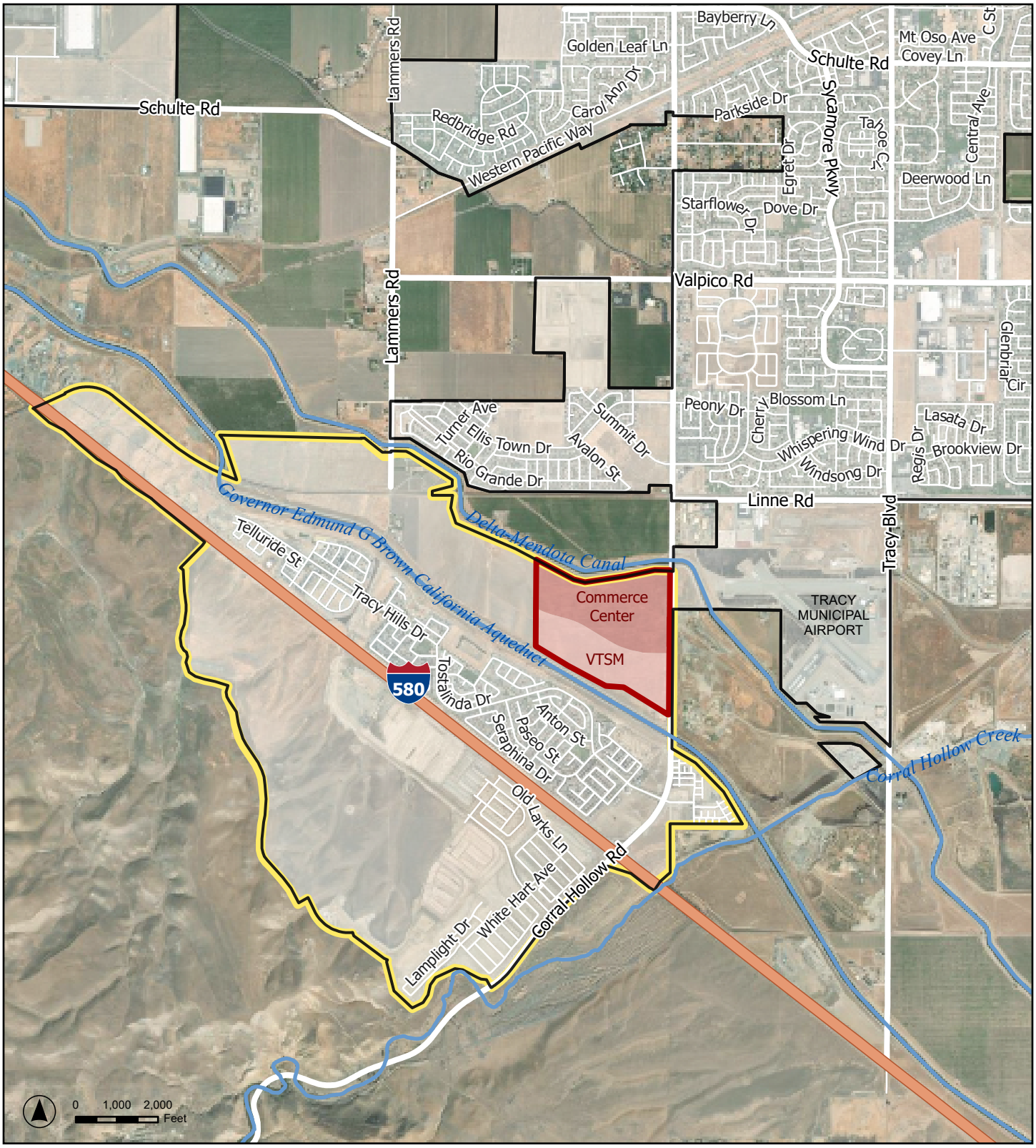
July 1, 2025

Regular City Council Meeting

Attachments for Agenda Item 3.A

Please contact the City Clerk's Office at (209) 831-6105 with any questions.

Attachment A



Legend

- Project Boundary
- Commerce Center
- VTSM
- Tracy City Boundary
- Tracy Hills Specific Plan Area

TRACY HILLS COMMERCE CENTER PROJECT

Project Vicinity

Sources: City of Tracy GIS; San Joaquin County GIS; USGS Hydrography. Map Date: January 21, 2025.

DE NOVO PLANNING GROUP

De Novo Planning Group

A Land Use Planning, Design, and Environmental Firm

Memorandum

date	May 20, 2025
to	Scott Claar, Planning Manager – City of Tracy
cc	Matthew Summers, Interim Assistant City Attorney;
	Forrest Ebbs, Director of Community and Economic Development – City of Tracy
from	Christina Erwin and Ben Ritchie, De Novo Planning Group
subject	Tracy Hills Commerce Center – Further CEQA Clarifications

The City of Tracy prepared a Consistency Analysis and Environmental Checklist for the Tracy Hills Specific Plan Amendment and the Commerce Center Project (February 2025) (the "Consistency Analysis"). During the Planning Commission meeting held on April 9, 2025, Planning Commissioners listened to staff's presentation, listened to a presentation from the project applicant team, and asked clarifying questions about the project itself and the process the City undertook to ensure the project complied with the California Environmental Quality Act (CEQA). As a result of the questions asked, further clarification is needed to address a few key issues related to project design and lighting effects, traffic analyses, and air quality and air emissions. Staff is not recommending any new mitigation measures, as the existing mitigation measures ensure the project remains in compliance with all previously established environmental commitments.

Background

In 2016, the City certified the Tracy Hills Specific Plan (THSP) Subsequent Environmental Impact Report (EIR). The THSP Subsequent EIR disclosed certain environmental impacts that would occur as part of the THSP buildout. It was noted that buildout within the THSP area would occur over an approximately 20-year timeframe, and would occur in phases as individual land owners submit development applications. The THSP Subsequent EIR determined that some environmental impacts could be mitigated below specified thresholds, resulting in less-than-significant environmental impacts (biological resources, cultural resources, geologic resources, hazards and hazardous materials, hydrology and water quality, land use, and public services and utilities). However, in numerous topical areas the THSP Subsequent EIR found that the project was likely to have significant and unavoidable environmental impacts, despite all feasible mitigation being required and implemented (aesthetics, agricultural resources, air quality, greenhouse gas emissions, noise, and traffic and circulation). All mitigation measures identified in the THSP Subsequent EIR shall be required for subsequent projects that are proposed within the THSP area, consistent with the Findings of Fact and Statement of Overriding Considerations adopted for the THSP – including the proposed Tracy Hills Commerce Center project.

Pursuant to CEQA Guidelines Section 15168(c), the City reviewed the application materials for the proposed Tracy Hills Commerce Center project (the "Project") to determine whether it was within the scope of the development program evaluated in the THSP Subsequent EIR. Pursuant to Section 15168, the City applied the criteria and requirements set forth in Section 15162(a) of the CEQA Guidelines to determine whether any further environmental review would be required. The City's review and determinations are documented in the Consistency Analysis.

The Project proposes an amendment to the THSP to change the maximum building height in the Light Industrial (M1-TH) zone from 45 feet to 47 feet, a vertical alteration of only 2 feet. The change to the maximum building height in the M1-TH zone:

- would not result in a net change of developable land;
- would not allow for a change in the square footage of development permitted or alter the approved land use densities; and
- may only minimally change the overall allowed specific types of light industrial uses that may occupy the buildings as the internal building heights would be increased by two feet, allowing for potentially additional stacking of warehouse goods.

The proposed Specific Plan amendment also adopts design and development standards for the project site, as the original Specific Plan required a subsequent Specific Plan amendment for any development other than in Phase 1A, per THSP Section 5.1.6. The purpose of the Consistency Analysis was to analyze any potential differences between the impacts identified in the previously certified THSP Subsequent EIR and those that would be associated with the Project. The Consistency Analysis reviews the Project application materials in light of the THSP Subsequent EIR analysis and asks five questions:

1. Were the potential impacts of the proposed Project adequately analyzed in the prior environmental document?
2. Does the Project propose changes that would involve new or substantially more severe significant impacts?
3. Are there any new circumstances involving new or substantially more severe significant impacts?
4. Is there any substantially important new information requiring new analysis or verification?
5. Have any mitigation measures been implemented, or are required to be implemented, to address environmental impacts?

All five of these questions are answered in the Consistency Analysis for each of the environmental resource categories identified in CEQA Guidelines Appendix G. Further, the Consistency Analysis documents how the development assumptions for the Project were enveloped within development assumptions previously made within the THSP Subsequent EIR.

Project Design and Light Production

Like most industrial and business park operations, the Project site is expected to be lit at night. As with all projects within the THSP area, the Tracy Hills Design Guidelines would apply, prescribing allowable light standard types, illumination thresholds, and signage requirements. The on-site light standards for the Project would be as established in Appendix E, Tracy Hills Commerce Center Design Guidelines, of the proposed THSP Amendment, which depicts an LED light fixture mounted on a 30-foot pole with a concrete base typical of industrial development (Figure E-22). A matching building mounted fixture would also be used within the truck courts and around the buildings to provide the necessary site illumination and promote employee safety.

General Plan Goal CC-1, Objective CC-1.1, Policy P5 requires lighting on private and public property to be designed to provide safe and adequate lighting, while minimizing light spillage to adjacent properties. The City's Design Goals and Standards (Resolution No. 2019-137) regulate the type of light fixtures, location of light standards, and purpose of lighting on a site. Specifically, "Lighting should be architecturally compatible with the building and site design, and should have a 40' maximum height for a freestanding light pole. A 60' maximum height may be allowed with a Conditional Use Permit (CUP). Lighting should utilize ornamental fixtures rather than unattractive "cobra heads" and be low profile and in scale with the setting and may include post lights and light bollards. … All lighting fixtures shall be fully shielded with cut-off fixtures so that there is no glare emitted onto adjacent properties or above the lowest part of the fixture."[1] The California Building Code, with which the Tracy Municipal Code incorporates by reference, also requires exterior lighting to be directed or shielded downward to prevent light trespass and spillover and using automatic scheduling controls to automatically turn off the lighting when daylight is available.

The location and design of signs and sign structures are guided by the Tracy Municipal Code Article 35, which provides "standards to safeguard the health, safety and welfare of the community by regulating and controlling the type, number, area, height, structural design, quality of materials, construction, illumination, location and maintenance of all signs and sign structures." Chapter 9.28 of the Municipal Code also sets forth guidelines for sign permits as well as structural requirements to prevent the use of unsafe or unlawful signs.

Implementation of established policies and standards would ensure that light would be directed downward and shielded, reducing the amount of light spillover and glare potentially produced.

[1] City of Tracy, 2019. City of Tracy Design Goals and Standards, Resolution No. 2009-137. Site Planning & Design. June 18. Section 2.5, p.2-8

Transportation and Roadway Impacts

Traffic Study

A traffic report prepared several years ago may become outdated for subsequent CEQA applications unless specific conditions support its continued relevance. However, such a report may remain valid if it reflects current conditions and remains consistent with CEQA requirements. For instance, if there have been no substantial changes in the area's land use, transportation infrastructure, or traffic volumes, the findings of the original report may still be applicable. Similarly, if the project's scope, intensity, and access points remain unchanged, the original analysis might still accurately assess potential traffic impacts. In some cases, the project may fall under a broader programmatic Environmental Impact Report (EIR), such as a Specific Plan EIR, that included relevant traffic analysis. In these cases, CEQA allows for "tiering," which enables the use of prior analysis to streamline environmental review.

The lead agency has discretion under CEQA to determine—based on substantial evidence—that the conditions analyzed in the older traffic report remain essentially the same, and it may choose to rely on that report. As a best practice, even if the original report appears to remain applicable, agencies and consultants should prepare a technical memorandum or update that evaluates current traffic conditions, regulatory changes, and the continuing relevance of the original data. This supplemental documentation strengthens the administrative record and helps ensure CEQA compliance.

In the case of this Project, the City prepared an updated traffic report (2021) to validate information from the previous report, including traffic volumes, project trip generation, and roadway operational conditions. The number of project trips anticipated to be generated by the proposed Project was calculated using the adopted trip generation rates in the THSP Subsequent EIR and the ITE Trip Generation Manual. The trip generation for the proposed Project was calculated using the ITE land use code for Other (Industrial/Warehousing). The analysis methodology is consistent and uses ITE trip rates as they are updated by ITE. When a new project is proposed, traffic engineers will use the most current version of the ITE Trip Generation Manual to model trip generation volumes.

In this case, the updated traffic analysis found no deviation in methodology from the prior report, and a review of the existing roadway network confirmed that conditions had not substantially changed beyond those previously assumed. Therefore, the original traffic report (2015), as supplemented by the updated report (2021), remains valid for CEQA purposes and continues to provide a sound basis for evaluating the project's transportation impacts.

Circulation System

When the traffic analysis for the THSP Subsequent EIR was conducted in 2015, it found that the THSP would generate 6,154 AM peak hour trips and 11,616 PM peak hour trips. Based on that information, the THSP Subsequent EIR developed a mitigation measure to ensure that surrounding roadways were of

sufficient size to handle increased traffic from buildout of the THSP. THSP Subsequent EIR Mitigation Measure 4.13-2 notes that, "Widening Corral Hollow Road and constructing and widening Lammers Road shall be in place when the project generates 2,588 AM peak hour trips." In the mitigation measure, "project" refers to the entire THSP. Therefore, each individual development project proposed within the THSP area would need to evaluate its contribution of AM and PM peak trips, and also look at the total number of AM and PM peak trips for all THSP development approved. For example, if a project were to be proposed and it is the third project within the THSP area, an analysis would need to be conducted to consider the AM and PM peak hour trips for the first, second, and third projects proposed within the THSP area. That number, particularly for AM peak hour trips, would then be compared to the 2,588 AM peak hour trip threshold identified in THSP Subsequent EIR Mitigation Measure 4.13-2 to see whether physical improvements to Corral Hollow Road and Lammers Road are warranted.

As part of the Consistency Analysis performed for the Project, a traffic analysis was prepared to determine how many AM and PM peak hour trips would be generated, for both the proposed Project alone and the cumulative amount of approved development within the THSP area. The Commerce Center analysis showed that the proposed Project would generate 295 AM peak hour trips and 571 PM peak hour trips. Trips for the Commerce Center Project were then added to the trips generated by other projects already approved within the THSP area. That analysis showed that total trips generated for the previously approved projects plus the Commerce Center Project is 2,349 AM peak hour trips and 4,490 PM peak hour trips.

As the Commerce Center Project plus the approved projects within the THSP area would generate 2,349 AM peak hour trips, approval of the Commerce Center Project would not trip the threshold identified of 2,588 AM peak hour trips. Therefore, the widening of Corral Hollow Road and the construction and widening of Lammers Road would not yet be required, even if the Commerce Center is approved.

Air Quality and Greenhouse Gas Emissions

The increase in building height by two feet would not be a "substantial change" or constitute a change of "substantial importance" sufficient to require additional environmental review under CEQA Guidelines Section 15162(a). An increase in building height would not alter the amount of traffic generated by development of the THSP or the Commerce Center Project and would not facilitate any new or different uses that would be expected to generate additional emissions or have other air quality or GHG effects. The absence of an increase in traffic trips generally indicates that greenhouse gas (GHG) emissions associated with a proposed project are not expected to increase. This is because GHG emissions from vehicular sources are closely tied to the number of trips generated, their length, and the types of vehicles involved. If a project does not generate additional trips compared to existing conditions or a previously analyzed baseline, it means there is no added vehicle activity contributing to emissions, assuming other factors like trip length and vehicle types remain constant. Without an increase in trip

generation, fuel consumption and tailpipe emissions—two primary sources of transportation-related GHG emissions—remain stable or may even decline due to ongoing improvements in vehicle efficiency and cleaner fuel standards.

Because the Commerce Center Project is not expected to generate an increase in traffic trips or associated GHG emissions, the previously adopted mitigation measures remain sufficient to address potential transportation and climate-related impacts. These measures were originally developed based on a comprehensive analysis of the THSP's expected impacts and were designed to ensure compliance with CEQA requirements at the time. Since the current conditions and project characteristics have not changed in a way that would increase impacts, there is no new information or substantial evidence indicating the need for additional mitigation.

The effectiveness of the original mitigation measures outlined in the THSP Subsequent EIR continues to be supported by the updated technical analysis, which confirms that the assumptions and methodologies used in the prior report remain valid. The environmental conditions analyzed previously are still applicable, and the mitigation measures continue to be appropriate and adequate to minimize potential impacts. Therefore, no new or revised mitigation is necessary under CEQA, and the project remains in compliance with all previously established environmental commitments.

Attachment C

CONSISTENCY ANALYSIS AND ENVIRONMENTAL CHECKLIST

February 2025

Tracy Hills Specific Plan Amendment and the Commerce Center Project

Prepared For:

City of Tracy
Department of Community and Economic Development
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Prepared By:

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INTRODUCTION

This document provides an analysis of a proposed amendment to the Tracy Hills Specific Plan (THSP) and development of the Commerce Center Project (herein referred collectively as the "proposed Project'" separately referred to as "Specific Plan Amendment" and "Commerce Center Project"). The Specific Plan Amendment would address approximately 180.39 acres of the approved THSP Area, which is approximately 2,732 acres in total. The proposed Commerce Center Project would develop up to approximately 1.73 million square feet (sf) of industrial facilities on approximately 97.35 acres of the amended THSP Area immediately southwest of Corral Hollow Road and the Delta Mendota Canal. Approvals required for implementation of the proposed Project include: a Development Review Permit, Vesting Tentative Subdivision Map, and a Specific Plan Amendment. The proposed Specific Plan Amendment would be required for approval of increasing the maximum building height by two feet, to 47 feet, to allow development of buildings with internal clear heights of up to 42 feet. Development of the Commerce Center Project would then be consistent with the Amended Specific Plan. The proposed Project would be consistent with existing General Plan land use and zoning designations. The proposed Project would not result in a net gain of developable land, would not allow for any increased development or increased density, and would minimally change the overall allowed land uses as compared to what was analyzed in the certified Tracy Hills Specific Plan Recirculated Subsequent Environmental Impact Report (THSP SEIR) (certified 2016).

