-	-	305	360	-	392	436	-
Stage 2	-	-	0	-	-	-	631	419	-	524	360	-
Platoon blocked, %		-			-	-						
Mov Cap-1 Maneuver	896	-	-	829	-	-	96	91	606	~ 126	96	648
Mov Cap-2 Maneuver	-	-	-	-	-	-	96	91	-	246	207	-
Stage 1	-	-	-	-	-	-	287	339	-	380	423	-
Stage 2	-	-	-	-	-	-	498	406	-	486	339	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.57	0.33	44.71	42.22
HCM LOS			E	E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	96	606	896	-	829	-	-	344
HCM Lane V/C Ratio	0.295	0.017	0.058	-	0.03	-	-	0.762
HCM Ctrl Dly (s/v)	57.2	11	9.3	-	9.5	-	-	42.2
HCM Lane LOS	F	B	A	-	A	-	-	E
HCM 95th %tile Q(veh)	1.1	0.1	0.2	-	0.1	-	-	6

Notes	
~: Volume exceeds capacity	$: Delay exceeds 300s
+: Computation Not Defined	*: All major volume in platoon



Movement	EBU	EBT	EBR	WBU	WBL	WBT	NBL	NBR
Lane Configurations								
Traffic Volume (veh/h)	1	844	46	1	115	634	50	119
Future Volume (veh/h)	1	844	46	1	115	634	50	119
Initial Q (Qb), veh		0	0		0	0	0	0
Lane Width Adj.		1.00	1.00		1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)			1.00		1.00		1.00	1.00
Parking Bus, Adj		1.00	1.00		1.00	1.00	1.00	1.00
Work Zone On Approach		No				No	No	
Adj Sat Flow, veh/h/ln		1870	1870		1870	1870	1870	1870
Adj Flow Rate, veh/h		888	48		121	667	53	125
Peak Hour Factor		0.95	0.95		0.95	0.95	0.95	0.95
Percent Heavy Veh, %		2	2		2	2	2	2
Cap, veh/h		1435	78		157	2192	232	207
Arrive On Green		0.43	0.43		0.09	0.62	0.13	0.13
Sat Flow, veh/h		3527	182		1781	3647	1781	1585
Grp Volume(v), veh/h		450	486		121	667	53	125
Grp Sat Flow(s),veh/h/ln		1702	1838		1781	1777	1781	1585
Q Serve(g_s), s		8.1	8.1		2.6	3.5	1.1	2.9
Cycle Q Clear(g_c), s		8.1	8.1		2.6	3.5	1.1	2.9
Prop In Lane			0.10		1.00		1.00	1.00
Lane Grp Cap(c), veh/h		727	785		157	2192	232	207
V/C Ratio(X)		0.62	0.62		0.77	0.30	0.23	0.61
Avail Cap(c_a), veh/h		3143	3394		451	7102	1081	962
HCM Platoon Ratio		1.00	1.00		1.00	1.00	1.00	1.00
Upstream Filter(I)		1.00	1.00		1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh		8.8	8.8		17.6	3.6	15.4	16.2
Incr Delay (d2), s/veh		0.9	0.8		7.7	0.1	0.5	2.8
Initial Q Delay(d3), s/veh		0.0	0.0		0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln		2.0	2.1		1.2	0.4	0.4	1.0
Unsig. Movement Delay, s/veh								
LnGrp Delay(d), s/veh		9.7	9.6		25.4	3.7	15.9	19.1
LnGrp LOS		A	A		C	A	B	B
Approach Vol, veh/h		936				788	178	
Approach Delay, s/veh		9.6				7.0	18.1	
Approach LOS		A				A	B	
Timer - Assigned Phs		2			5	6		8
Phs Duration (G+Y+Rc), s		29.4			7.5	21.9		10.2
Change Period (Y+Rc), s		5.0			4.0	5.0		5.0
Max Green Setting (Gmax), s		79.0			10.0	73.0		24.0
Max Q Clear Time (g_c+I1), s		5.5			4.6	10.1		4.9
Green Ext Time (p_c), s		4.9			0.1	6.8		0.5

Intersection Summary	
HCM 7th Control Delay, s/veh	9.3
HCM 7th LOS	A

Notes

User approved ignoring U-Turning movement.