CALIFORNIA ENVIRONMENTAL QUALITY ACT

This Consistency Analysis has been prepared in accordance with the provisions of the California Environmental Quality Act (CEQA) (California Public Resources Code [PRC] §§ 21000 et seq.); the State CEQA Guidelines (Title 14, California Code of Regulations [CCR] §§ 15000 et seq.); and the rules, regulations, and procedures for implementing CEQA as set forth by the City of Tracy (City).

Under Section 15168(c) of the CEQA Guidelines, when a program EIR has been certified for a development program such as a general plan or specific plan, "later activities in the program must be examined in the light of the program EIR to determine whether an additional environmental document must be prepared." Section 15168(c)(2) further states, "if the agency finds that pursuant to Section 15162, no subsequent EIR would be required, the agency can approve the activity as being with the scope of the project covered by the program EIR, and no new environmental document would be required."

Section 15162(a) of the State CEQA Guidelines states the following:

(a) When an EIR has been certified or a negative declaration adopted for a project, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, one of more of the following:

    (1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

(2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.

(3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the negative declaration was adopted, shows any of the following:

(A) The project will have one or more significant environmental effects not discussed in the previous EIR or negative declaration.

(B) Significant effects previously examined will be substantially more severe than shown in the previous EIR.

(C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or

(D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Pursuant to CEQA Guidelines Section 15168, the City has prepared this Consistency Analysis and environmental checklist to determine whether any of the conditions described in Section 15162(a) would occur, or whether any changes or additions would be required to the THSP SEIR, if the proposed Project is approved.

Based on the analysis and evaluation provided in this Consistency Analysis, no new significant impacts would occur because of the proposed Project, nor would there be any substantial increase in the severity of any previously identified significant environmental impact. In addition, no new information of substantial importance shows that mitigation measures or alternatives that were previously found not to be feasible or that are considerably different from those analyzed in the Tracy Hills Specific Plan Recirculated Subsequent Environmental Impact Report would substantially reduce one or more significant effects on the environment. Therefore, no conditions described in Section 15162(a) of the CEQA Guidelines have occurred or would occur with approval of the proposed Project. In addition, no changes or additions to the THSP SEIR were or are required for review and approval of the proposed Project. Therefore, based on Section 15168(c)(2) of the CEQA Guidelines, the City can approve the proposed Project as within the scope of the development program evaluated in the THSP SEIR and no further environmental document is required.

Tracy Hills Specific Plan Subsequent EIR (Certified 2016)

The Tracy City Council approved the THSP and certified the corresponding Recirculated Subsequent EIR (Tracy Hills Specific Plan SEIR [SCH# 2013102053]) on April 5, 2016 (the "THSP SEIR"). The THSP SEIR evaluates the potential environmental impacts resulting from the approval and implementation of the THSP. The THSP involves the development of approximately 2,732 acres of land with residential, commercial, open space, mixed-use business park, and industrial uses. The THSP SEIR evaluated several actions associated with implementation of the THSP including approval of the Specific Plan and a General Plan Amendment; approval of a Zoning Map and Text Amendment; approval of a development agreement; approval of a new Storm Drainage Master Plan; tentative and final map approvals; and development permits and building permits. The THSP sets forth a comprehensive planning framework, and identifies development regulations and design guidelines relating to land uses, development standards, architecture, landscaping, park/recreational and open space facilities, circulation, signage, sustainability features, as well as all other necessary on- and off-site infrastructure improvements required to implement the THSP.

This analysis incorporates by reference, where relevant and appropriate, discussion and analysis contained in the previously certified THSP SEIR.

Purpose of Consistency Analysis and Environmental Checklist

The purpose of this Consistency Analysis is to analyze any potential differences between the impacts identified in the previously certified THSP SEIR and those that would be associated with the proposed Project. The analysis is organized in the form of an environmental checklist with thresholds of significance that were in place at the time the THSP SEIR was certified.

Pursuant to provisions of CEQA and the State CEQA Guidelines, the City of Tracy is the Lead Agency charged with the responsibility of determining whether to approve the proposed Project. As part of its decision-making process, the City is required to review and consider whether the proposed Project would create new significant impacts or significant impacts that would be substantially more severe than those disclosed in the previously certified THSP SEIR. The decision-making body must consider the whole of the data presented in the THSP SEIR and this Consistency Analysis. As a project that is within the scope of the program analyzed in the THSP SEIR, additional CEQA review beyond this Consistency Analysis would only be triggered if the environmental effects of the proposed Project are not covered in the THSP SEIR pursuant to Section 15168(c) or one or more of the circumstances or conditions described in Section 15162(a) of the CEQA Guidelines was determined to be present or to have occurred.

PROPOSED PROJECT

Project Location

The THSP Area, which includes the totality of the 2,732-acre area analyzed in the THSP SEIR, is located within the southwestern portion of the City (**Figure 1**). The THSP Area surrounds the existing Interstate 580 (I-580) / Corral Hollow Road interchange and the future I-580 / Lammers Road interchange, and is

bordered by the Delta Mendota Canal and the Union Pacific Railroad to the north, hillsides used for livestock grazing to the west and southwest, Corral Hollow Road to the southeast, and privately owned lands designated and zoned for aggregate extraction to the east (**Figure 2**).

The following terms are used throughout this Consistency Analysis to describe the planning boundaries within the Project site:

- **Project site**: totals 180.39 acres of the approved THSP Area. This encompasses both the Commerce Center and Vesting Tentative Subdivision Map areas as described below.
- **Commerce Center Project:** totals approximately 97.35 acres on the northern portion of the Project site, located immediately southwest of Corral Hollow Road and the Delta Mendota Canal. The Commerce Center project would develop up to approximately 1.73 million square feet (sf) of industrial facilities across seven buildings.
- **Vesting Tentative Subdivision Map (VTSM) area:** totals approximately 83.04 acres on the southern portion of the Project site, bordered by Corral Hollow Road on the east and the California Aqueduct on the south. This area would create parcels for future development consistent with the THSP.

General Plan and Zoning

The Project site has an existing General Plan land use designation of Light Industrial (M1-TH) and a zoning designation of Light Industrial (M1-TH). Refer to **Figure 3**, *Existing General Plan Land Use Map* and **Figure 4**, *Tracy Hill Specific Plan Land Use Map.* Light industrial uses permitted within the THSP include warehousing, storage, and light manufacturing uses. The Project as proposed would be consistent with the General Plan land use, the THSP land use and zoning designations.

A portion of the Project is also located within the San Joaquin Council of Governments Airport Land Use Compatibility Plan. Refer to **Figure 5**, *ALUCP Compatibility Zones for the Tracy Municipal Airport (TCY).* Accordingly, the Project would be subject to review for compatibility with ALUCP criteria.

Tracy Hills Specific Plan Amendment

An application for an Amendment to the previously approved THSP has been submitted to the City of Tracy for consideration. Currently, the maximum building height for the M1-TH zone is 45 feet. To accommodate potential future market demands, the applicant is seeking approval for a maximum building height of 47 feet tall to allow the development of buildings with internal clear heights of up to 36 feet. Accordingly, the proposed Project would revise the THSP Development Standards for the Light Industrial (M1-TH) zone to allow a maximum building height of 47 feet tall.

Vesting Tentative Subdivision Map

The proposed Project includes a new Vesting Tentative Subdivision Map that is comprised of 16 parcels including nine parcels proposed for development (Parcels 1 – 9), six parcels for future commercial

development (Parcels 11 – 16; Lot 1 - 6), and one parcel (Parcel 10) and a designated remainder parcel for future development. **Table 1**: *Project Building Specifications* describes each parcel. Refer to **Figure 6**, *Master Site Plan.*

Proposed Development

The proposed Project would construct seven Class "A", modern industrial buildings ranging from approximately 117,854 sf to 354,779 sf. The Project buildings are designed to house warehouse operations. Each building would include dock doors, truck trailer and auto parking, and site landscaping. Table 1: *Project Building Specifications* summarizes the features of each building.

Table 1: Project Building Specifications

Parcel/ Building No.	Parcel Area (ac)	Building Area (SF)	Building Height (ft)	Dock Doors	Grade Doors	Truck Trailer Stalls	Auto Stalls
1	12.16	233,070	44'-8"	36	2	56	185
2	14.06	274,060	44'-8"	39	2	61	182
3	19.27	354,779	47’	50	2	77	325
4	17.43	350,628	47’	50	2	75	312
5	11.87	248,219	43'	36	2	45	129
6	6.93	117,854	44’	18	2	0	75
7	8.23	149,809	44’	22	2	0	107
Total	**89.93**	**1,728,419**		**251**	**14**	**316**	**1,316**

Source: Ridgeline Property Group, 2024.

All buildings are designed with inherent dock screening and street-facing architectural features and would be single loading, with dock doors to the rear. In addition to the dock screening through building orientation, the Project would incorporate extensive landscaping along the New Public Street and incorporate a formal Tracy Hills Commerce Center monument sign east of Building 7 set in a landscaped venue. Buildings 1 through 4 would be oriented southeast to northwest, displaying the south office areas to the New Public Street and the north office areas to the New Private Drive – the entry to the dock areas of each of these buildings would be screened to the north and south by the building, landscaping, fencing, and security gates. The docks of Buildings 1 and 2 will face each other, and the docks of Building 3 and 4 will face each other, being naturally screened on the west by Buildings 1 and 3, and on the east by Buildings 2 and 4. Building 5 would face Corral Hollow Road and fully screen the loading docks to the rear. The east end of Building 6 would be oriented towards Corral Hollow Road, with the dock doors facing south towards the dock doors of Building 7. Building 7 would face the New Public Street, and fully screen the loading docks. Additionally, the Project would construct two retention basins to serve the buildings, the New Private Drive and the New Public Street. Refer to **Figure 7** through **Figure 13**, *Building Site Plans*.

Access and Circulation

The Project would be served by Corral Hollow Road, and a to-be-constructed New Public Street which would end with a turnaround, as well as a New Private Drive. Refer to **Figure 14**, *Traffic Circulation Plan*.

The New Public Street would run in an east-west orientation along the southern Project boundary. The New Public Street would have a 99-foot wide right-of-way at full buildout, consisting of four lanes and a landscaped median. Additionally, the Project proposed a total of four (4) new signalized intersections, two (2) on the New Public Street and two (2) along Corral Hollow Road. Specific elements of the proposed circulation system are as follows:

New Public Street:

- The New Public Street would terminate to the east at Corral Hollow Road at a new three-way traffic signal. The Project would be served by six driveways and one private drive off the New Public Street. Building 1 will have a dedicated auto driveway. Buildings 1 and 2 will share a 40-foot driveway which will primarily serve trucks; Buildings 2 and 3 will share a second private drive that will serve automobile and truck traffic and also provide a return route to Corral Hollow Road for trucks via the New Private Drive. Buildings 3 and 4 share a third 40-foot driveway primarily serving the truck courts of these buildings; and Building 4, 6, and 7 share a 32-foot driveway primarily serving both automobile and truck traffic. Building 7 will have a dedicated auto driveway. The final New Public Street driveway furthest to the east will serve automobiles and trucks for Buildings 6 and 7.

New Private Drive:

- The New Private Drive will start at the New Public Street between Buildings 2 and 3, heading northbound, turning east and terminating at a new traffic signal atCorral Hollow Road. The New Private Drive would provide twelve driveways, including separate driveways serving the truck courts of Buildings 1 and 2, as well as Buildings 3 and 4. Buildings 4, 6, and 7 share a driveway off the New Private Driveway to the west of Building 6. A separate driveway, east of Building 6, would also serve building 7. Building 5 would be served by two driveways off the New Private Drive, one dedicated for trucks, providing access to the truck court, and one for automobiles providing access to Building 5 auto parking area.

Corral Hollow Road:

- Both the New Public Street and the New Private Drive would each terminate at new signalized intersections at Corral Hollow Road. Additionally, a 26-foot, right turn in/out driveway would provide access to Building 5. A second right turn in/out drive would be located between Lot 11 and Lot 12, designed to serve these lots exclusively.

Project Phasing

Actual project development would be subject to market supply and demand. However, **Table 2**: *Project Development Phasing Plan* shows that the project would be developed in phases in line with market demand. Construction is anticipated to be completed in approximately 3-5 years.

Table 2: Project Development Phasing Plan

Phase	Building(s)	Construction Duration
1	4, 6, 7	12-18 months
2	2, 3	12-18 months
3	1, 5	12-18 months

Source: Ridgeline Property Group, 2024.

THSP ENVIRONMENTAL IMPACT ANALYSIS SUMMARY

The 2016 THSP SEIR certified in January 2016, found the potentially significant environmental effects of the THSP to be as shown in **Table 3**: *THSP SEIR Potentially Significant Environmental Impacts Table*.

Table 3: THSP SEIR Potentially Significant Environmental Impacts Table

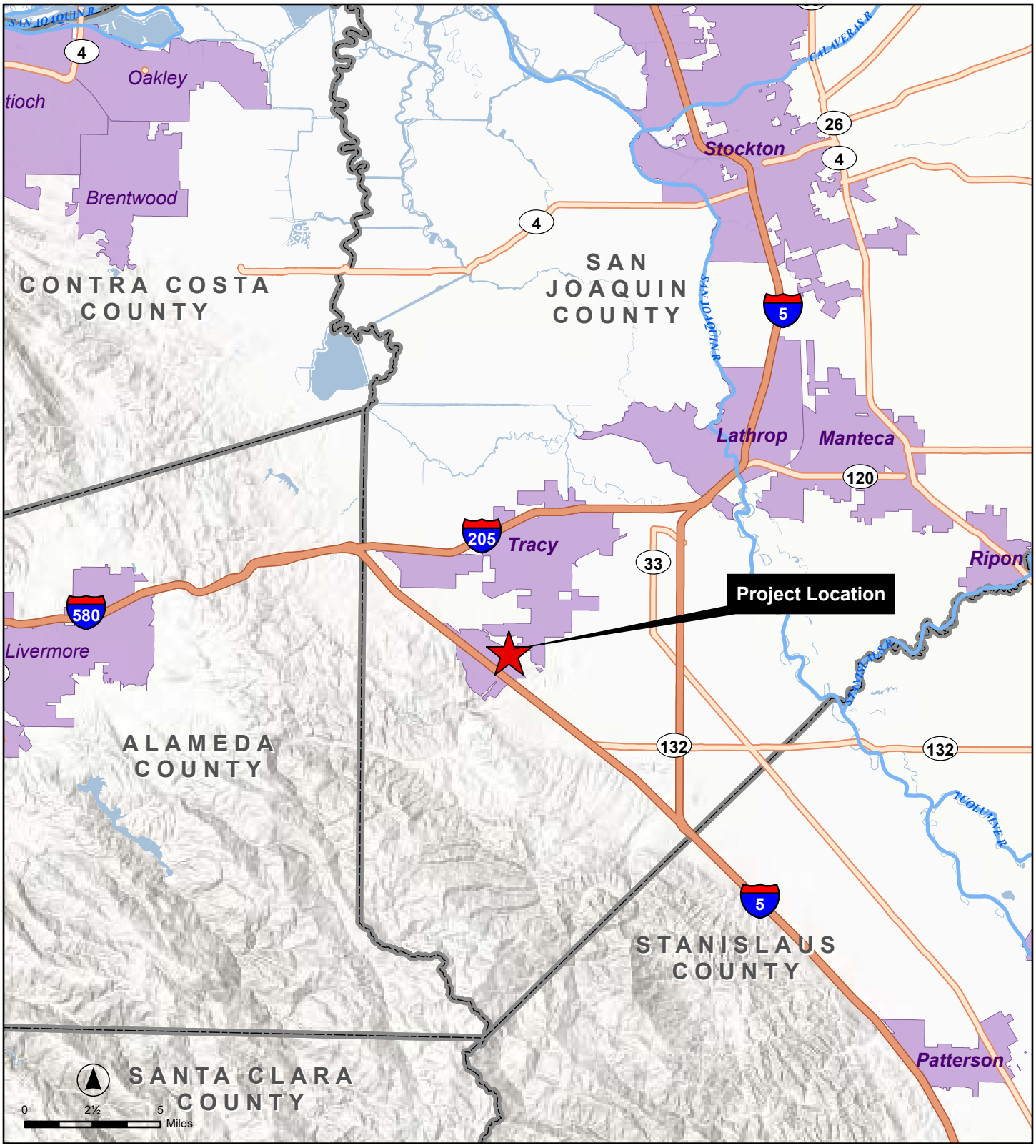
	Significant and Unavoidable Impacts	Less Than Significant with Mitigation Incorporated
Aesthetics	• Visual aspect of and views in the Specific Plan Area (Project and Cumulative Impact) • Adverse effects on a state-designated scenic highway • Adverse change in the character of the site	• New sources of light and glare
Agriculture	• Conversion of Prime Farmland and other Important Farmland (Project and Cumulative)	• Incompatible with adjacent agricultural activity
Air Quality	• Inconsistency with adopted Air Quality Management Plan • Cumulative construction emissions (ROG, and NO_x) (Buildout) • Cumulative operational emissions (ROG, NO_x, CO, PM_{10}, $PM_{2.5}$) (Phase I and Buildout) • Emission of ozone precursors and particulate matter	• Exposure of sensitive receptors to substantial pollutant concentrations
Biological Resources	N/A	• Adverse impact on wildlife movement • Impact on special-status animal species • Impact on federally protected wetlands as defined by Section 404 of the Clean Water Act • Construction during bird nesting season

	Significant and Unavoidable Impacts	Less Than Significant with Mitigation Incorporated
		• Conflict with tree preservation policy or ordinance • Conflict with Habitat Conservation Plan/Natural Community Conservation Plan
Cultural Resources	N/A	• Damage to cultural resources (buried archeological deposits) • Damage to paleontological resources • Human remains encountered during construction
Greenhouse Gas Emissions	• Generation of GHG emissions during construction and operation (Project and Cumulative)	• Conflict with greenhouse gas reduction plan, policy, or regulation
Geology and Soils	N/A	• Expansive soil
Hazards and Hazardous Materials	N/A	• Routine use, transport, and disposal of hazardous materials • Release from nearby crude oil, natural gas, and petroleum pipelines • Breach or rupture of the California aqueduct • Attract wildlife that is hazardous to aircraft associated with Tracy Municipal Airport • Conflict with adopted emergency response plan and emergency evacuation plan • Exposure structures adjacent to undeveloped areas to risk of wildland fires
Hydrology and Water Quality	N/A	• Storm water discharge requirements and water quality • Soil erosion and sedimentation • Storm water runoff volumes • Pollutants (associated with non-residential storm water runoff) • 100-Year Flood Hazard Areas
Land Use	N/A	• Conflict with 2009 San Joaquin Airport Land Use Compatibility Plan
Noise	• Exposure of persons to noise levels in excess of established standards • Traffic noise level increases (Project and Cumulative)	• Expose persons or generate excessive groundborne vibration

	Significant and Unavoidable Impacts	Less Than Significant with Mitigation Incorporated
Public Services and Utilities	N/A	• Need for new or physically altered fire protection facilities • Need for new or physically altered law enforcement facilities • Need for yet to be constructed City Water System Master Plan (WSMP) facilities • Need for wastewater treatment capacity
Traffic	• Impact to bicycle and pedestrian modes • Freeway segments during construction (Phase 1) • Impact to the existing roadway, intersections and freeway network (Buildout) • Impact to the existing roadway, Caltrans intersections (Buildout) • Level of service at intersections during construction (Phase 1) • Impact to the 2035 roadway and freeway network (Phase 1 and Cumulative) • Impact to the 2035 roadway and freeway network (Buildout) • Impact to Altamont Pass, Corral Hollow Road, Patterson Pass, roadways in Alameda County (Phase 1) • Impact on existing Phase 1a street network and streets surrounding the school site (Phase 1) • Impact to bicycle and pedestrian connection from Spine Road along Corral Hollow Road	• Impact to Phase 1a roadway network and operation and safety of pedestrians, cyclists, and vehicles on adjacent roadway facilities • Impact to roadway network and safety and operations on adjacent roadway facilities from temporary offsite school for 450 students • Impact to Phase 1a roadway network and roadway facilities from temporary on-site school

It was determined in the THSP SEIR that implementation of mitigation measures would reduce the severity of several of the aforementioned impacts to a level of less than significant. Where the THSP SEIR identified significant and unavoidable impacts, even after the consideration of mitigation measures, such impacts are identified herein as significant and unavoidable. Where applicable, mitigation measures stemming from the previously certified THSP SEIR would be incorporated into the proposed Project.

For impacts not identified in Table 3, the THSP SEIR found that buildout of the THSP would have a less-than-significant impact or no impact in the topical areas evaluated pursuant to the CEQA Guidelines.



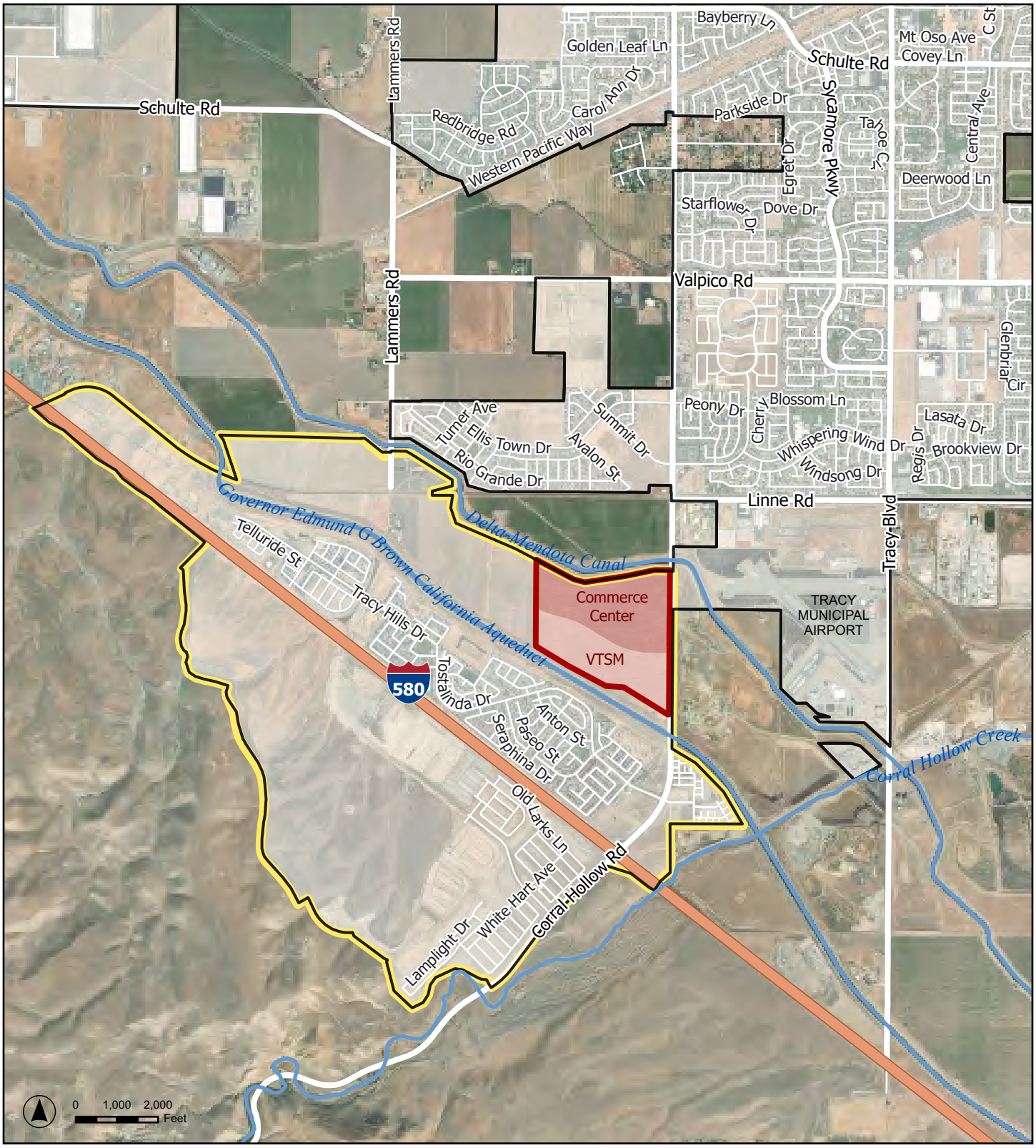
Legend

- Project Location
- Incorporated Area
- County Boundary

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 1. Regional Location Map

Sources: California State Geoportal. Map Date: January 21, 2025.



Legend

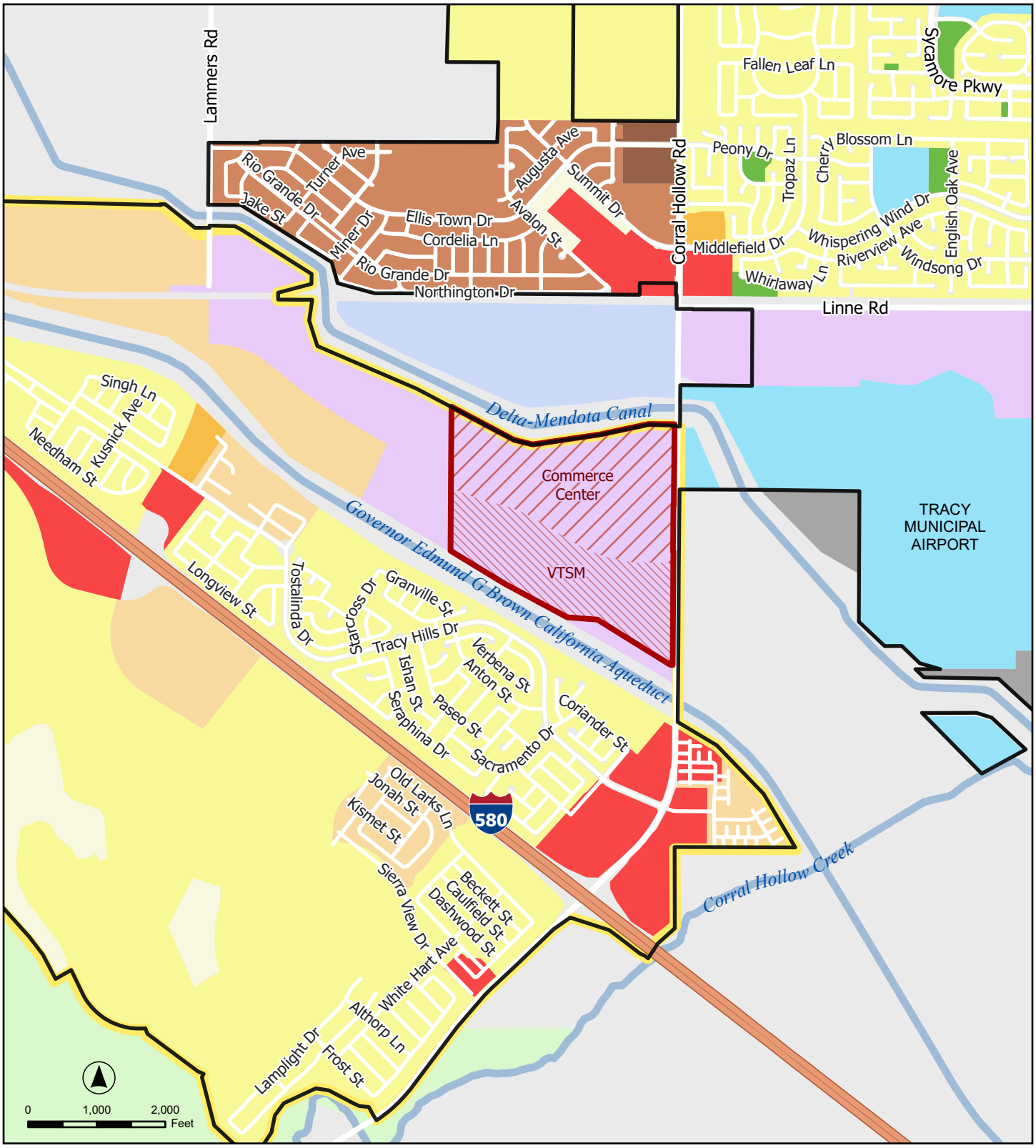
- Project Boundary
- Commerce Center
- VTSM
- Tracy City Boundary
- Tracy Hills Specific Plan Area

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 2. Project Vicinity

Sources: City of Tracy GIS; San Joaquin County GIS; USGS Hydrography. Map Date: January 21, 2025.

DE NOVO PLANNING GROUP



Legend

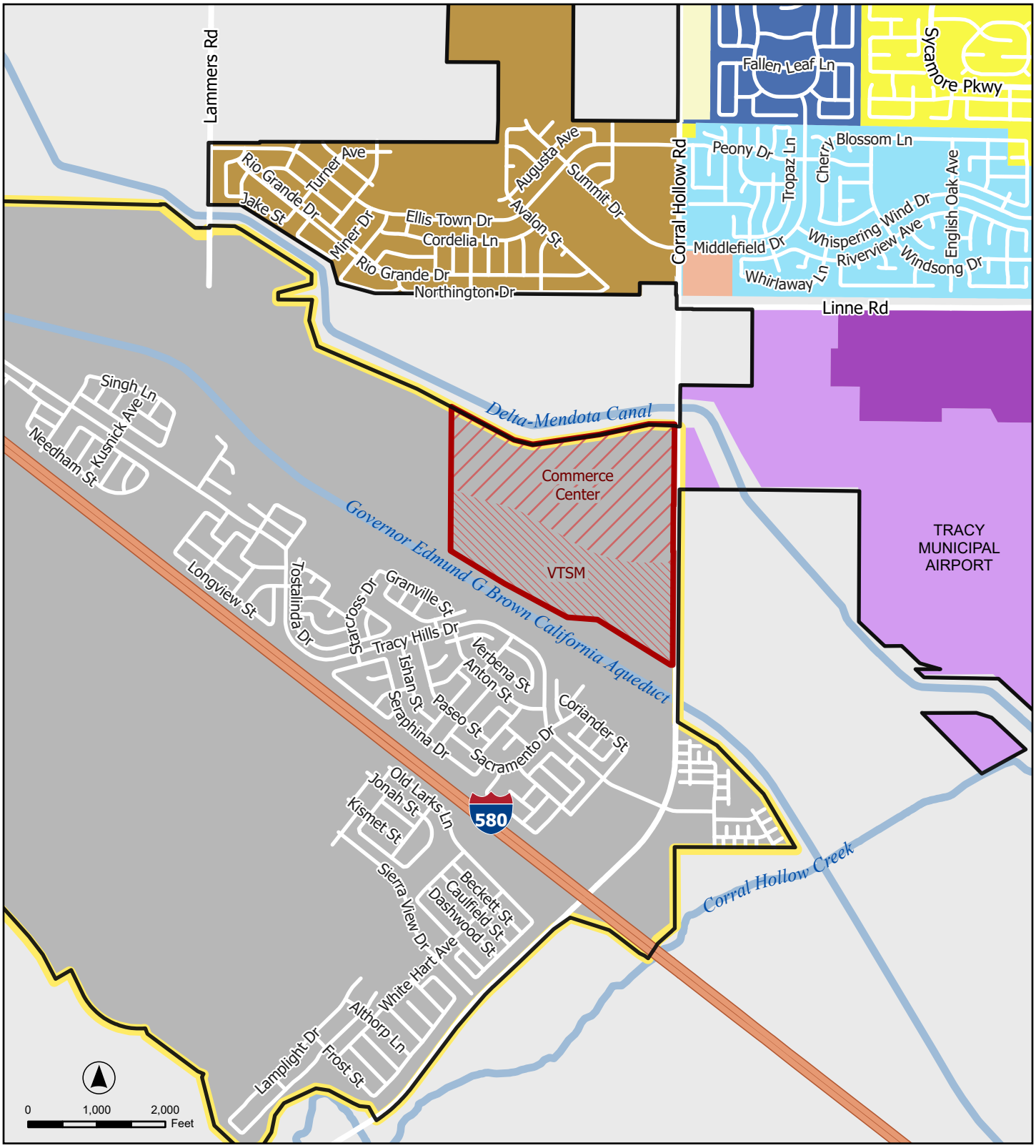
- Project Boundary
- Commerce Center
- VTSM
- Tracy City Boundary
- Tracy Hills Specific Plan Area
- Residential Very Low
- Residential Low
- Residential Medium
- Residential High
- Traditional Residential - Ellis
- Village Center
- Urban Reserve 10
- Commercial
- Industrial
- Open Space
- Park
- Public Facilities
- Aggregate

Sources: City of Tracy GIS; San Joaquin County GIS; USGS Hydrography. Map Date: January 21, 2025.

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 3. Existing General Plan Land Use Map

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Legend

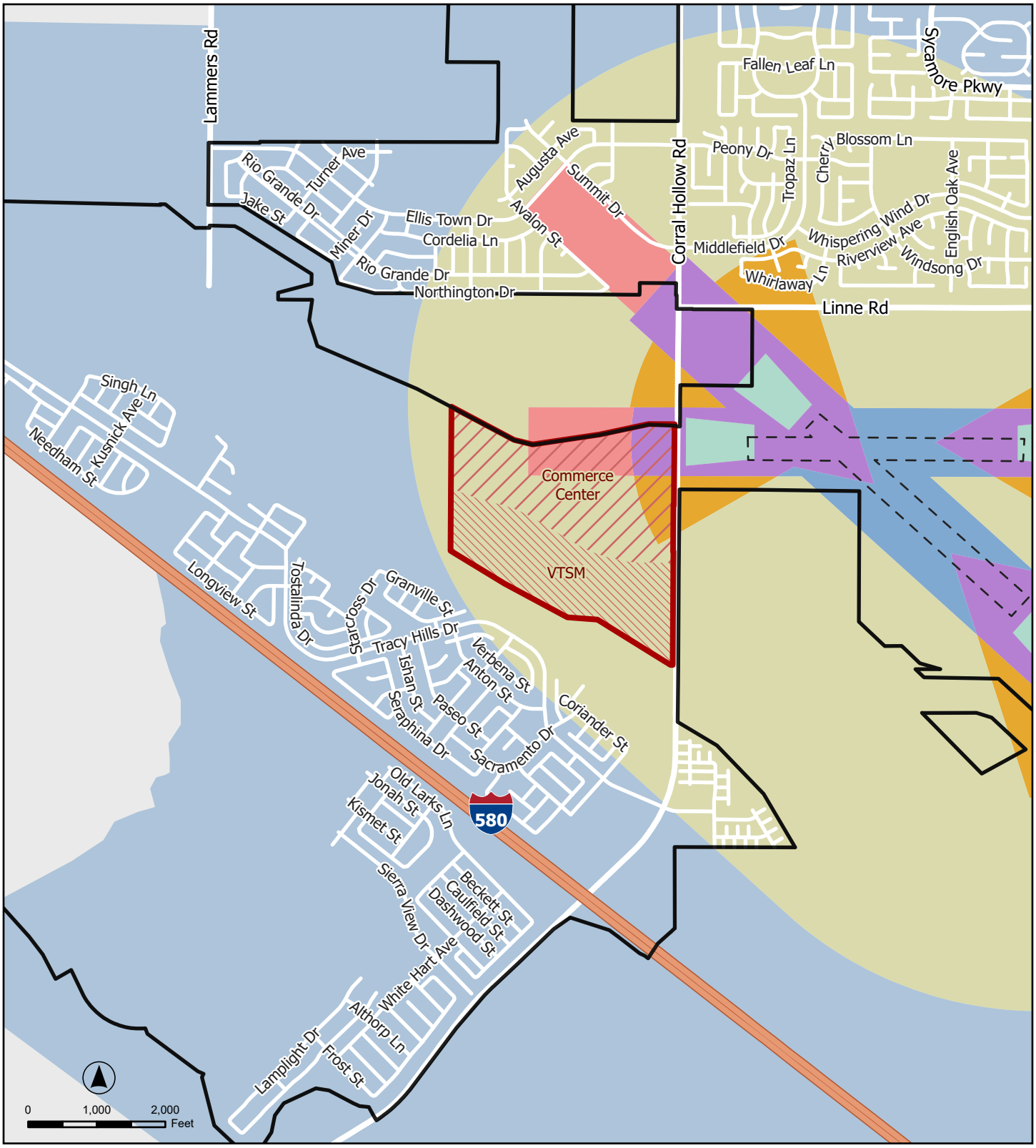
- Project Boundary
- Commerce Center
- VTSM
- Tracy City Boundary
- Tracy Hills Specific Plan Area
- RE
- LDR
- PUD
- ELLIS
- THSP
- M-1
- M-2
- NS
- TV

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 4. Existing Zoning Map

Sources: City of Tracy GIS; San Joaquin County GIS; USGS Hydrography. Map Date: January 21, 2025.