Intersection	
Int Delay, s/veh	0.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	790	42	5	724	0	5
Future Vol, veh/h	790	42	5	724	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	100	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	832	44	5	762	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	876	0	-	438
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	4.14	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	2.22	-	-	3.32
Pot Cap-1 Maneuver	-	-	767	-	0	567
Stage 1	-	-	-	-	0	-
Stage 2	-	-	-	-	0	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	767	-	-	567
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	NB
HCM Ctrl Dly, s/v	0	0.07	11.41
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	567	-	-	767	-
HCM Lane V/C Ratio	0.009	-	-	0.007	-
HCM Ctrl Dly (s/v)	11.4	-	-	9.7	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

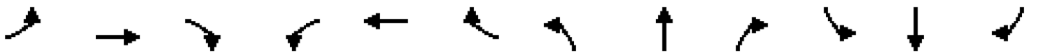
Intersection	
Int Delay, s/veh	2.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	594	159	3	721	4	238
Future Vol, veh/h	594	159	3	721	4	238
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	625	167	3	759	4	251

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	793	0	1095	396
Stage 1	-	-	-	-	709	-
Stage 2	-	-	-	-	386	-
Critical Hdwy	-	-	4.14	-	6.84	6.94
Critical Hdwy Stg 1	-	-	-	-	5.84	-
Critical Hdwy Stg 2	-	-	-	-	5.84	-
Follow-up Hdwy	-	-	2.22	-	3.52	3.32
Pot Cap-1 Maneuver	-	-	824	-	208	603
Stage 1	-	-	-	-	449	-
Stage 2	-	-	-	-	657	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	824	-	207	603
Mov Cap-2 Maneuver	-	-	-	-	332	-
Stage 1	-	-	-	-	449	-
Stage 2	-	-	-	-	653	-

Approach	EB	WB	NB
HCM Ctrl Dly, s/v	0	0.08	15.5
HCM LOS			C

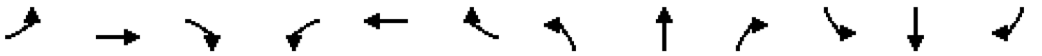
Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	595	-	-	15	-
HCM Lane V/C Ratio	0.428	-	-	0.004	-
HCM Ctrl Dly (s/v)	15.5	-	-	9.4	0
HCM Lane LOS	C	-	-	A	A
HCM 95th %tile Q(veh)	2.1	-	-	0	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	108	404	0	7	531	135	41	0	20	44	0	41
Future Volume (veh/h)	108	404	0	7	531	135	41	0	20	44	0	41
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	0	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	130	487	0	8	640	163	49	0	24	53	0	49
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Percent Heavy Veh, %	4	4	0	4	4	4	4	4	4	4	4	4
Cap, veh/h	166	1440	0	15	899	229	75	0	402	0	0	168
Arrive On Green	0.09	0.41	0.00	0.01	0.33	0.33	0.04	0.00	0.26	0.00	0.00	0.11
Sat Flow, veh/h	1753	3589	0	1753	2761	702	1753	0	1560	0	0	1560
Grp Volume(v), veh/h	130	487	0	8	405	398	49	0	24	0	0	49
Grp Sat Flow(s),veh/h/ln	1753	1749	0	1753	1749	1714	1753	0	1560	0	0	1560
Q Serve(g_s), s	2.7	3.5	0.0	0.2	7.6	7.6	1.0	0.0	0.4	0.0	0.0	1.1
Cycle Q Clear(g_c), s	2.7	3.5	0.0	0.2	7.6	7.6	1.0	0.0	0.4	0.0	0.0	1.1
Prop In Lane	1.00		0.00	1.00		0.41	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	166	1440	0	15	570	558	75	0	402	0	0	168
V/C Ratio(X)	0.78	0.34	0.00	0.53	0.71	0.71	0.65	0.00	0.06	0.00	0.00	0.29
Avail Cap(c_a), veh/h	329	1784	0	188	751	736	188	0	712	0	0	712
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	16.5	7.5	0.0	18.4	11.0	11.0	17.6	0.0	10.4	0.0	0.0	15.3
Incr Delay (d2), s/veh	7.9	0.1	0.0	26.5	2.1	2.2	9.3	0.0	0.1	0.0	0.0	1.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.8	0.0	0.2	2.2	2.2	0.5	0.0	0.1	0.0	0.0	0.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	24.4	7.6	0.0	44.9	13.1	13.2	26.8	0.0	10.5	0.0	0.0	16.3
LnGrp LOS	C	A		D	B	B	C		B			B
Approach Vol, veh/h		617			811			73			49	
Approach Delay, s/veh		11.2			13.5			21.5			16.3	
Approach LOS		B			B			C			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	0.0	13.6	4.3	19.3	5.6	8.0	7.5	16.1
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	4.0	17.0	4.0	19.0	4.0	17.0	7.0	16.0
Max Q Clear Time (g_c+I1), s	0.0	2.4	2.2	5.5	3.0	3.1	4.7	9.6
Green Ext Time (p_c), s	0.0	0.0	0.0	2.5	0.0	0.1	0.1	2.5