DE NOVO PLANNING GROUP



Legend

- Project Boundary
- Commerce Center
- VTSM
- Tracy City Boundary
- Airport Runway Boundary
- Zone 1 - Runway Protection Zone
- Zone 2 - Inner Approach/Departure Zone
- Zone 3 - Inner Turning Zone
- Zone 4 - Outer Approach/Departure Zone
- Zone 5 - Sideline Safety Zone
- Zone 7 - Traffic Pattern Zone
- Zone 8 - Airport Influence Area

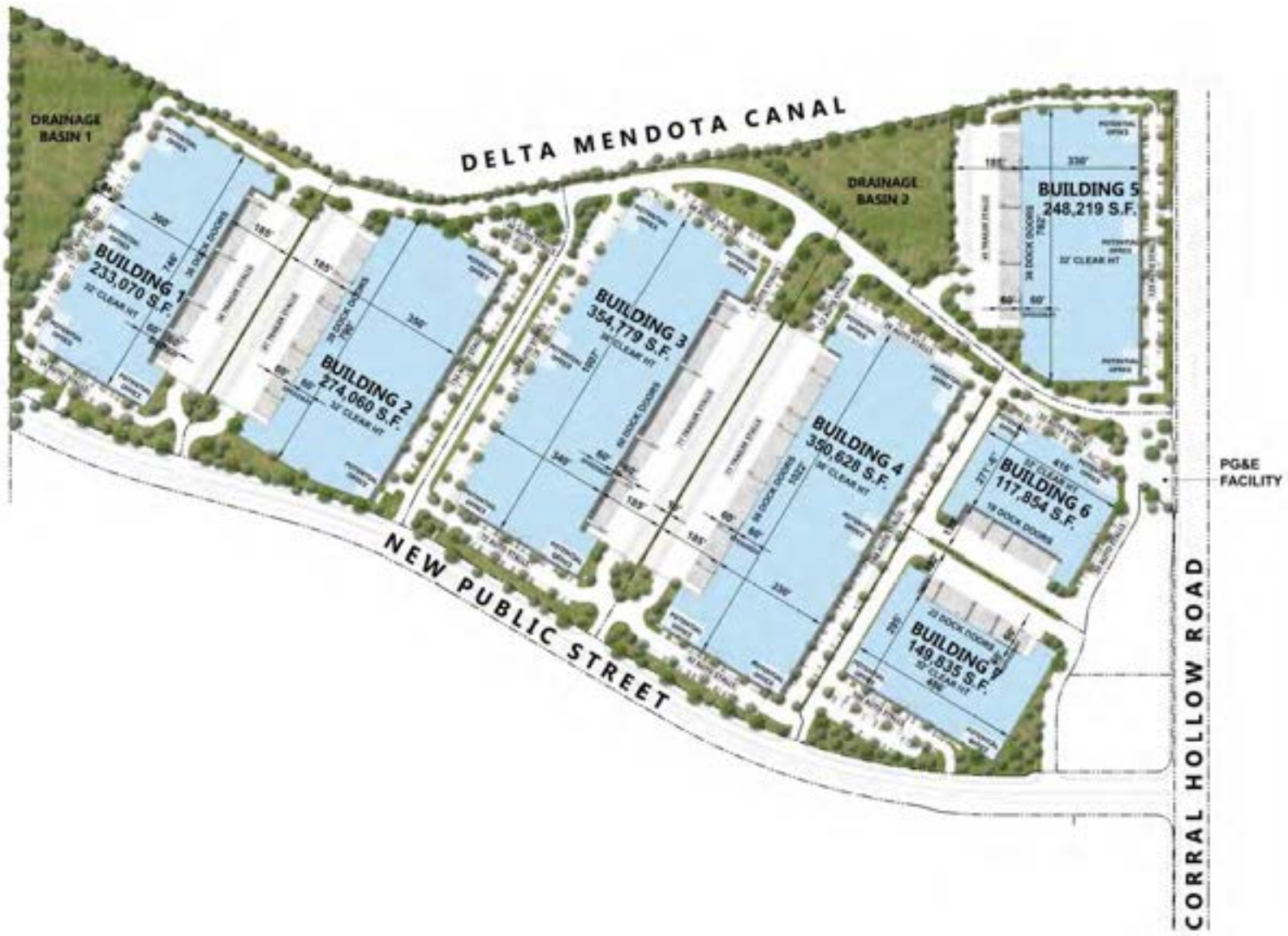
Sources: San Joaquin County GIS. Map Date: January 21, 2025.

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 5. Airport Land Use Compatibility Zones

Tracy Municipal Airport

DE NOVO PLANNING GROUP

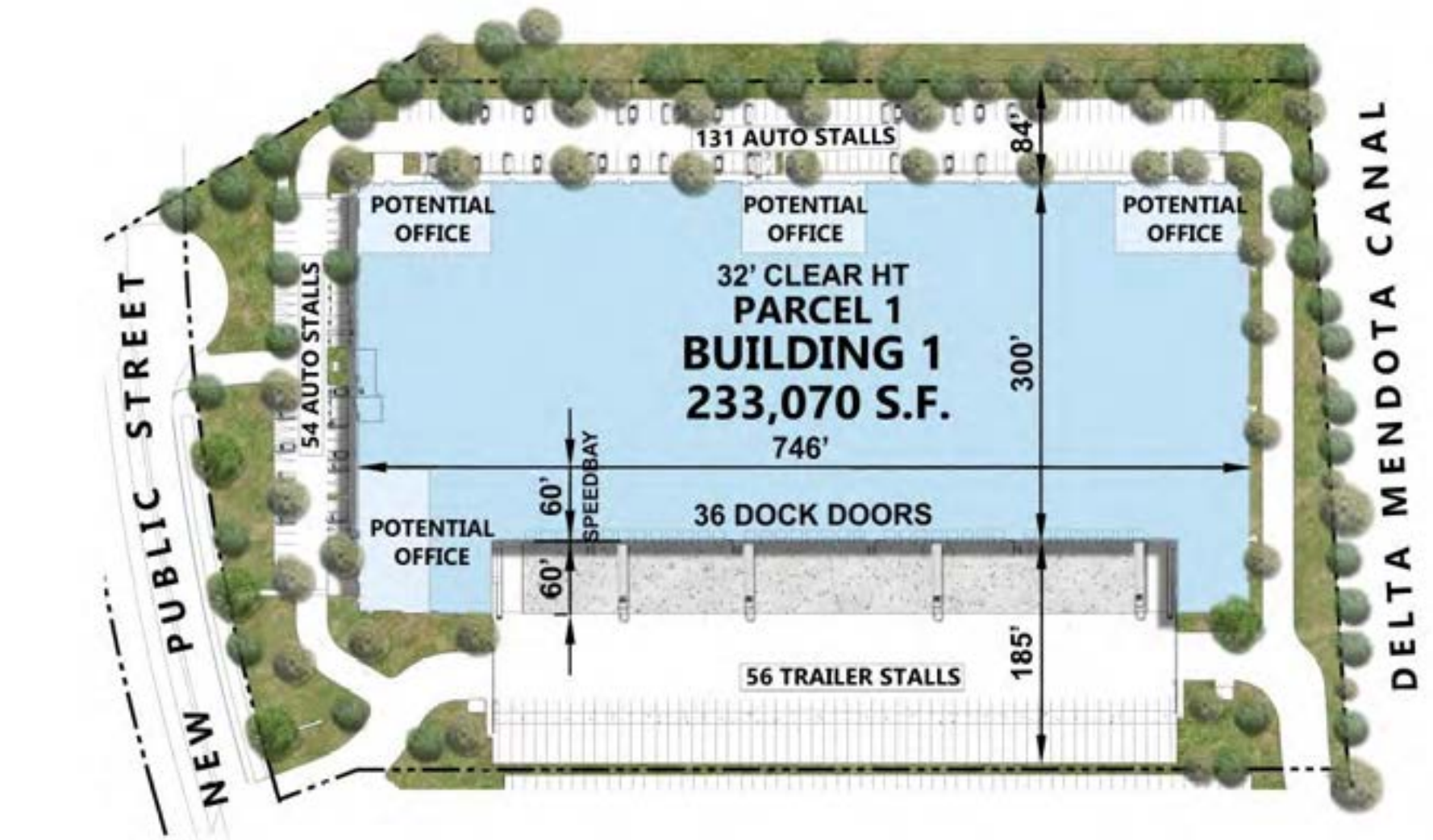


Not to Scale

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 6. Master Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

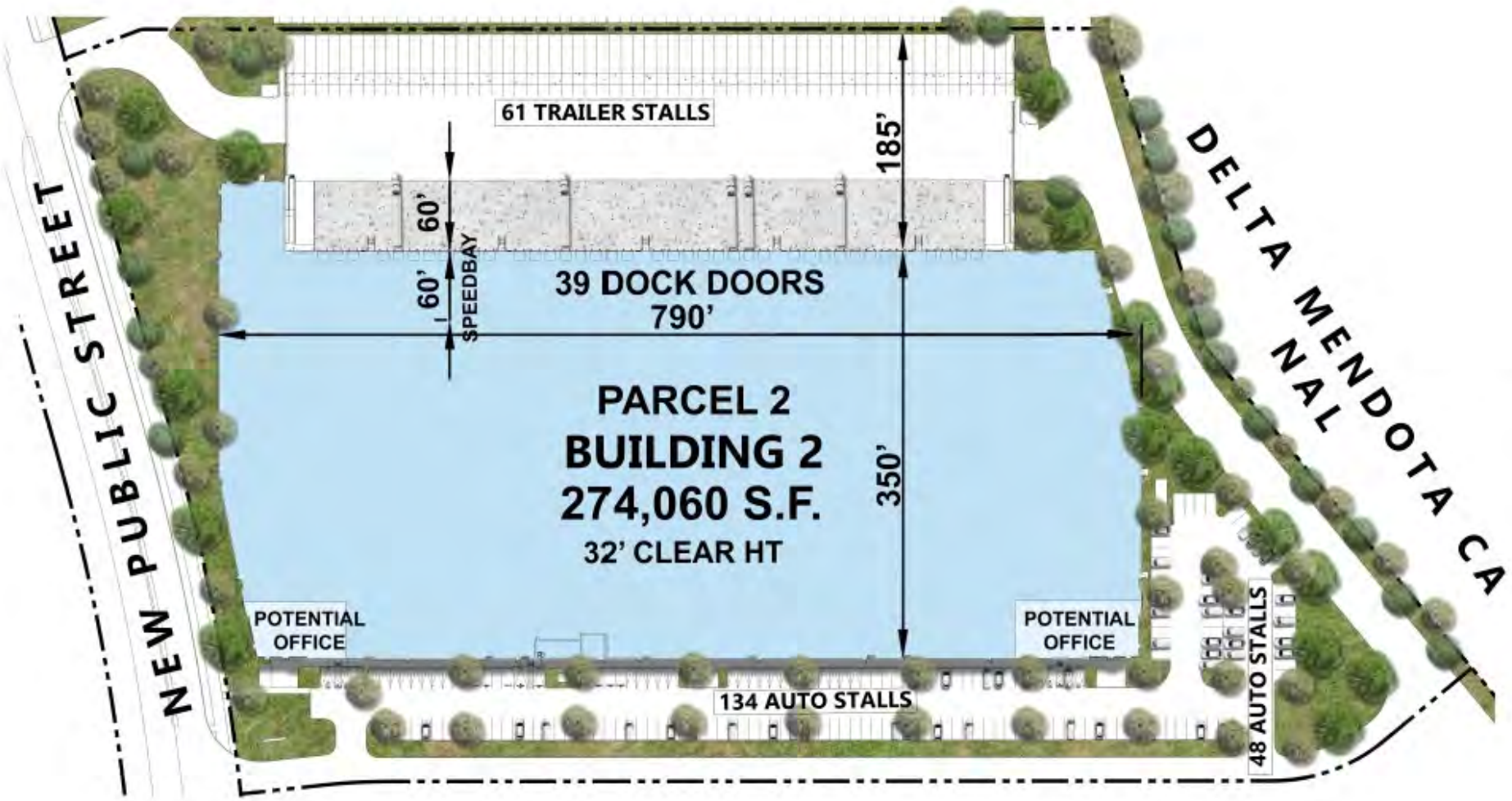


Not to Scale

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 7. Building 1 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

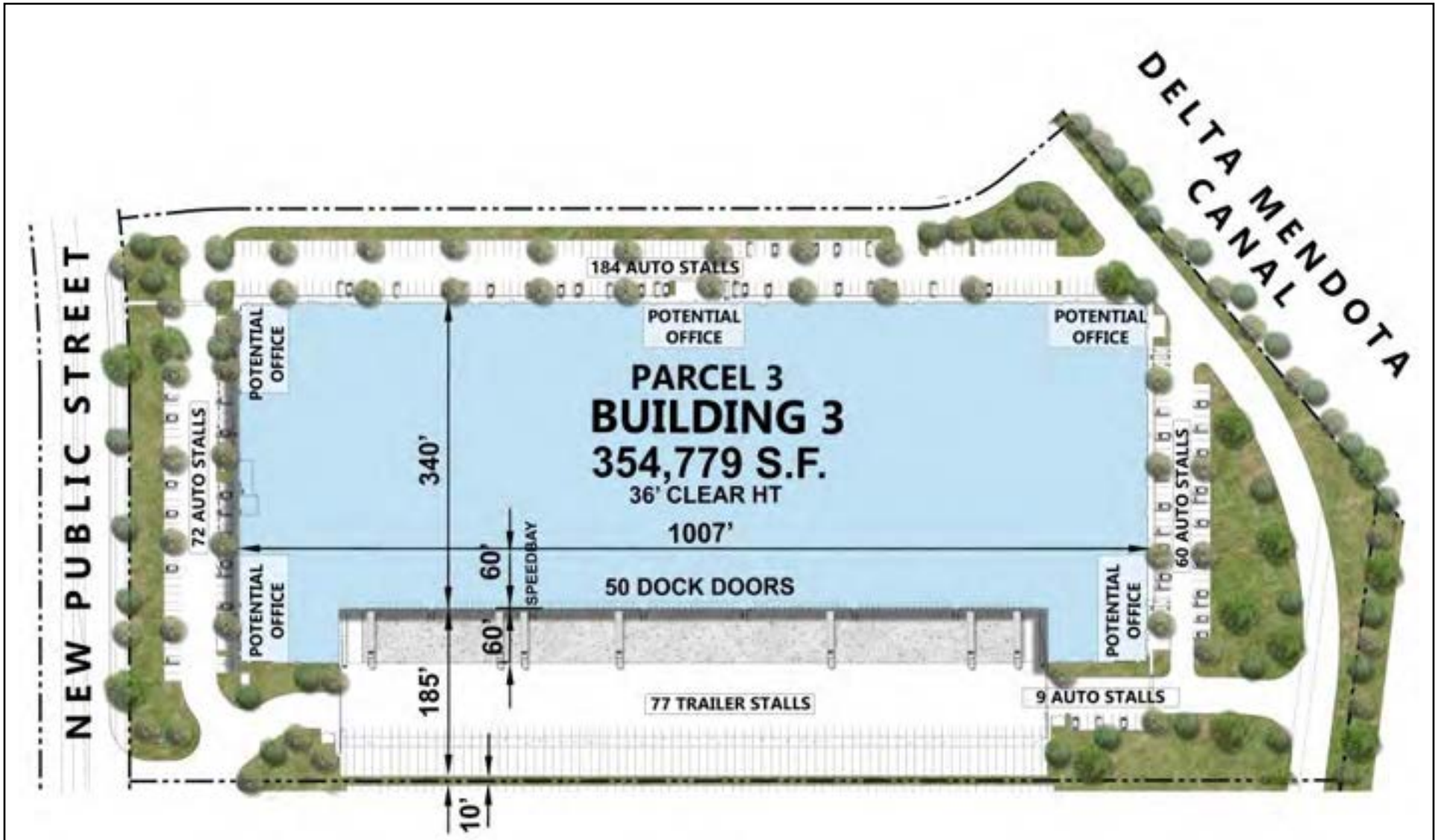


Not to Scale

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 8. Building 2 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