Intersection Summary	
HCM 7th Control Delay, s/veh	13.0
HCM 7th LOS	B



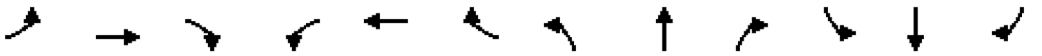
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	49	746	0	24	588	73	27	0	10	135	0	114
Future Volume (veh/h)	49	746	0	24	588	73	27	0	10	135	0	114
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	0	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	52	785	0	25	619	77	28	0	11	142	0	120
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	0	2	2	2	2	2	2	2	2	2
Cap, veh/h	77	1115	0	43	937	116	47	0	600	0	0	408
Arrive On Green	0.04	0.31	0.00	0.02	0.29	0.29	0.03	0.00	0.38	0.00	0.00	0.26
Sat Flow, veh/h	1781	3647	0	1781	3181	395	1781	0	1585	0	0	1585
Grp Volume(v), veh/h	52	785	0	25	345	351	28	0	11	0	0	120
Grp Sat Flow(s),veh/h/ln	1781	1777	0	1781	1777	1799	1781	0	1585	0	0	1585
Q Serve(g_s), s	1.2	8.2	0.0	0.6	7.2	7.2	0.7	0.0	0.2	0.0	0.0	2.6
Cycle Q Clear(g_c), s	1.2	8.2	0.0	0.6	7.2	7.2	0.7	0.0	0.2	0.0	0.0	2.6
Prop In Lane	1.00		0.00	1.00		0.22	1.00		1.00	0.00		1.00
Lane Grp Cap(c), veh/h	77	1115	0	43	523	530	47	0	600	0	0	408
V/C Ratio(X)	0.68	0.70	0.00	0.58	0.66	0.66	0.59	0.00	0.02	0.00	0.00	0.29
Avail Cap(c_a), veh/h	169	1513	0	169	756	766	211	0	600	0	0	1012
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00
Uniform Delay (d), s/veh	19.9	12.8	0.0	20.4	13.1	13.1	20.4	0.0	8.2	0.0	0.0	12.6
Incr Delay (d2), s/veh	9.8	0.9	0.0	11.9	1.4	1.4	11.3	0.0	0.1	0.0	0.0	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	2.5	0.0	0.3	2.3	2.4	0.4	0.0	0.1	0.0	0.0	0.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	29.8	13.7	0.0	32.3	14.5	14.5	31.7	0.0	8.3	0.0	0.0	13.0
LnGrp LOS	C	B		C	B	B	C		A			B
Approach Vol, veh/h		837			721			39			120	
Approach Delay, s/veh		14.7			15.1			25.1			13.0	
Approach LOS		B			B			C			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	0.0	20.0	5.0	17.3	5.1	14.9	5.8	16.5
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	16.0	16.0	4.0	18.0	5.0	27.0	4.0	18.0
Max Q Clear Time (g_c+I1), s	0.0	2.2	2.6	10.2	2.7	4.6	3.2	9.2
Green Ext Time (p_c), s	0.0	0.0	0.0	3.0	0.0	0.7	0.0	2.7

Intersection Summary	
HCM 7th Control Delay, s/veh	15.0
HCM 7th LOS	B

Notes

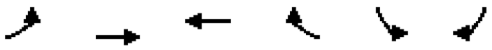
User approved pedestrian interval to be less than phase max green.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	150	250	50	230	290	380	120	540	250	460	420	200
Future Volume (veh/h)	150	250	50	230	290	380	120	540	250	460	420	200
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	163	272	9	250	315	413	130	587	48	500	457	95
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	164	826	368	310	795	355	159	900	401	462	1506	672
Arrive On Green	0.09	0.24	0.24	0.09	0.23	0.23	0.09	0.26	0.26	0.26	0.43	0.43
Sat Flow, veh/h	1753	3497	1560	3401	3497	1560	1753	3497	1560	1753	3497	1560
Grp Volume(v), veh/h	163	272	9	250	315	413	130	587	48	500	457	95
Grp Sat Flow(s),veh/h/ln	1753	1749	1560	1700	1749	1560	1753	1749	1560	1753	1749	1560
Q Serve(g_s), s	10.2	7.1	0.5	7.9	8.4	25.0	8.0	16.5	2.6	29.0	9.4	4.1
Cycle Q Clear(g_c), s	10.2	7.1	0.5	7.9	8.4	25.0	8.0	16.5	2.6	29.0	9.4	4.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	164	826	368	310	795	355	159	900	401	462	1506	672
V/C Ratio(X)	0.99	0.33	0.02	0.81	0.40	1.16	0.82	0.65	0.12	1.08	0.30	0.14
Avail Cap(c_a), veh/h	164	826	368	340	795	355	239	900	401	462	1506	672
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	49.8	34.8	32.3	49.0	36.1	42.5	49.1	36.5	31.3	40.5	20.5	19.0
Incr Delay (d2), s/veh	68.1	0.2	0.0	12.4	0.3	100.7	12.7	3.7	0.6	65.7	0.5	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.5	3.0	0.2	3.8	3.5	19.2	4.0	7.4	1.0	20.6	3.9	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	117.9	35.0	32.3	61.5	36.4	143.2	61.9	40.1	31.9	106.2	21.0	19.4
LnGrp LOS	F	D	C	E	D	F	E	D	C	F	C	B
Approach Vol, veh/h		444			978			765			1052	
Approach Delay, s/veh		65.4			87.9			43.3			61.4	
Approach LOS		E			F			D			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	33.0	32.3	14.0	30.7	13.9	51.4	15.0	29.7
Change Period (Y+Rc), s	4.0	4.0	4.0	4.7	4.0	4.0	4.7	4.7
Max Green Setting (Gmax), s	29.0	28.3	11.0	25.0	15.0	42.3	10.3	25.0
Max Q Clear Time (g_c+I1), s	31.0	18.5	9.9	9.1	10.0	11.4	12.2	27.0
Green Ext Time (p_c), s	0.0	2.8	0.1	1.4	0.1	3.5	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	65.7
HCM 7th LOS	E



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	140	570	830	140	50	50
Future Volume (veh/h)	140	570	830	140	50	50
Number	7	4	8	18	1	16
Initial Q, veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj (A_pbT)	1.00			1.00	1.00	1.00
Parking Bus Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Lanes Open During Work Zone						
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	152	620	902	134	54	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	4	4	4	4	4
Opposing Right Turn Influence	No				No	
Cap, veh/h	187	2381	1429	212	187	166
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Prop Arrive On Green	0.11	0.68	0.47	0.47	0.11	0.11
Unsig. Movement Delay						
Ln Grp Delay, s/veh	39.9	2.4	8.4	8.4	16.3	15.2
Ln Grp LOS	D	A	A	A	B	B
Approach Vol, veh/h		772	1036		62	
Approach Delay, s/veh		9.8	8.4		16.2	
Approach LOS		A	A		B	

Timer:	1	2	3	4	5	6	7	8
Assigned Phs	6			4			7	8
Case No	9.0			4.0			2.0	8.0
Phs Duration (G+Y+Rc), s	8.0			29.6			8.0	21.6
Change Period (Y+Rc), s	4.0			4.0			4.0	4.0
Max Green (Gmax), s	24.0			38.0			4.0	38.0
Max Allow Headway (MAH), s	3.9			5.0			3.7	5.1
Max Q Clear (g_c+I1), s	3.1			4.6			5.2	10.4
Green Ext Time (g_e), s	0.1			4.3			0.0	7.2
Prob of Phs Call (p_c)	1.00			1.00			0.80	1.00
Prob of Max Out (p_x)	0.00			0.00			1.00	0.08

Left-Turn Movement Data								
Assigned Mvmt	1						7	3
Mvmt Sat Flow, veh/h	1753						1753	0

Through Movement Data								
Assigned Mvmt	6			4				8
Mvmt Sat Flow, veh/h	0			3589				3146

Right-Turn Movement Data								
Assigned Mvmt	16			14				18
Mvmt Sat Flow, veh/h	1560			0				454