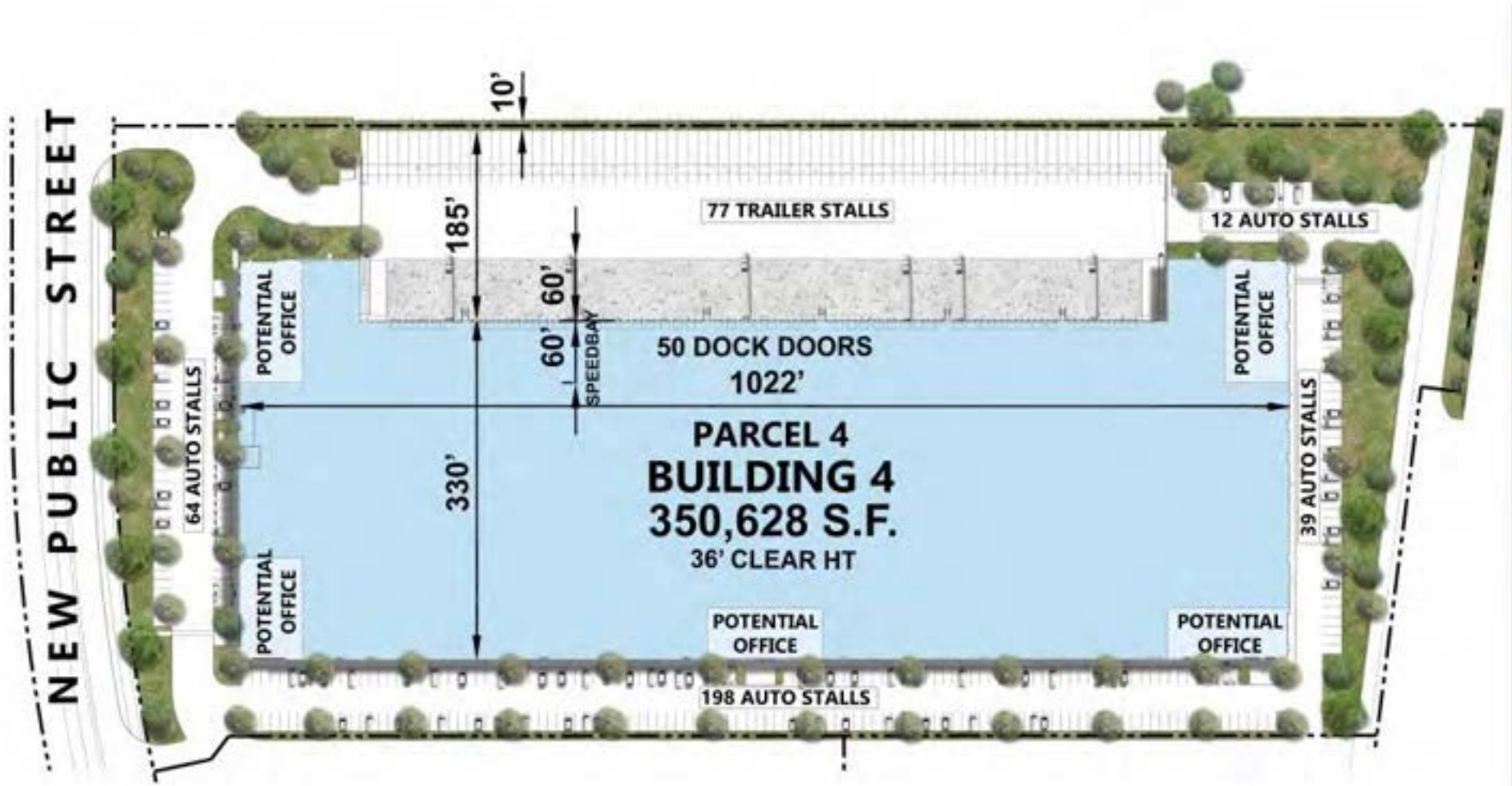


Not to Scale

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 9. Building 3 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

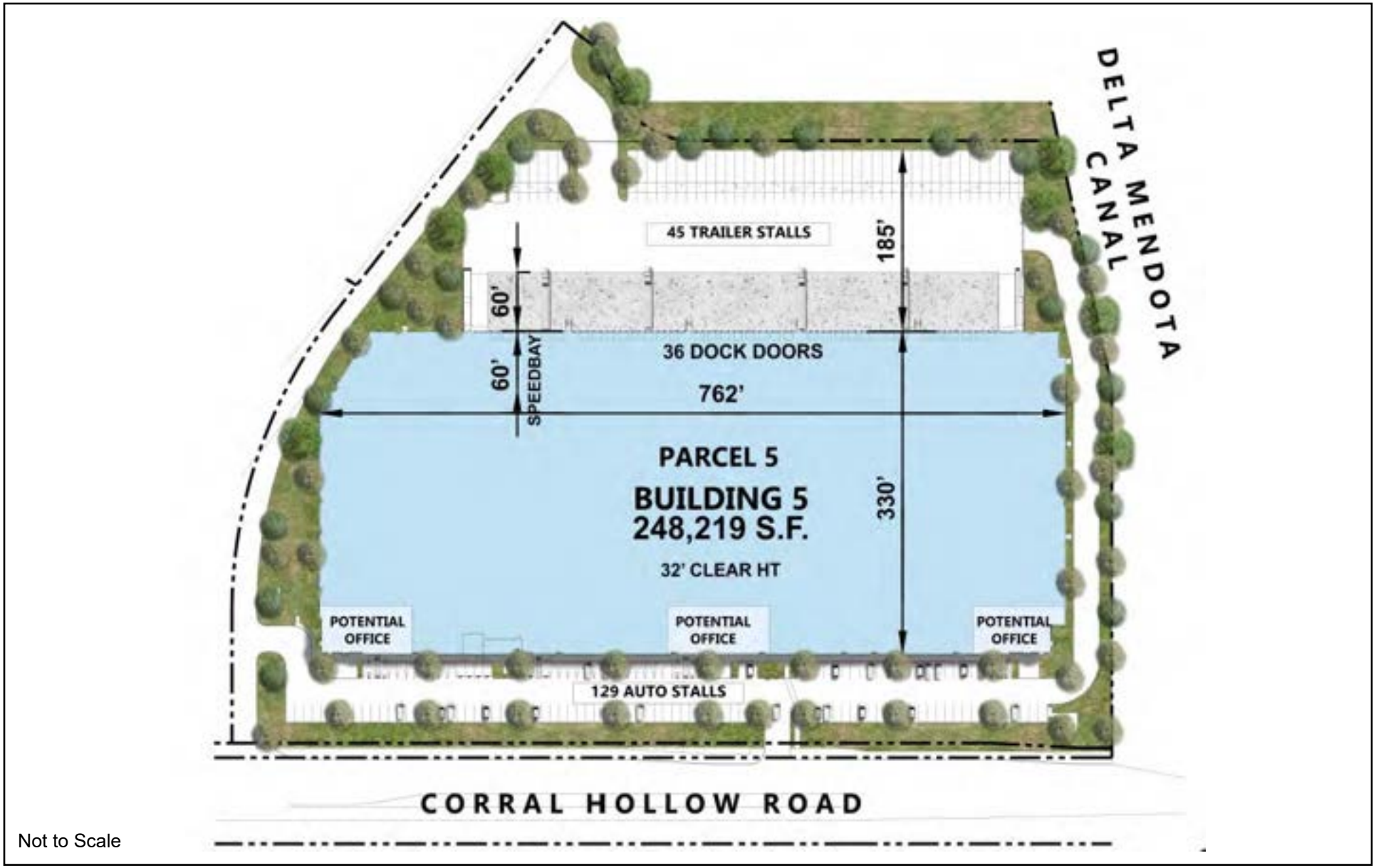


Not to Scale

TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 10. Building 4 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.



TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 11. Building 5 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

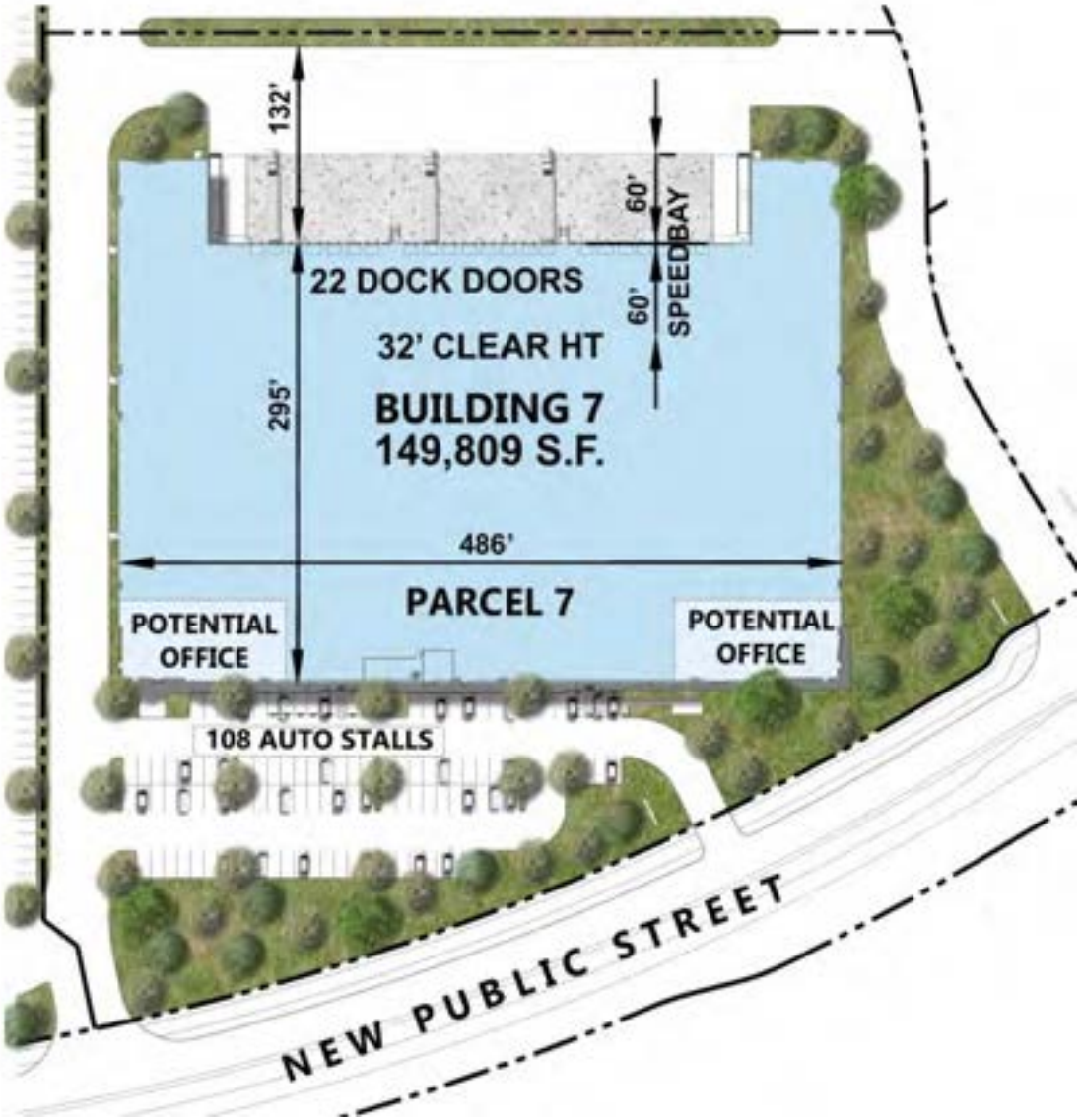


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TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 12. Building 6 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

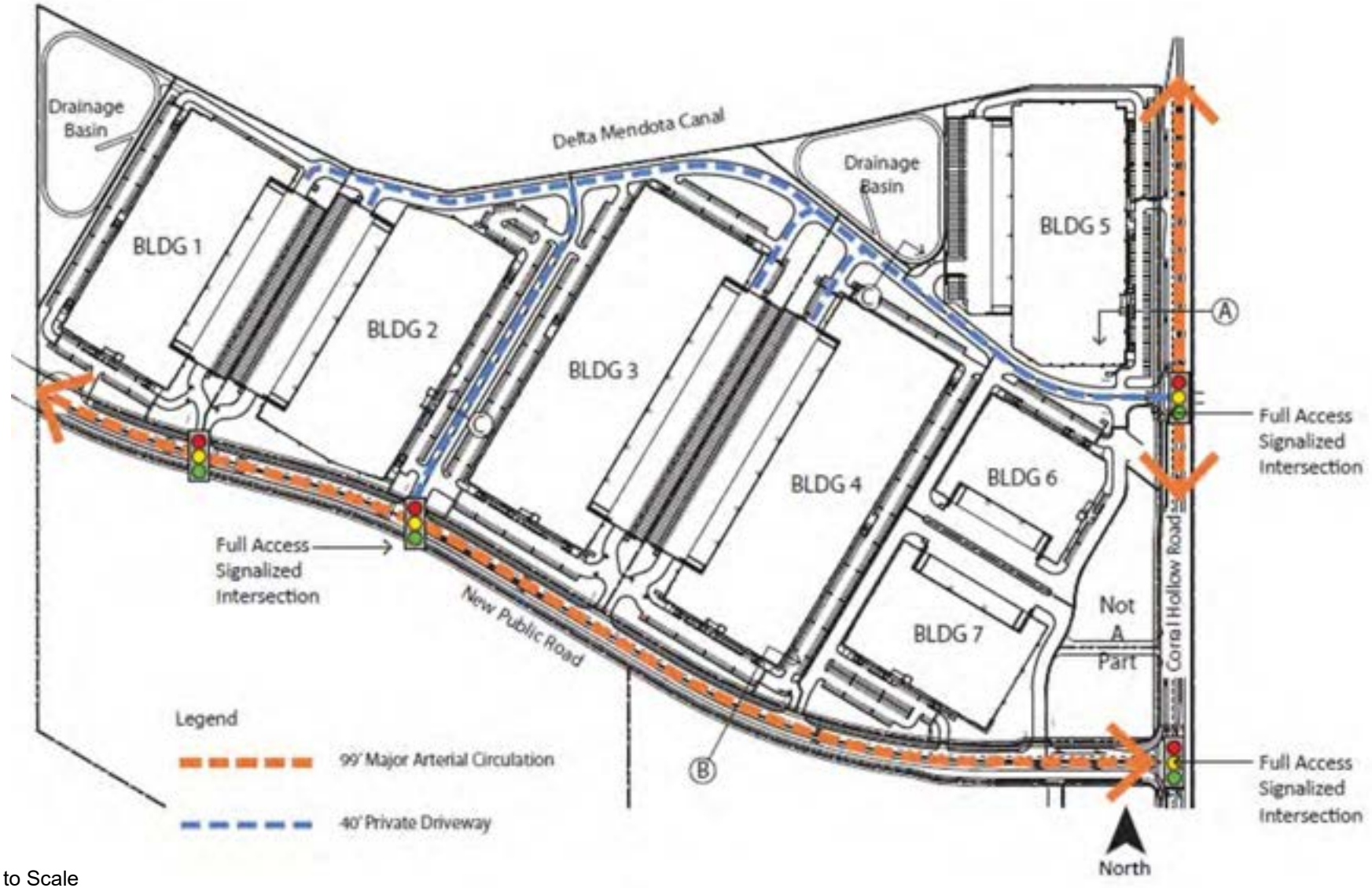


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TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 13. Building 7 Site Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.



TRACY HILLS SPECIFIC PLAN AMENDMENT AND COMMERCE CENTER PROJECT

Figure 14. Traffic Circulation Plan

Source: Kimley-Horn, November 2024. Map Date: January 21, 2025.

ENVIRONMENTAL EVALUATION

Explanation of Checklist Evaluation Categories

In the case of a project proposal requiring discretionary approval by the City concerning changes to a project for which the City has previously certified an EIR for an overall project that includes the proposed project as here, the City must determine whether, in light of the proposed project, the development of the Commerce Center Project and VTSM, the environmental analysis in the THSP SEIR remains relevant because it retains some informational value and, if so, whether a subsequent EIR or MND is required.

A subsequent EIR would be required if substantial evidence demonstrates the proposed changes will involve substantial changes that require major revisions of the previous EIR due to the involvement of new or significantly more severe environmental effects. The proposed changes to the prior project will remain within the same original parcel configuration and will proposed the same types of uses, rendering the previously certified THSP SEIR highly relevant to the environmental analysis of the changes to the project now proposed.

The purpose of this Consistency Checklist is to evaluate the categories in terms of any "changed condition" (i.e., changed circumstances, project changes, or new information of substantial importance) that may result in a different environmental impact significance conclusion. The row titles of the checklist include the full range of environmental topics, as presented in Appendix G of the CEQA Guidelines. The column titles of the checklist have been modified to help answer the questions to be addressed pursuant to CEQA Section 21166 and State CEQA Guidelines Section 15162. A "no" answer does not necessarily mean that there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed with mitigation measures in the THSP SEIR.

For instance, the environmental categories might be answered with a "no" in the checklist because the impacts associated with the proposed Project were adequately addressed in the THSP SEIR, and the environmental impact significance conclusions of the THSP SEIR remain applicable. The purpose of each column of the checklist is described below.

Where Impact was Analyzed in the Prior Environmental Document

This column provides a cross-reference to the pages of the prior environmental document – the THSP SEIR – where information and analysis may be found relative to the environmental issue listed under each topic.

Do Proposed Project Changes Involve New or Substantially More Severe Significant Impacts?

Pursuant to Section 15162(a)(1), this column indicates whether there have been substantial changes proposed in the project that would require major revisions of the previous environmental analyses due to the involvement of new significant environmental effects or a substantial increase in the severity of a previously identified impact.

Any New Circumstances Involving New or Substantially More Severe Significant Impacts?

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been substantial changes to the project site or the vicinity (circumstances under which the project is undertaken) that have occurred subsequent to the prior environmental document, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

Any Substantially Important New Information Requiring New Analysis or Verification?

Pursuant to Section 15162(a) (3) (A-D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental document was certified as complete is available requiring an update to the analysis of the previous environmental document to verify that the environmental conclusions and mitigations remain valid. If the new information shows that: (A) the project will have one or more significant effects not discussed in the prior environmental document; or (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental document; or (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental document would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative, the question would be answered 'Yes' requiring the preparation of a subsequent EIR or supplement to the THSP SEIR.

However, if the additional analysis completed as part of this Consistency Analysis finds that the conclusions of the prior environmental document remains the same and no new significant impacts are identified, or identified significant environmental impacts are not found to be substantially more severe, the question would be answered 'No' and no additional EIR documentation (supplement to the EIR or subsequent EIR) would be required. Notably, where the only basis for preparing a subsequent EIR or a supplement to an EIR is a new significant impact or a substantial increase in the severity of a previously identified impact, the need for the new EIR can be avoided if the project applicant agrees to one or more mitigation measures that can reduce the significant effect(s) at issue to less than significant levels. (See *River Valley Preservation Project v. Metropolitan Transit Development Board* (1995) 37 Cal.App.4th 154, 168.)

Mitigations Implemented or Address Impacts?

This column indicates whether the prior environmental document provides mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A "yes" response will be provided if mitigation measures would be necessary to mitigate the proposed Project. If "N/A" is indicated, this Consistency Analysis concludes that the impact does not occur with this Project and, therefore, no mitigation measures are needed.

Discussions and Mitigation Sections

Discussion

A discussion of the elements of the checklist is provided under each environmental category to clarify the answers. The discussion provides information about the environmental issue, how the project relates to the issue, differences in the potential impacts associated with the proposed project relative to those previously described in the THSP SEIR, and the status of any mitigation that may be required or that has already been implemented.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category. New mitigation measures are included, if needed.

Conclusions

A discussion of the conclusion relating to the need for additional environmental documentation is contained in each section.

Aesthetics

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Have a substantial adverse effect on a scenic vista?	THSP SEIR page 4.1-17 to 4.1-19	No	No	No	Yes THSP SEIR MM 4.1-1 & MM 4.1-5
b. Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic building along a State-designated scenic highway?	THSP SEIR page 4.1-17 to 4.1-18 & page 4.1-20	No	No	No	Yes THSP SEIR MM 4.1-2
c. Substantially degrade the existing visual character or quality of the site and its surroundings?	THSP SEIR page 4.1-18 & 4.1-20	No	No	No	Yes THSP SEIR MM 4.1-3
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	THSP SEIR page 4.1-18 to 4.1-20	No	No	No	Yes THSP SEIR MM 4.1-4

Discussion

Relevant Changes to Project Related to Aesthetics

The proposed Project would increase the maximum height of buildings from 45 feet to a maximum building height of 47 feet tall to allow the development of buildings with internal clear heights of up to 36 feet. Accordingly, the proposed Project would revise the THSP Development Standards for the Light Industrial (M1-TH) zone to allow a maximum building height of 47 feet tall.

Relevant Changes to Environmental Setting

Areas within the THSP and south of the California Aqueduct and north of I-580 have been developed with residential uses, in accordance with the THSP. An area of the THSP area south of I-580 and along the eastern edge of the THSP area has also been developed with residential uses. These residential uses have introduced light and glare, as well as some slight obstructions of sightlines to surrounding and across scenic vistas.

Comparative Impacts Discussion

The proposed Project would result in the development of seven industrial buildings of up to 47 feet in height.

The project would also incorporate a project entry monument sign east of Building 7. This new sign would be required to comply with the sign design standards identified in the THSP to maintain consistency with other signs within the THSP and also incorporate extensive landscaping to soften the appearance of industrial buildings. As such, the new sign would not reduce the scenic quality of the aforementioned scenic vistas beyond what was evaluated in the THSP SEIR.

To accommodate for potential future market demands, the proposed SPA would modify the current THSP Development standards for M1-TH zone to allow a maximum building height of 47 feet tall, which would allow development of buildings with internal clear heights of 36 feet. This proposed modification would allow for more internal clearance space for buildings and could result in a slightly greater impact to scenic vistas previously evaluated in the THSP SEIR because the building heights would be increased by two feet. However, the character of the industrial urban development is substantially identical to the character of urban development previously analyzed in the THSP SEIR. Since the proposed Project would change from undeveloped land to urbanized development as previously analyzed in the THSP SEIR, the proposed Project would have the potential to create a substantial adverse impact on a scenic vista. With implementation of adopted THSP SEIR mitigation measures, the proposed Project's impact on a scenic vista would remain significant and unavoidable. This would not be a new specific impact, nor would it increase the severity of the impact previously identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Project implementation would have the potential to impact views from the I-580. Similar to the approved THSP, the proposed Project would have the potential to create substantial damage to the identified scenic resources. Since the proposed Project site is within the viewshed of Interstate 580 and Corral Hollow Road, which are considered as scenic routes, Project development would have the potential to significantly impact scenic views. The proposed Project's impact would remain significant and unavoidable even with implementation of adopted THSP mitigation measures. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Similar to the approved THSP, the proposed Project would have the potential to degrade the existing visual character or quality of the Project site. While development of the seven industrial buildings would transition the site from an existing almond orchard surrounded by ruderal vegetation to an urban development with industrial uses, the THSP SEIR had previously acknowledged that buildout of the THSP would transition this area from rural agricultural land to urbanized development. Thus, the proposed Project would not result in any greater impacts than previously analyzed. With implementation adopted THSP mitigation measures, the proposed Project's impact on the existing visual character or quality of the Project site would remain significant and unavoidable. This would not be a new specific impact, nor would

it increase the severity of the impact previously identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Project implementation would result in development of seven industrial buildings; however the sources of light from these proposed industrial uses would not be considered new light sources to the Project site, compared to the assumptions in the THSP SEIR. With implementation of adopted THSP mitigation measures, the proposed Project's impact on light and glare would remain significant and unavoidable. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.1-1

The THSP contains design guidelines and landscaping standards (Tracy Hills Specific Plan, pages 3-1 through 3-96) which have been implemented in the Phase 1a Vesting Tentative Map (Figure 3-12, Phase 1a Vesting Tentative Map), and which would be required on individual, site-specific developments within the THSP. These measures would ensure that development within the Project Area is aesthetically pleasing and is compatible with current development in the City of Tracy. Beyond these measures, there is no feasible mitigation.

Mitigation Measure 4.1-2

The THSP contains design guidelines and landscaping standards (Tracy Hills Specific Plan, pages 3-1 through 3-96) which have been implemented in the Phase 1a Vesting Tentative Map (Figure 3-12, Phase 1a Vesting Tentative Map), and which would be required on individual, site specific development within the THSP. These measures would ensure that development within the THSP Project Area is aesthetically pleasing and is compatible with current development in the City of Tracy. Beyond these measures, there is no feasible mitigation.

Mitigation Measure 4.1-3

The THSP contains design guidelines and landscaping standards (Tracy Hills Specific Plan, pages 3-1 through 3-96) which would be required on individual, site specific development within the THSP. These measures would ensure that development within the THSP Project Area is aesthetically pleasing and is compatible with current development in the City of Tracy. Beyond these measures, there is no feasible mitigation.

Mitigation Measure 4.1-4

To decrease light spillage and glare to the maximum extent practicable, all individual developments under the THSP shall be required to:

- *Prior to final inspection or certificate of occupancy, all exterior and parking area lighting shall be directed downward or shielded, to prevent glare or spray of light on to public rights-of-way or adjacent residential property, consistent with City standards.*

Mitigation Measure 4.1-5

The THSP contains design guidelines and landscaping standards (Tracy Hills Specific Plan, pages 3-1 through 3-96) which would be required on individual, site specific development within the THSP. These measures would ensure that development within the THSP Project Area is aesthetically pleasing and is compatible with current development in the City of Tracy. Beyond these measures, there is no feasible mitigation.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Aesthetics

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to aesthetics, light, and glare, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to aesthetics, light, and glare from the proposed Project would not require the preparation of a subsequent EIR.

Agricultural and Forestry Resources

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	THSP SEIR page 4.2-9 & 4.2-11	No	Yes	No	Yes THSP SEIR MM 4.2-1
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	THSP SEIR page 4.2-9 and 4.2-12	No	No	No	Yes THSP SEIR MM 4.2-2
c. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	THSP SEIR page 4.2-10 & 4.2-12	No	No	No	Yes THSP SEIR MM 4.2-1 & MM 4.2-2

Discussion

Relevant Changes to Project Related to Agricultural and Forestry Resources

The proposed Project would develop a portion of the THSP area that was evaluated in the THSP SEIR. Development of the Commerce Center would remove approximately 98 acres from active farmland to urbanized uses. Implementation of the VTSM would prepare a map such that lots could be developed consistent with the THSP, although no development, and no loss of agricultural land, is proposed at this time. The THSP SEIR found that as a result of development contemplated under the THSP, conversion of important farmland to urbanized land would result in a significant and unavoidable impact.

Relevant Changes to Environmental Setting

At the time the THSP was approved in 2013, the Project site was identified as "Farmland of Importance" as the 2012 FMMP map available at the time identified the Project site as "Farmland of Local Importance", which is not recognized as Important Farmland under CEQA. However, since certification of the THSP SEIR in 2016, the Project site has been recategorized as "Prime Farmland" as shown in the 2022 FMMP San Joaquin County map. As such, the THSP SEIR identified less prime farmland in the THSP than is identified now. In the interim time, the Project site was planted with an almond orchard, but the orchard has since been removed and the land is vacant. Although the THSP SEIR contemplated the conversion of

approximately 25 acres of Prime Farmland to non-agricultural uses, the area that includes the Commerce Center was not included in the area identified as Prime Farmland.

Comparative Impacts Discussion

Development of the proposed Project would result in the conversion of approximately 180 acres of land from Prime Farmland to urbanized land. The Commerce Center project would convert approximately 98 acres of Prime Farmland to urbanized uses, which is in contrast to the THSP SEIR which indicated the area was classified Farmland of Local Importance.

The City General Plan includes supportive policies and mitigation programs (e.g., the Agricultural Mitigation Fee Ordinance) that would help to somewhat reduce impacts related to conversion of agricultural resources on a larger scale, a permanent loss of farmland would occur as a result of the proposed Project.

Although the development of the Commerce Center project would result in the removal of more Prime Farmland than previously anticipated in the THSP SEIR, the amount of Important Farmland lost would not be substantially more severe than that analyzed under the THSP SEIR. The THSP SEIR found that conversion of prime farmland in the THSP would result in a significant and unavoidable impact, regardless of mitigation measures. The Tracy City Council adopted a statement of overriding considerations with respect to the anticipated loss of farmland [1]

Implementation of THSP SEIR Mitigation Measure 4.2-1 would require the payment of the agricultural mitigation fee to the City for each acre of Prime Farmland to be developed. Although this mitigation would result in the payment of fees to mitigate for the loss of Important Farmland, the loss of farmland is a permanent loss, and the impact would remain significant and unavoidable.

The Project site is not the subject of a Williamson Act contract and does not contain any lands zoned for agricultural uses. Therefore, no conflict exists in regard to the current zoning of the Project site. As such, the proposed Project would not include properties zoned for agricultural use or under Williamson Act Contract, and therefore no impact would occur. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

As discussed in the previously certified THSP SEIR, full buildout of the THSP would result in conversion of the THSP Area to urban uses. However, the proposed land uses in the THSP Area could be incompatible with adjacent land uses without appropriate buffers established between development of the THSP. THSP SEIR Mitigation Measure 4.2-2 ensures that buffers such as roadways, conservation easements, building setbacks, and parking areas are established between uses. The proposed Project would include development of a new public street between the Commerce Center project and the VTSM area to the south. Therefore, the impact would not be substantially more severe than disclosed under the THSP SEIR.

[1] THSP SEIR, page 4.2-9.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.2-1

As part of the development process for individual site-specific development projects, the agricultural mitigation fee adopted by the City shall be paid for each acre of Prime Farmland to be developed. The fees shall be collected by the City at the time building permits are issued for such site-specific development projects, or as otherwise required by the City.

The majority of the 2,200 acres identified as Farmland of Local Importance has historically been utilized as grazing land with no infrastructure in place to irrigate and actively farm. For the portion of the 2,200 acres of Farmland of Local Importance historically utilized as grazing land, the Project established a conservation easement to ensure that over 3,500 acres of grazing land would be preserved in perpetuity. The recording of this conservation easement on 3,500 acres of open space has been identified as a Project Design Feature that has been implemented. For any of the 2,200 acres of Farmland of Local Importance that has been actively farmed, the City's adopted agricultural mitigation fee shall be paid for each acre of Farmland of Local Importance to be developed. The fees shall be collected by the City at the time building permits are issued for such site-specific development projects, or as otherwise required by the City. Though the City's Municipal Code identifies the Project site as exempt from the City's adopted fee, the Project Applicant has agreed to payment of the fee as described within this mitigation measure.

Mitigation Measure 4.2-2

As construction occurs along the THSP Project Area boundary, buffers such as roadways, conservation easements, building setbacks, and parking areas, shall be required prior to occupancy of those structures, in compliance with General Plan Policy OSC-2.2 P1.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Agricultural and Forestry Resources

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to agricultural and forestry resources, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously

found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to agricultural and forestry resources from the proposed Project would not require the preparation of a subsequent EIR.

Air Quality

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:					
a. Conflict with or obstruct implementation of the applicable air quality plan?	THSP SEIR page 4.3-15 to 4.3-31 & page 4.3-42 to 4.3-43	No	No	No	Yes THSP SEIR MM 4.3-1a, MM 4.3-1b, MM 4.3-1c, MM 4.3-2 & MM 4.7-1
b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	THSP SEIR page 4.3-15 to 4.3-37 & page 4.3-42 to 4.3-43	No	No	No	Yes THSP SEIR MM 4.3-2 & MM 4.7-1
c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	THSP SEIR page 4.3-37 & page 4.3-44	No	No	No	Yes THSP SEIR MM 4.3-1a, MM 4.3-3b, MM 4.3-2, & MM 4.7-1
d. Expose sensitive receptors to substantial pollutant concentrations?	THSP SEIR page 4.3-32 to 4.3-41 & page 4.3-44 to 4.3-45	No	No	No	Yes THSP SEIR MM 4.3-4a & MM 4.3-4b
e. Create objectionable odors affecting a substantial number of people?	THSP SEIR page 4.3-41	No	No	No	No

Discussion

Relevant Changes to Project Related to Air Quality

There have not been any changes to the proposed Project related to air quality.

Relevant Changes to Environmental Setting

The proposed Project lies within the central portion of the San Joaquin Valley Air Basin (SJVAB). The San Joaquin Valley Air Pollution Control District (SJVAPCD) has jurisdiction over most air quality matters in the

Basin and is tasked with implementing programs and regulations required by the federal and State Clean Air Acts. If a project is found to interfere with the region's ability to comply with federal and State air quality standards, local governments then need to consider project modifications or provide mitigation measures to eliminate the inconsistency of the project plans. In order for a project to be considered "consistent" with the latest Air Quality Plan (AQP), the project must be consistent with the goals, objectives, and assumptions in the respective plan to achieve Federal and State air quality standards. Additionally, both construction related and long-term emissions are required to be quantified and compared to the SJVAPCD significance thresholds. The SJVAPCD continues to review and refine air quality plans.

Comparative Impacts Discussion

Emissions from the construction and operational phase of the proposed Project were included as part of the emissions estimate for buildout conditions of the THSP Area as evaluated in the previously certified THSP SEIR. The THSP SEIR found that buildout would generate a substantial increase in criteria air pollutants that would exceed the SJVACPD's significance thresholds during both construction and operation of the THSP project. As discussed in the THSP SEIR, buildout of the THSP would result in exceedances of the SJVAPCD thresholds for criteria pollutants including inconsistencies with the 2013 Ozone Plan and the 2012 $PM_{2.5}$ Plan in this regard. However, implementation of THSP SEIR Mitigation Measures 4.3-1a, 4.3-1b, 4.3-1c, 4.3-2 and 4.7-1 would apply to the proposed Project, and be consistent with the assumptions made in the THSP SEIR. Despite these mitigation measures, the THSP SEIR concluded that buildout of the THSP Area would be inconsistent with the SJVAPCD's air quality plans and such impacts were considered significant and unavoidable.

The Project would not increase development within the THSP. The total development intensity would be consistent with impacts previously analyzed in the THSP SEIR. Additionally, the proposed Project would not result in changes to the vehicle trip generation analyzed in the THSP SEIR. Given that the proposed Project land uses would be consistent with those previously approved in the THSP, the impact relative to an applicable air quality plan would be similar to what was identified in the certified EIRs and no new impact or increase in the severity of a previously identified impact would occur.

Construction

Construction emissions for buildout of the THSP were estimated in the previously certified THSP SEIR using the California Emissions Estimator Model (CalEEMod). Based on the THSP SEIR, buildout of the THSP would result in construction emissions that would exceed SJVAPCD's 10 tons per year threshold for reactive organic gases (ROG) and nitrogen oxides (NOx). The THSP SEIR found impacts from construction emissions would be significant and unavoidable after implementation of Mitigation Measures AQ 4.3-1a through 4.3-1c, in the THSP SEIR.

Given that no change in net development is proposed by the Project, construction impacts from the proposed Project would be the same as those identified in the THSP SEIR, which is significant and unavoidable. Additionally, the Project would not increase the number of impervious surfaces through construction of buildings, parking areas, roadways, and other improvements compared to the THSP SEIR.

Therefore, construction equipment used and phasing for the proposed Project would be roughly similar to the THSP SEIR. The proposed Project's impact relative to construction air emissions would be similar to those identified in the THSP SEIR. No new impact or increase in the severity of a previously identified impact would occur. Mitigation from the certified THSP SEIR is applicable to the proposed Project that would reduce the severity of the significant and unavoidable impact. However, even with mitigation incorporated, impacts would remain significant and unavoidable but would not be greater than the impact analyzed in certified EIRs.

Operations

Long-term operational emissions would be generated from the day-to-day operations of the buildout of the THSP. Operational emissions for land use development projects are typically distinguished as mobile, energy, and area sources of emissions. Operational emissions for buildout of the THSP were estimated using CalEEMod and analyzed in the THSP SEIR. According to the THSP SEIR, buildout of the THSP Area would result in operational emissions that exceed SJVAPCD thresholds for ROG, NOX, carbon monoxide (CO), and particulate matter with a diameter smaller than 10 microns (PM10) and smaller than 2.5 microns (PM2.5). The proposed Project would not result in an increase of development density or intensity within the THSP Area and would not result in any changes to vehicular trip generation. Therefore, no new impact or increase in the severity of a previously identified impact would occur. Although the previously identified significant and unavoidable impact would remain, implementation of THSP SEIR Mitigation Measure 4.3-2 would reduce the severity of this impact to the maximum extent feasible. However, impacts would remain significant and unavoidable and would not be greater than the impact analyzed in the THSP SEIR.

The region of the proposed Project area is classified as nonattainment for ozone, PM_{10}, and $PM_{2.5}$. Buildout of the THSP Area would generate emissions of ROG, PM_{10}, and NO_X during construction and operation that would be above the SJVACPD's regional thresholds of significance. According to the findings in the THSP SEIR, the impact relative to ROG, CO, $PM_{2.5}$, PM_{10} and NO_x is considered potentially significant. This was identified as a significant and unavoidable impact within the THSP SEIR.