Left Lane Group Data								
Assigned Mvmt	1	0	0	0	0	0	7	3



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	540	50	210	780	5	110	5	260	20	5	80
Future Volume (veh/h)	30	540	50	210	780	5	110	5	260	20	5	80
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	33	587	45	228	848	4	120	5	187	22	5	16
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	54	966	74	338	1625	8	465	16	304	237	72	97
Arrive On Green	0.03	0.29	0.29	0.19	0.46	0.46	0.19	0.19	0.19	0.19	0.19	0.19
Sat Flow, veh/h	1753	3292	252	1753	3570	17	1423	80	1560	474	369	500
Grp Volume(v), veh/h	33	311	321	228	415	437	125	0	187	43	0	0
Grp Sat Flow(s),veh/h/ln	1753	1749	1795	1753	1749	1838	1503	0	1560	1343	0	0
Q Serve(g_s), s	0.7	5.8	5.8	4.5	6.4	6.4	0.0	0.0	4.1	0.0	0.0	0.0
Cycle Q Clear(g_c), s	0.7	5.8	5.8	4.5	6.4	6.4	2.3	0.0	4.1	2.3	0.0	0.0
Prop In Lane	1.00		0.14	1.00		0.01	0.96		1.00	0.51		0.37
Lane Grp Cap(c), veh/h	54	513	527	338	796	837	480	0	304	406	0	0
V/C Ratio(X)	0.61	0.61	0.61	0.67	0.52	0.52	0.26	0.00	0.61	0.11	0.00	0.00
Avail Cap(c_a), veh/h	279	1115	1144	1304	2136	2245	1166	0	1077	1078	0	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	18.0	11.4	11.4	14.1	7.3	7.3	13.1	0.0	13.9	12.5	0.0	0.0
Incr Delay (d2), s/veh	10.4	1.2	1.1	2.3	0.5	0.5	0.3	0.0	2.0	0.1	0.0	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	1.7	1.7	1.6	1.4	1.5	0.8	0.0	1.2	0.3	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	28.5	12.6	12.6	16.4	7.9	7.8	13.4	0.0	15.9	12.6	0.0	0.0
LnGrp LOS	C	B	B	B	A	A	B		B	B		
Approach Vol, veh/h		665			1080			312			43	
Approach Delay, s/veh		13.4			9.7			14.9			12.6	
Approach LOS		B			A			B			B	

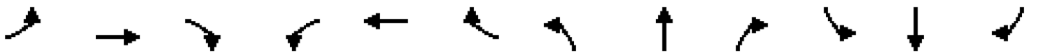
Timer - Assigned Phs	2	3	4	6	7	8
Phs Duration (G+Y+Rc), s	11.3	11.3	15.0	11.3	5.2	21.1
Change Period (Y+Rc), s	4.0	4.0	4.0	4.0	4.0	4.0
Max Green Setting (Gmax), s	26.0	28.0	24.0	26.0	6.0	46.0
Max Q Clear Time (g_c+I1), s	6.1	6.5	7.8	4.3	2.7	8.4
Green Ext Time (p_c), s	1.2	0.6	3.3	0.2	0.0	5.7

Intersection Summary	
HCM 7th Control Delay, s/veh	11.7
HCM 7th LOS	B

Intersection	
Intersection Delay, s/veh	6.4
Intersection LOS	A

Approach	EB	WB	NB	SB
Entry Lanes	2	2	1	1
Conflicting Circle Lanes	1	1	1	1
Adj Approach Flow, veh/h	1043	957	32	27
Demand Flow Rate, veh/h	1085	995	33	27
Vehicles Circulating, veh/h	16	72	841	1006
Vehicles Exiting, veh/h	1017	802	260	61
Ped Vol Crossing Leg, #/h	0	0	0	0
Ped Cap Adj	1.000	1.000	1.000	1.000
Approach Delay, s/veh	6.3	6.4	7.0	8.1
Approach LOS	A	A	A	A

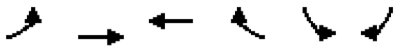
Lane	Left	Right	Left	Right	Left	Left
Designated Moves	LT	TR	LT	TR	LTR	LTR
Assumed Moves	LT	TR	LT	TR	LTR	LTR
RT Channelized						
Lane Util	0.470	0.530	0.470	0.530	1.000	1.000
Follow-Up Headway, s	2.535	2.535	2.535	2.535	2.609	2.609
Critical Headway, s	4.544	4.544	4.544	4.544	4.976	4.976
A (Intercept)	1420	1420	1420	1420	1380	1380
B (Slope)	9.101e-4	9.101e-4	9.101e-4	9.101e-4	1.02e-3	1.02e-3
Entry Flow, veh/h	510	575	468	527	33	27
Cap Entry Lane, veh/h	1400	1400	1330	1330	585	495
Entry HV Adj Factor	0.961	0.961	0.961	0.962	0.964	0.984
Flow Entry, veh/h	490	553	450	507	32	27
Cap Entry, veh/h	1345	1346	1278	1280	564	487
V/C Ratio	0.364	0.411	0.352	0.396	0.056	0.055
Control Delay, s/veh	6.0	6.6	6.1	6.6	7.0	8.1
LOS	A	A	A	A	A	A
95th %tile Queue, veh	2	2	2	2	0	0



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	420	410	150	420	280	420	80	610	250	370	680	260
Future Volume (veh/h)	420	410	150	420	280	420	80	610	250	370	680	260
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	457	446	38	457	304	457	87	663	145	402	739	190
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	481	851	380	538	445	199	110	780	348	418	1392	621
Arrive On Green	0.27	0.24	0.24	0.16	0.13	0.13	0.06	0.22	0.22	0.23	0.39	0.39
Sat Flow, veh/h	1781	3554	1585	3456	3554	1585	1781	3554	1585	1781	3554	1585
Grp Volume(v), veh/h	457	446	38	457	304	457	87	663	145	402	739	190
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1585	1781	1777	1585	1781	1777	1585
Q Serve(g_s), s	29.0	12.6	2.2	14.8	9.4	9.3	5.5	20.6	9.1	25.7	18.4	4.1
Cycle Q Clear(g_c), s	29.0	12.6	2.2	14.8	9.4	9.3	5.5	20.6	9.1	25.7	18.4	4.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	481	851	380	538	445	199	110	780	348	418	1392	621
V/C Ratio(X)	0.95	0.52	0.10	0.85	0.68	2.30	0.79	0.85	0.42	0.96	0.53	0.31
Avail Cap(c_a), veh/h	484	959	428	756	771	344	186	904	403	418	1392	621
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.3	38.1	34.1	47.3	48.2	21.0	53.3	43.1	38.6	43.6	26.9	4.5
Incr Delay (d2), s/veh	28.8	0.5	0.1	6.6	1.9	600.6	11.7	6.9	0.8	34.4	0.4	0.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	16.2	5.4	0.8	6.7	4.2	36.5	2.8	9.7	3.5	15.1	7.7	3.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	70.1	38.6	34.2	53.9	50.0	621.6	65.0	50.1	39.4	78.0	27.3	4.8
LnGrp LOS	E	D	C	D	D	F	E	D	D	E	C	A
Approach Vol, veh/h		941			1218			895			1331	
Approach Delay, s/veh		53.7			266.0			49.8			39.4	
Approach LOS		D			F			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	31.0	29.3	22.6	32.3	11.1	49.1	35.8	19.1
Change Period (Y+Rc), s	4.0	4.0	4.7	4.7	4.0	4.0	4.7	4.7
Max Green Setting (Gmax), s	27.0	29.3	25.2	31.1	12.0	44.3	31.3	25.0
Max Q Clear Time (g_c+I1), s	27.7	22.6	16.8	14.6	7.5	20.4	31.0	11.4
Green Ext Time (p_c), s	0.0	2.7	1.1	2.6	0.1	5.9	0.1	3.0

Intersection Summary	
HCM 7th Control Delay, s/veh	107.5
HCM 7th LOS	F



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (veh/h)	90	1010	910	100	190	160
Future Volume (veh/h)	90	1010	910	100	190	160
Initial Q (Qb), veh	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00			1.00	1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No	No		No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	98	1098	989	96	207	124
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	413	2074	1910	185	339	302
Arrive On Green	0.58	0.58	0.58	0.58	0.19	0.19
Sat Flow, veh/h	520	3647	3366	318	1781	1585
Grp Volume(v), veh/h	98	1098	537	548	207	124
Grp Sat Flow(s),veh/h/ln	520	1777	1777	1813	1781	1585
Q Serve(g_s), s	4.9	6.6	6.4	6.4	3.8	2.4
Cycle Q Clear(g_c), s	11.3	6.6	6.4	6.4	3.8	2.4
Prop In Lane	1.00			0.18	1.00	1.00
Lane Grp Cap(c), veh/h	413	2074	1037	1058	339	302
V/C Ratio(X)	0.24	0.53	0.52	0.52	0.61	0.41
Avail Cap(c_a), veh/h	521	2813	1406	1435	1208	1075
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	7.8	4.4	4.4	4.4	13.1	12.6
Incr Delay (d2), s/veh	0.3	0.2	0.4	0.4	1.8	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.7	0.7	0.7	1.4	0.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d), s/veh	8.1	4.7	4.8	4.8	14.9	13.5
LnGrp LOS	A	A	A	A	B	B
Approach Vol, veh/h		1196	1085		331	
Approach Delay, s/veh		4.9	4.8		14.4	
Approach LOS		A	A		B	

Timer - Assigned Phs	4	6	8
Phs Duration (G+Y+Rc), s	24.6	10.7	24.6
Change Period (Y+Rc), s	4.0	4.0	4.0
Max Green Setting (Gmax), s	28.0	24.0	28.0
Max Q Clear Time (g_c+I1), s	13.3	5.8	8.4
Green Ext Time (p_c), s	7.4	1.0	6.8