Similar to the THSP, the proposed Project would contribute to these overall emissions. However, as discussed above, construction and operational air quality impacts would be consistent with the THSP SEIR. Mitigation Measures 4.3-1a through 4.3-1c, 4.3-2 and 4.3-4b from the THSP SEIR would be applicable to the proposed Project and would reduce the severity of the impact. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Exposure of toxic air contaminants was assessed in the THSP SEIR by evaluating diesel particulate matter (DPM) emissions on nearby sensitive receptors. A Health Risk Assessment (HRA) and addendum were prepared for the previously certified THSP SEIR. The HRA addressed the potential contribution of public exposure to DPM by locating sensitive receptors within 500 feet of I-580 (a generator of toxic air contaminants). The HRA determined that proposed Project operations would not exceed the 10 cases per million that is considered significant by the SJVAPCD and CARB. The proposed Project site is located more than 1,000 feet from I-580 and outside of CARB's 500-foot buffer. Therefore, the proposed Project would

not increase risk hazards from freeway exposure. Under the same combined scenario, cancer risk at sensitive receptors adjacent to the THSP Area would have risk up to 4.61 new cases per million persons (in nine-year exposure) and would not exceed the SJVAPCD significance threshold. The HRA determined that the 30- and 70-year exposure periods would exceed SJVAPCD significance thresholds for cancer risk. However, with Project design features including Minimum Efficiency Reporting Value (MERV) 13 (or equivalent air filtration system), all three exposure periods would not exceed the significance threshold.

Impacts associated with the THSP related to criteria pollutant emissions during construction were identified as significant and unavoidable within the THSP SEIR. The proposed Project would not result in an increase in developed area within the THSP Area or an increase in development intensity. Thus, the impact relative to exposure of toxic air contaminants would be similar to that identified in the THSP SEIR. Consistent with the THSP SEIR, with implementation of THSP SEIR Mitigation Measure 4.3-4b, the resulting impact from the proposed Project would be less than significant. No new impact or increase in the severity of a previously identified impact in the certified THSP SEIR would occur as a result of the proposed Project.

The primary mobile-source pollutant of localized concern is carbon monoxide (CO). Localized CO concentrations near roadway intersections are a function of traffic volumes, speed, and delay. Under specific metrological conditions, CO concentrations near roadways and/or intersections may reach unhealthy levels with respect to sensitive receptors, often referred to as a “CO hotspot”. CO hotspots are high, localized CO concentrations and are generally caused by congested intersections with a large volume of traffic.

CO hot spot modeling was performed for the THSP SEIR. As shown in Table 4.3-10 in the THSP SEIR, the nine highest volume intersections in the THSP Area under full buildout would be well below the established standard for CO. As discussed above, the proposed land uses would be consistent with those analyzed in the THSP SEIR. Therefore, the proposed Project impacts related to ambient air quality CO concentrations would be less than significant. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP and no further analysis is required.

The THSP SEIR found impacts associated with odors to be considered less than significant. SJVAPCD has identified a list of common types of facilities that have been known to produce odors in the Basin along with a reasonable distance from the source within which, the degree of odors could be significant. These land uses include the following: wastewater treatment facilities, sanitary landfills, transfer stations, composting facilities, petroleum refinery, asphalt batch plant, chemical manufacturing, fiberglass manufacturing, painting/coating operations, food processing facilities, feed lot/dairies and rendering plants. The proposed Project does not propose these types of uses, and there would be no odor impact.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.3-1a

Prior to the issuance of any grading permit the City Engineer and the Chief Building Official shall confirm that the Grading Plan, Building Plans, and specifications stipulate that, in compliance with SJVAPCD Regulation VIII, excessive fugitive dust emissions shall be controlled by regular watering or other dust prevention measures. Implementation of the following measures would reduce short-term fugitive dust impacts on nearby sensitive receptors:

- *All disturbed areas, including storage piles, which are not being actively utilized for construction purposes, shall be effectively stabilized of dust emissions using water, chemical stabilizer/suppressant, covered with a tarp or other suitable cover or vegetative ground cover;*
- *All on-site unpaved roads and off-site unpaved access roads shall be effectively stabilized of dust emissions using water or chemical stabilizer/suppressant;*
- *All land clearing, grubbing, scraping, excavation, land leveling, grading, cut and fill, and demolition activities shall be effectively controlled of fugitive dust emissions utilizing application of water or by presoaking;*
- *When materials are transported off-site, all material shall be covered, or effectively wetted to limit visible dust emissions, and at least six inches of freeboard space from the top of the container shall be maintained;*
- *All operations shall limit or expeditiously remove the accumulation of mud or dirt from adjacent public streets at the end of each workday. (The use of dry rotary brushes is expressly prohibited except where preceded or accompanied by sufficient wetting to limit the visible dust emissions.) (Use of blower devices is expressly forbidden.);*
- *Following the addition of materials to, or the removal of materials from, the surface of outdoor storage piles, said piles shall be effectively stabilized of fugitive dust emissions utilizing sufficient water or chemical stabilizer/suppressant;*
- *Within urban areas, trackout shall be immediately removed when it extends 50 or more feet from the site and at the end of each workday;*
- *Any site with 150 or more vehicle trips per day shall prevent carryout and trackout;*
- *Limit traffic speeds on unpaved roads to 15 mph;*
- *Install sandbags or other erosion control measures to prevent silt run-off to public roadways from sites with a slope greater than one percent;*

- *Install wheel washers for all exiting trucks, or wash off all trucks and equipment leaving the THSP Project Area; and*
- *Fugitive dust emanating from the Project site shall not exceed 20 percent opacity, per SJVAPCD Regulation VIII.*
- *Applicant shall consult with the County Public Health Services Department to develop a Valley Fever Dust Management Plan that addresses Valley Fever exposure. The Plan shall be provided to the City and shall include a program to evaluate the potential for exposure to Valley Fever from construction activities and to identify appropriate dust management and safety procedures that shall be implemented, as needed, to minimize personnel and public exposure to potential Valley Fever-containing dust.*

Mitigation Measure 4.3-1b

The following measures shall be implemented during construction to reduce NOX related emissions. They shall be included in the Grading Plan, Building Plans, and contract specifications. Contract specification language shall be reviewed by the City prior to issuance of a grading permit.

- *Use of construction equipment rated by the United States Environmental Protection Agency (EPA) as having Tier 3 or higher exhaust emission limits for equipment over 50 horsepower that are onsite for more than 5 days, if available and feasible. Tier 3 engines between 50 and 750 horsepower are available for 2006 to 2008 model years. After January 1, 2015, encourage the use of equipment over 50 horsepower that are on-site for more than 5 days to meet the Tier 4 standards, if available and feasible. A list of construction equipment by type and model year shall be maintained by the construction contractor onsite, which shall be available for City review upon request.*
    - *Use of alternative-fueled or catalyst-equipped diesel construction equipment, if available and feasible; and*
    - *Clearly posted signs that require operators of trucks and construction equipment to minimize idling time (e.g., 5-minute maximum).*
    - *Properly and routinely maintain all construction equipment, as recommended by manufacturer's manuals, to control exhaust emissions.*
    - *Use electric equipment for construction whenever possible in lieu of fossil fuel-fired equipment.*

Mitigation Measure 4.3-1c

Prior to the issuance of any grading permit, the City shall confirm that the Project complies with the SJVAPCD Rule 9510, Indirect Source (ISR). If feasible measures are not available to meet the emissions reductions targets outlined in Rule 9510, then Project applicants shall pay an in-lieu mitigation fee to

the SJVAPCD to offset the Project's emissions-related impacts, or coordinate with the SJVAPCD to implement a Voluntary Emission Reduction Agreement (VERA). If in-lieu fees are required, Project applicants shall coordinate with the SJVAPCD to calculate the amount of the fees required to offset the Project's impacts. The applicant shall document, to the City's reasonable satisfaction, its compliance with this mitigation measure.

Mitigation Measure 4.3-2

Prior to issuance of building permits, each applicant for individual site specific developments under the THSP shall demonstrate compliance with SJVAPCD Rule 9510, Indirect Source Review (ISR) or implementation of a Voluntary Emission Reduction Agreement (VERA). Project applicants shall coordinate with the SJVAPCD to ensure that the Project meets the requirements of SJVAPCD Rule 9510 or implements a VERA. If feasible reduction measures are not available to meet the emissions reductions targets as established by the SJVAPCD, then Project Applicants shall pay an in-lieu mitigation fee to the SJVAPCD to offset the Project's emissions-related impacts. If in-lieu fees are required, Project Applicants shall coordinate with the SJVAPCD to calculate the amount of the fees required to offset the Project's impacts.

Mitigation Measure 4.3-4a

New sensitive land uses including residential, hospital, medical offices, and day care facilities located within 500 feet of the I-580 freeway shall be designed to include air filtration systems with efficiencies equal to or exceeding a Minimum Efficiency Reporting Value (MERV) 13 (or equivalent system) as defined by the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 52.2. The average particle size efficiency (PSE) removal based on ASHRAE Standard 52.2 for MERV 13 is approximately 75 percent for 0.3 to 1.0 µg/m3 (DPM) and 90 percent for 1.0 to 10 µg/m3 (PM10 and PM2.5).

Mitigation Measure 4.3-4b

New sensitive land uses including residential, hospital, medical offices, and day care facilities shall not be located closer than 1,000 feet from any existing or proposed distribution center/warehouse facility which generates a minimum of 100 truck trips per day, or 40 truck trips with transport refrigeration units (TRUs) per day, or TRU operations exceeding 300 hours per week, pursuant to the recommendations set forth in the CARB Air Quality and Land Use Handbook. If new sensitive land uses cannot meet this setback, they shall be designed and conditioned to include mechanical ventilation systems with fresh air filtration. For operable windows or other sources of ambient air filtration, installation of a central heating, ventilation, and air conditioning (HVAC) system that includes high efficiency filters for particulates (Minimum Efficiency Reporting Value [MERV] 13 or higher) or other similarly effective systems shall be required.

Mitigation Measure 4.7-1

The Project shall include, but not be limited to, the following list of design features. These features shall be incorporated into the design of the Project to ensure consistency with adopted statewide plans and programs to the extent feasible. Project applicants shall demonstrate the incorporation of design features of the Project prior to the issuance of building or occupancy permits, as noted below.

Transportation

- *Provide pedestrian connections to the off-site circulation network (building permit triggers).*
- *For commercial uses, implement a trip reduction program, for which all employees shall be eligible to participate (occupancy permit).*
- *Provide a ride sharing program, for which all employees shall be eligible to participate (occupancy permit).*
- *Provide amenities for non-motorized transportation (i.e., secure bicycle storage, changing rooms, and showers) (building permit).*
- *Provide transit shelters for all transit stops within the Project (building permit triggers and coordination with TRACER.).*
- *Include traffic calming measures at Project intersections and on roadways where feasible (tentative map).*
- *Employers shall provide parking cash-out programs for employees (100 percent of employees eligible).*

Energy Efficiency

- *Design buildings to be energy efficient and meet or exceed Title 24 requirements (per Measure E-1 of the City's Sustainability Action Plan (building permit).*
- *Install "cool" roofs and cool pavements, and strategically placed trees as applicable.*
- *Install high efficiency lighting, and energy efficient heating and cooling systems (building permit).*
- *Install high energy efficient appliances (clothes washers, dishwashers, fan, and refrigerators) (occupancy permit).*
- *Install programmable thermostats (building permit).*
- *Design buildings to reduce energy use through solar orientation and take advantage of landscaping and sun screens (building permit).*
- *Reduce unnecessary outdoor lighting (building permit).*

Water Conservation and Efficiency

- *Install water-efficient irrigation systems (building permit).*
- *Landscaping shall consist of drought tolerant native species with water-efficient characteristics (building permit).*
- *Comply with Municipal Code Section 21.20.050, Efficient Landscape Standards (building permit).*
- *Install water-efficient fixtures (e.g., faucets, toilets, showers) (building permit).*
- *Install infrastructure for recycled water per the City's Infrastructure Master Plan.*

Solid Waste

- *Reuse and recycle construction and demolition waste (including, but not limited to, soil, vegetation, concrete, lumber, metal, and cardboard) (building permit).*
- *Provide interior and exterior storage areas for recyclables and adequate recycling containers located in public areas (occupancy permit).*

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Air Quality

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to air qualtiy, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to air quality from the proposed Project would not require the preparation of a subsequent EIR.

Biological Resources

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	THSP SEIR page 4.4-47 to 4.4-58	No	No	No	Yes THSP SEIR MM 4.4-1a through MM 4.4-1p
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	THSP SEIR page 4.4-59	No	No	No	No
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	THSP SEIR page 4.4-60 to 4.4-61	No	No	No	Yes THSP SEIR MM 4.4-3a through MM 4.4-3d
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	THSP SEIR page 4.4-62 to 4.4-64	No	No	No	Yes THSP SEIR MM 4.4-4a
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	THSP SEIR page 4.4-64 to 4.4-66	No	No	No	Yes THSP SEIR MM 4.4-1a through MM 4.4-1o

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	THSP SEIR page 4.4-66 to 4.4-68	No	No	No	Yes THSP SEIR MM 4.4-1h, MM 4.4-1j, MM 4.4-1m & MM 4.4-4a (see also MM 4.4-1a through MM 4.4-1p)

Discussion

Relevant Changes to Project Related to Biological Resources

The proposed Project footprint is within the footprint previously analyzed in the THSP SEIR.

Relevant Changes to Environmental Setting

A Biological Resources Assessment was prepared by Bargas Environmental Consulting in March 2021 for the proposed Project to summarize the findings of baseline biological resources surveys (See Attachment A). The Biological Resources Assessment provides historic and current data that evaluates land cover types and determines the potential for occurrence of common and special-status species, and their habitats, within the Project area. A pedestrian survey was conducted by Bargas staff on November 2, 2020 to assess the current site conditions, characterize the vegetative communities present, document plant and wildlife species observed, and identify presence of pre-existing bird or raptor nests and habitat that could potentially support special-status species.

At one point, there was an orchard on the site of the Commerce Center project, but as of December 2024, the orchard appears to have been removed.

Comparative Impacts Discussion

<u>Plants</u>

The Project area is located within Area A of the THSP Area, which is composed of orchard, ruderal, agricultural, developed and California Aqueduct/Open Water, and is completely undeveloped with no native vegetation or suitable habitat for special status species. Consistent with the THSP SEIR, the Biological Resource Assessment determined that the Project area has a low potential for plant diversity. However, it is important to note that the survey was not conducted during the blooming period for most

annual plants. Four species were determined to have low potential, and one species was determined to have "no potential" to occur in the Project area. The Project area consists almost entirely of orchard crops and lack vegetation community diversity. Therefore, Project implementation would result in a less than significant impact on sensitive plant species. Nonetheless, implementation of Mitigation Measure BIO 4.4-1b in the THSP SEIR was recommended to ensure impacts related to special status plant species remain less than significant.

Wildlife Species

As determined in the THSP SEIR, no federally or State listed species have ever been documented in the THSP Area. The California Red Legged Frog (CRLF) was documented off of the THSP Area in the Corral Hollow Creek area, which is located in the adjacent 3,500 acre preserve area and has been designated as critical habitat for the CRLF by the USFWS. Therefore, it was determined that all areas of the THSP that could potentially support the CRLF are outside the THSP's footprint.

The THSP SEIR also determined that the THSP could potentially support Burrowing Owl, Swainson's Hawk, Northern Harrier, Loggerhead Shrike, American Badger, San Joaquin Whipsnake, Prairie Falcon, and Coast Horned Lizard. However, even though some of these species have been spotted on the THSP Area in a limited quantity, the lack of quality habitat on the THSP Area for these species was found to be less than significant. No other listed, sensitive or special status wildlife species are known to occur on the THSP, and no suitable habitat was found on the THSP to support other listed, sensitive or special status wildlife species. To ensure that the THSP's impacts on wildlife species remain less than significant, THSP SEIR Mitigation Measures 4.4-1a, 4.4-1b, 4.4-1c, 4.4-1d, 4.4-1e, 4.4-1f, 4.4-1h, 4.4-1i, 4.4-1j, 4.4-1k, 4.4-1l, 4.4-1m, 4.4-1n, and 4.4-1o and avoidance measures were recommended.

The Biological Resources Assessment (Bargas, March 2021) determined that no riparian habitat was observed within the Project area. This is consistent with the impact conclusions of the THSP SEIR. Thus, the proposed Project would not have an adverse effect on any riparian habitat or other sensitive natural community than what was previously analyzed in the certified EIR.

The Biological Resources Assessment determined that the Project area does not include Regional Water Quality Control Board (RWQCB) or CDFW jurisdictional wetlands. However, there is one man-made irrigation ditch that was observed within the Project survey area (Bargas, March 2021). The feature is approximately 3 feet wide and contains chunks of concrete debris, presumably material that had lined the ditch at an unknown period of time. Other man-made features, which include a roadside drainage swale and two similar man-made drainage ditches were observed along the border of the Project area as shown in Appendix A, Exhibit 4. The Biological Resources Assessment determined these man-made features are unlikely to be under the jurisdiction of USACE or RWQCB. For these reasons, the proposed Project would not affect jurisdictional wetlands and the proposed Project's impact on jurisdictional wetlands would remain less than significant.

As determined in the THSP SEIR, the portion of the THSP Area that would be developed is not likely to support any State or federally- listed flora or fauna and is comprised entirely of non-native vegetation and low-grade habitat for any native wildlife species. As determined in the THSP SEIR, buildout of the THSP

would be designed to avoid impacts to the movement of resident or migratory wildlife. Impacts on wildlife movement opportunities were considered less than significant in the previously certified THSP SEIR. Opportunities for terrestrial wildlife movement within the THSP Area are currently limited by the California Aqueduct and Delta-Mendota Canal. THSP SEIR Mitigation Measure 4.4-4a would ensure a 100-foot setback from the California Aqueduct be required to allow wildlife movement to persist throughout the THSP Area without any significant barriers or blockades, consistent with THSP SEIR Mitigation Measure 4.4-4a. While the Project would introduce paved or hardscaped surfaces such as fencing, structures, or other physical barriers that may represent impediments to wildlife movement through the site, the Project area does not represent a unique habitat type and is surrounded by similar land uses. Consistent with the impact conclusions in the THSP SEIR, the Biological Resources Assessment determined that given the generally low level of development and expansive surrounding agricultural land adjacent to the Project area, changes to the land use in the Project area are not expected to be significant impediments to wildlife movement.