Intersection Summary	
HCM 7th Control Delay, s/veh	6.1
HCM 7th LOS	A

Intersection	
Intersection Delay, s/veh	6.9
Intersection LOS	A

Approach	EB	WB	NB	SB
Entry Lanes	2	2	1	1
Conflicting Circle Lanes	1	1	1	1
Adj Approach Flow, veh/h	1120	1163	87	81
Demand Flow Rate, veh/h	1142	1186	89	82
Vehicles Circulating, veh/h	16	0	1131	1175
Vehicles Exiting, veh/h	1241	1220	27	11
Ped Vol Crossing Leg, #/h	0	0	0	0
Ped Cap Adj	1.000	1.000	1.000	1.000
Approach Delay, s/veh	6.5	6.5	11.6	11.9
Approach LOS	A	A	B	B

Lane	Left	Right	Left	Right	Left	Left
Designated Moves	LT	TR	LT	TR	LTR	LTR
Assumed Moves	LT	TR	LT	TR	LTR	LTR
RT Channelized						
Lane Util	0.470	0.530	0.470	0.530	1.000	1.000
Follow-Up Headway, s	2.535	2.535	2.535	2.535	2.609	2.609
Critical Headway, s	4.544	4.544	4.544	4.544	4.976	4.976
A (Intercept)	1420	1420	1420	1420	1380	1380
B (Slope)	9.101e-4	9.101e-4	9.101e-4	9.101e-4	1.02e-3	1.02e-3
Entry Flow, veh/h	537	605	557	629	89	82
Cap Entry Lane, veh/h	1400	1400	1420	1420	435	416
Entry HV Adj Factor	0.980	0.981	0.981	0.980	0.978	0.987
Flow Entry, veh/h	526	594	547	616	87	81
Cap Entry, veh/h	1372	1373	1394	1392	426	411
V/C Ratio	0.384	0.432	0.392	0.443	0.204	0.197
Control Delay, s/veh	6.2	6.8	6.2	6.8	11.6	11.9
LOS	A	A	A	A	B	B
95th %tile Queue, veh	2	2	2	2	1	1

Approach		
Approach Direction	NB	
Median Refuge?	Yes	
Marked Crosswalk?	No	
RRFB?	No	
K-Factor	0.08	
Approach Delay(s)	139.26	
Level of Service	F	
Average Dissatisfaction Prob	0.688	
Ped Crossing LOS	F	

Crosswalk		
Length (ft)	24	24
Lanes Crossed	2	2
Veh Vol Crossed (veh/h)	1430	1310
Yield Rate(%)	0	0
Ped Platooning	No	No
Critical Headway (s)	9.00	9.00
Prob of Blocked Lane	0.83	0.81
Prob of Delayed Crossing	0.97	0.96
Delay for adq Gap (s)	80.60	63.31
Avg Ped Delay (s)	78.34	60.92

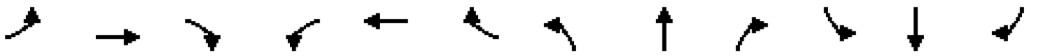
Approach		
Approach Direction	SB	
Median Refuge?	Yes	
Marked Crosswalk?	No	
RRFB?	No	
K-Factor	0.08	
Approach Delay(s)	139.26	
Level of Service	F	
Average Dissatisfaction Prob	0.688	
Ped Crossing LOS	F	

Crosswalk		
Length (ft)	24	24
Lanes Crossed	2	2
Veh Vol Crossed (veh/h)	1310	1430
Yield Rate(%)	0	0
Ped Platooning	No	No
Critical Headway (s)	9.00	9.00
Prob of Blocked Lane	0.81	0.83
Prob of Delayed Crossing	0.96	0.97
Delay for adq Gap (s)	63.31	80.60
Avg Ped Delay (s)	60.92	78.34

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	150	250	50	230	290	380	120	540	250	460	420	200
Future Volume (veh/h)	150	250	50	230	290	380	120	540	250	460	420	200
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	163	272	9	250	315	413	130	587	48	500	457	95
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	186	830	370	306	753	608	158	1240	553	593	1536	685
Arrive On Green	0.11	0.24	0.24	0.09	0.22	0.22	0.09	0.35	0.35	0.17	0.44	0.44
Sat Flow, veh/h	1753	3497	1560	3401	3497	1560	1753	3497	1560	3401	3497	1560
Grp Volume(v), veh/h	163	272	9	250	315	413	130	587	48	500	457	95
Grp Sat Flow(s),veh/h/ln	1753	1749	1560	1700	1749	1560	1753	1749	1560	1700	1749	1560
Q Serve(g_s), s	10.6	7.5	0.5	8.4	9.0	25.0	8.5	15.1	2.4	16.5	9.8	4.2
Cycle Q Clear(g_c), s	10.6	7.5	0.5	8.4	9.0	25.0	8.5	15.1	2.4	16.5	9.8	4.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	186	830	370	306	753	608	158	1240	553	593	1536	685
V/C Ratio(X)	0.88	0.33	0.02	0.82	0.42	0.68	0.82	0.47	0.09	0.84	0.30	0.14
Avail Cap(c_a), veh/h	186	830	370	322	753	608	242	1240	553	1113	1536	685
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	51.2	36.6	34.0	51.9	39.3	29.4	52.0	29.1	25.0	46.4	21.0	19.5
Incr Delay (d2), s/veh	34.6	0.2	0.0	14.6	0.4	3.1	12.8	1.3	0.3	3.4	0.5	0.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.4	3.2	0.2	4.1	3.8	9.7	4.2	6.5	0.9	7.2	4.0	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	85.8	36.9	34.0	66.5	39.7	32.5	64.7	30.4	25.3	49.8	21.5	19.9
LnGrp LOS	F	D	C	E	D	C	E	C	C	D	C	B
Approach Vol, veh/h		444			978			765			1052	
Approach Delay, s/veh		54.8			43.5			35.9			34.8	
Approach LOS		D			D			D			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	24.3	45.2	14.4	32.3	14.4	55.0	17.0	29.7
Change Period (Y+Rc), s	4.0	4.0	4.0	4.7	4.0	4.0	4.7	4.7
Max Green Setting (Gmax), s	38.0	29.0	11.0	25.3	16.0	51.0	12.3	25.0
Max Q Clear Time (g_c+I1), s	18.5	17.1	10.4	9.5	10.5	11.8	12.6	27.0
Green Ext Time (p_c), s	1.7	3.1	0.1	1.4	0.1	3.6	0.0	0.0

Intersection Summary	
HCM 7th Control Delay, s/veh	40.4
HCM 7th LOS	D



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	420	410	150	420	280	420	80	610	250	370	680	260
Future Volume (veh/h)	420	410	150	420	280	420	80	610	250	370	680	260
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	457	446	38	457	304	457	87	663	145	402	739	190
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	499	975	435	558	554	482	112	830	370	512	1132	505
Arrive On Green	0.28	0.27	0.27	0.16	0.16	0.16	0.06	0.23	0.23	0.15	0.32	0.32
Sat Flow, veh/h	1781	3554	1585	3456	3554	1585	1781	3554	1585	3456	3554	1585
Grp Volume(v), veh/h	457	446	38	457	304	457	87	663	145	402	739	190
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1585	1781	1777	1585	1728	1777	1585
Q Serve(g_s), s	23.7	9.9	1.7	12.2	7.5	10.6	4.6	16.8	7.4	10.7	17.1	4.0
Cycle Q Clear(g_c), s	23.7	9.9	1.7	12.2	7.5	10.6	4.6	16.8	7.4	10.7	17.1	4.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	499	975	435	558	554	482	112	830	370	512	1132	505
V/C Ratio(X)	0.92	0.46	0.09	0.82	0.55	0.95	0.77	0.80	0.39	0.79	0.65	0.38
Avail Cap(c_a), veh/h	641	1129	504	880	756	572	261	1080	482	1413	2012	897
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	33.3	28.7	25.7	38.6	37.1	12.4	44.0	34.4	30.8	39.2	28.0	5.2
Incr Delay (d2), s/veh	15.5	0.3	0.1	3.4	0.8	23.4	10.8	3.3	0.7	2.7	0.6	0.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	11.8	4.1	0.6	5.2	3.2	6.8	2.3	7.4	2.8	4.6	7.1	3.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	48.7	29.0	25.8	42.1	38.0	35.7	54.8	37.7	31.5	41.9	28.6	5.7
LnGrp LOS	D	C	C	D	D	D	D	D	C	D	C	A
Approach Vol, veh/h		941			1218			895			1331	
Approach Delay, s/veh		38.5			38.7			38.4			29.3	
Approach LOS		D			D			D			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	18.1	26.3	20.1	30.9	10.0	34.4	31.4	19.6
Change Period (Y+Rc), s	4.0	4.0	4.7	4.7	4.0	4.0	4.7	4.7
Max Green Setting (Gmax), s	39.0	29.0	24.3	30.3	14.0	54.0	34.3	20.3
Max Q Clear Time (g_c+I1), s	12.7	18.8	14.2	11.9	6.6	19.1	25.7	12.6
Green Ext Time (p_c), s	1.4	3.5	1.2	2.7	0.1	6.4	1.0	2.2

Intersection Summary	
HCM 7th Control Delay, s/veh	35.7
HCM 7th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.