The THSP SEIR concluded that the THSP adheres to all federal, State, and local regulations regarding sensitive species. As discussed above and in the THSP SEIR, the portion of the THSP Area that would be developed is not expected to support any federally or State listed species, and pre-construction surveys and other preventative measures required THSP Mitigation Measures 4.4-1a through 4.4-1f and 4.4-1h through 4.4-1o would ensure that in the unlikely event these species are found in the THSP Area, impacts to those species would be avoided. THSP SEIR Mitigation Measures 4.4-1a through 4.4-1f and 4.4-1h through 4.4-1o would assure that any impacts on California species of special concern that may occur would be less than significant.

The proposed Project area is located within the sphere of influence of the San Joaquin Multi-Species Conservation Plan (SJMSCP). As set forth in THSP SEIR Mitigation Measure 4.4-1h, *all applicants who conduct projects within Area A of the THSP Area (which includes the proposed Project site) shall adhere to the terms of the SJMSCP* to address potential impacts on special-status species associated with the conversion of existing habitat to urban uses. By participating in the SJMSCP, applicants would be required to comply with all relevant conditions of the SJMSCP use agreement, including the Incidental Take Minimization Measures defined in Section 5.2 of the SJMSCP. As a result, no impacts relative to conservation plans would occur as a result of the THSP.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.4-1a

Construction operations will be overseen by an appropriately-credentialed biologist (biological monitor), and the Project will implement a worker environmental awareness training program to reduce the Project's potential adverse effects to special status species. This measure is specific to Areas A, B and C of the Project.

Mitigation Measure 4.4-1b

Prior to commencement of ground disturbing activities in any areas of potentially suitable habitat to support special status plant species, pre-activity clearance surveys shall be initiated by a qualified botanist. This measure is specific to Area A, B and C.

- *Surveys shall be floristic in nature and timed during appropriate blooming periods.*
- *Surveys shall target those locales within the Project Site of direct and indirect effects. The results of these surveys shall be submitted to CDFW and USFWS for review.*
- *In the event special-status plant species are detected within portions of the Project Site proposed for development, individual plant(s) or populations shall plant be avoided whenever possible by delineation and observing a no disturbance buffer of at least 50 feet from the outer edge of the plant population(s) or specific habitat type(s) required by special-status plant species.*
- *If buffers cannot be maintained, then consultation with CDFW and USFWS is warranted to determine appropriate minimization measures for impacts to special-status plant species.*

Mitigation Measure 4.4-1c

Prior to commencement of ground disturbing activities in any areas of potentially suitable habitat to support San Joaquin Kit Fox, no less than sixty (60) days prior to any ground disturbing activates or grading, pre-construction clearance surveys shall be initialed by a qualified biologist to reinforce negative findings (the continued absence of SJKF) on the Project Site with substantial evidence. A second SJKF survey shall be conducted no more than thirty (30) days prior to the onset of construction or ground disturbing activities. If SJKF are detected within portions of the Project Site proposed for development, the developer shall immediately contact the USFWS telephonically and in writing, and following consultation with the USFWS, avoidance and minimization measures specific to SJKF will be incorporated into the Project as described in the USFWS "Standard Recommendations for Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbing Activities (1999)" and the USFWS "San Joaquin Kit Fox Habitat Evaluation Forms (2001)" to reduce impacts to this species to a less-than-significant level. These SJKF avoidance and minimization measures shall include the following:

1) *No later than forty five (45) days prior to any ground disturbing activities or grading, the developer shall contact a qualified biologist holding proper permits and provide approval to that biologist to relocate known SJKF located on site to the 3,500 acre open space preserve or another relocation preserve approved by the USFWS or covered by the SJMSCP.*
2) *No later than fourteen (14) days prior to any ground disturbing activities or grading, all known dens shall be monitored for at least three (3) consecutive days to ensure that SJKF dens, to the extent they exist on the Project Site, are unoccupied prior to den excavation.*
3) *No later than five (5) business days prior to the initiation of any ground disturbing activities or grading (Grading Start Date), developer shall notify the Regional Offices of CDFW and USFWS in*

writing of its intent to destroy unoccupied SJKF dens and initiate grading. At this time, Developer shall again authorize qualified representative of CDFW and USFWS to attempt to relocate known SJKF, to the extent feasible. If CDFW and USFWS are unable to relocate known SJKF by the Grading Start Date, Developer shall be required to eliminated known SJKF dens in the manner set forth below:

- *Known SJKF dens located on the Project Site shall be excavated and destroyed under the direct supervision of a qualified biologist. Prior to the destruction of the dens, the dens shall be monitored for at least three (3) consecutive days to determine whether the den is active or dormant. Activity at the den can be monitored by placing tracking medium at den entrances and by spot lighting. If no den activity is observed during this period, then den should be destroyed immediately, pursuant to the den destruction procedures set forth below.*

- *Destruction of dens shall be accomplished by careful excavation with hand tools until it is certain that no kit foxes are inside. The den shall be fully excavated and back filled with dirt and compacted to ensure that kit foxes cannot reenter or use the den during the construction period.*

- *If a kit fox is found inadvertently inside a den during excavation, the animal shall be allowed to escape unhindered, or, to the extent feasible, representatives from the CSFW or USFWS shall be contacted to attempt to relocate and/or collar the kit fox pursuant to SJMSCP or other applicable protocol.*

Mitigation Measure 4.4-1d

During construction, temporary disturbances and Project-related vehicle traffic will be restricted to established roads, construction areas, and other designated lands. Also during construction:

1) *Project-related construction vehicles will observe a daytime speed limit of 20-mph, except on County roads and State and Federal highways.*

2) *Night-time construction will be minimized to the greatest extent feasible. However if it does occur, then the speed limit will be reduced to 10-mph.*

3) *Project-related, non-ranch operations off-road traffic outside of designated Project areas that are undergoing construction will be prohibited.*

4) *To prevent inadvertent entrapment of small mammals, including SJKF, during construction, excavated, steep-walled holes or trenches more than 2-feet deep will be covered at the close of each working day by plywood or similar materials. Each excavation shall contain at least one ramp, with long trenches at least one ramp shall be placed every .25 mile. Slope of ramps shall be now steeper than 1:1. If the trenches cannot be closed, one or more escape ramps constructed of earthen-fill or wooden planks will be installed. Before such holes or trenches are filled, they will be thoroughly inspected for trapped wildlife. If at any time a trapped or injured SJKF is discovered,*

the USFWS and the CDFW will be contacted immediately to attempt to relocate and/or collar the SJKF. Escape ramps shall also be installed immediately to allow trapped animals to escape.

5) *Construction pipes, culverts, or similar structures with a diameter of 4-inches or greater that are stored within Project limits for one or more overnight periods will be thoroughly inspected for any SJKF before the pipe is subsequently buried, capped, or otherwise used or moved. If a kit fox is discovered inside a pipe, that section of pipe should not be moved until the USFWS and CDFW has been consulted. If necessary, and under the direct supervision of a biologist, the pipe may be moved only once to remove it from the path of construction activity, until the fox has escaped.*

6) *All food, garbage in plastic shall be disposed of in closed containers and regularly removed from the site to minimize attracting SJKF and other sensitive species to the site.*

7) *Use of rodenticides and herbicides within Project limits will be restricted. Uses of such compounds will observe label and other restrictions mandated by the U.S. Environmental Protection Agency, California Department of Food and Agriculture, and other State and Federal legislation, as well as additional project-related restrictions deemed necessary by the USFWS and CDFW. If rodent control must be conducted, zinc phosphide or an equivalent material will be used because of a lower adverse health risk to kit fox.*

8) *No dogs, cats or other animals shall be permitted on the Project Site.*

9) *Developer shall provide a sensitive species identification and avoidance education program for all construction employees that consists of a consultation in which persons knowledgeable in kit fox biology and legislative protection to explain endangered species protocols, habitat needs and the measures and conditions of approval being taken to reduce impacts to the species during project construction and implementation. A fact sheet conveying this information shall be prepared for distribution to all contractors, their employees, and any and all other personnel who are working on the construction site.*

Mitigation Measure 4.4-1e

Prior to commencement of ground disturbing activities in all areas of potentially suitable habitat to support Swainson's hawk, pre-activity clearance surveys shall be initialed by a qualified biologist to reinforce positive or negative findings with substantial evidence. If Swainson's hawk is detected within portions of the Project Site proposed for development, then avoidance and minimization measures specific to Swainson's hawk will be incorporated into the Project as described in the CDFW "Staff Report on Mitigation for Impacts to Swainson's Hawk (2012)" to reduce impacts to Swainson's hawk to less-than significant. This measure is applicable to Areas A, B and C of the Project.

1) *If an active nest site is found, the Project will allow sufficient foraging and fledging area to maintain the nest.*

2) *The Project will not remove historic or known Swainson's hawk nest trees unless avoidance measures are determined to be infeasible. Removal of such trees should occur only during the timeframe of October 1 and the last day in February.*

Mitigation Measure 4.4-1f

Prior to commencement of ground disturbing activities in all areas of potentially suitable habitat to support California Tiger Salamander (CTS), pre-activity clearance surveys shall be initialed by a qualified biologist in accordance with published guidelines and protocols. Survey methods shall be derived from published protocols, and to reinforce positive or negative findings with substantial evidence. If CTS is detected within portions of the Project Site proposed for development, then avoidance and minimization measures specific to CTS will be incorporated into the Project as necessary to reduce impacts to CTS to less-than significant. This measure is specific to Areas A, B and C of the Project.

1) *Temporary construction disturbances to CTS habitat will be minimized to the extent practicable. All Project-related vehicle traffic will be restricted to established roads, and construction areas.*

2) *A qualified biologist will be on site during all activities that may result in the take of CTS. The biologist will be given the authority to stop any work that may result in the take of this listed species.*

3) *The biologist will be responsible for ensuring that the exclusion fence installed around occupied CTS habitat inspected before the start of each day and remains intact until project construction is complete.*

4) *Plastic monofilament netting (erosion control matting) or similar material will not be used for erosion control or other purposes around occupied CTS habitat because CTS may become entangled or trapped in it. Acceptable substitutes include coconut coir matting or tackified hydroseeding.*

5) *The project proponent or its contractor will implement BMPs to prevent sediment from entering suitable CTS habitat through the use of silt fencing and sterile hay bales.*

6) *A worker training program that includes the CTS will be conducted for construction personnel before groundbreaking at individual redevelopment project sites.*

7) *A speed limit of 20 (mph) will be observed within construction areas, particularly on rainy nights when CTS are most likely to be moving between their breeding ponds and upland habitat. To the extent possible, nighttime construction will be minimized. Off-road traffic outside designated construction areas will be prohibited.*

8) *To prevent entrapment of CTS during construction, any trenches, holes, or other excavations into which CTS could fall and become trapped will be covered. The opening will be completely covered at the end of each workday.*

Mitigation Measure 4.4-1g

Prior to commencement of ground disturbing activities in all areas of potentially suitable habitat to support California red-legged frog (CRLF), pre-activity clearance surveys shall be initialed by a qualified biologist to reinforce positive or negative findings with substantial evidence. This measure is specific to Areas B and C of the Project.

1) *Survey will occur during the wet season (generally October 15 to April 15), no more than 48 hours before new ground disturbance.*

2) *A worker training program that includes the CRLF will be conducted for construction personnel before groundbreaking at individual redevelopment project sites.*

3) *If a CRLF is found, the construction supervisor shall halt work immediately within a buffer area of 50 feet of any discovered CRLF. The construction supervisor will also contact the project biologist and will suspend all construction activities in the immediate construction zone (50-foot radius) until the animal leaves the site voluntarily or is removed by the biologist to a release site using USFWS-approved transportation techniques.*

4) *To prevent entrapment of CRLF during construction, any trenches, holes, or other excavations into which CRLF could fall and become trapped will be covered. The opening will be completely covered at the end of each workday.*

Mitigation Measure 4.4-1h

All applicants who conduct Projects within Areas A and B of the Project Site shall adhere to the terms of the SJMSCP. Participation in the SJMSCP includes compliance with all incidental take measures as required in the SJMSCP, including but not limited to preconstruction surveys to determine presence for special status flora and fauna. Notwithstanding this biological resource section's less-than-significant impact conclusions, if required by applicable law, projects being implemented within Area C shall voluntarily secure Section 7 and/or Section 10 permits in consultation with the appropriate wildlife agencies.

Mitigation Measure 4.4-1i

Pre-construction surveys shall include a survey for burrowing owl and raptor nests, which will be conducted prior to grading. Pre-construction surveys for burrowing owl will be conducted weekly, beginning no later than thirty (30) days and ending no earlier than three (3) days prior to the commencement of disturbance. If burrowing owls are found during the pre-construction survey, then replacement burrows and habitat shall be provided prior to the commencement of construction within the 3,500 acre preserve area. The Project applicant shall provide artificial replacement burrows in the event that owls are detected, either as wintering or breeding within Project boundaries.

Construction activities associated with project features that occur within portions of the Project Site containing occupied or suitable habitat for the burrowing owl and raptor nests shall be restriction to

periods outside the breeding season for this species. The breed season for burring owl runs from February 15 through August 31.

If construction or operation activities occur during the breeding season for burrowing owls, surveys are required prior to such construction to determine the presence or absence of this species within the impact area. Focused surveys shall be conducted under CDFW and Burrowing Owl Consortium protocol by a qualified biologist from February 15 to August 31. If this species is determined to occupy any portion of the Project Site, consultation with the CDFW and USFWS is required and no construction activity shall take place within 500 feet of an active nest/burrow until it has been determined that the nest/burrow is no longer active, and all juveniles have fledged the nest/burrow. No disturbance to active burrows shall occur without appropriate permitting through the SJMSCP or CDFW.

If active burrows are detected outside the breeding season, passive and/or active relocation may be approved following consultation with the CDFW and USFWS. The installation of one-way doors may be installed as part of a passive relocation program. Wintering individuals may be evicted with the use of exclusion devices followed by a period of seven days to ensure that animals have left their burrows. Burrowing owl burros shall be excavated with hand tools by a qualified biologist when determined to be unoccupied, and backfilled to ensure that animals do not reenter.

Mitigation Measure 4.4-1j

To avoid the potential for disturbance of nesting birds on or near the Project Site, schedule the initiation of any vegetation removal and grading for the period of September 1 through February 15. If construction work cannot be scheduled during this period, a qualified biologist shall conduct preconstruction surveys for nesting birds according to the following guidelines:

1) *The preconstruction surveys shall be conducted by the qualified biologist no later than 14 days prior to the start of vegetation removal or initiating project grading.*

2) *If birds protected under the Migratory Bird Treaty Act are found nesting, then appropriate construction buffers shall be established to avoid disturbance of the nests until such time that the young have fledged. The size of the nest buffer shall be determined by the biologist in consultation with CDFW, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. Typically, these buffers range from 75 to 250 feet from the nest location.*

3) *Nesting activities shall be monitored periodically by a qualified biologist to determine when construction activities in the buffer area can resume.*

4) *Once the qualified biologist has determined that young birds have successfully fledged, a monitoring report shall be prepared and submitted to the City of Tracy Development Services for review and approval prior to initiating construction activities within the buffer area. The monitoring report shall summarize the results of the nest monitoring, describe construction restrictions currently in place, and confirm that construction activities can proceed within the buffer area without jeopardizing the survival of the young birds. Construction within the*

designated buffer area shall not proceed until the written authorization is received by the applicant from the Development Services Director. The above provisions are in addition to the preconstruction surveys to confirm presence or absence of nesting Swainson's hawk, burrowing owl, and other special-status species as required under the Incidental Take Minimization Measures of the SJMSCP.

Mitigation Measure 4.4-1k

In order to comply with Section 10 of the Migratory Bird Treaty Act and relevant sections of the California Fish and Game Code, any vegetation clearing within the Project Site shall take place outside of the typical avian nesting season (e.g., February 1st until September 1st) to the maximum extent practical. If work needs to take place between February 1st and September 1st, a pre-construction survey for nesting birds should be completed prior to the onset of Project activities. If a lapse in Project activity occurs for 7 days or more during the bird nesting season than initial avian clearance surveys shall be repeated. A buffer zone from occupied nests should be maintained during physical ground disturbing activities. Once nesting has ended, the buffer may be removed.

Mitigation Measure 4.4-1l

Prior to construction, the Project applicant will stake, flag, fence or otherwise conspicuously delineate all environmentally sensitive areas that are to be protected in place and remain undisturbed during construction. Environmentally sensitive areas would include wetland, riparian habitat, aquatic habitat, raptor nesting locations, etc. The construction materials used to delineate environmentally sensitive areas would be removed no later than 30 days following physical completion of construction.

Mitigation Measure 4.4-1m

The discovery of any previously unidentified protected species that are not covered by the SJMSCP, including those protected under the MBTA and the Fish and Game Code, shall be avoided and evaluated by a qualified biologist during surveys. The USFWS and CDFG shall be notified of the presence of any previously unreported protected species. Any unanticipated take of protected wildlife shall be reported immediately to the USFWS and CDFG.

Mitigation Measure 4.4-1n

Prior to commencement of ground disturbing activities in areas of potentially suitable habitat to support Western spadefoot toad, pre-activity clearance surveys shall be initialed by a qualified biologist to reinforce positive or negative findings with substantial evidence.

1) *For work conducted within suitable habitat and during the western spadefoot toad migration and breeding season (November 1 to May 31), a qualified biologist will survey the active work areas (including access roads) in mornings following measurable precipitation events. Construction may commence once the biologist has confirmed that no spadefoot toads are in the work area.*

2) *If western spadefoot toad is found within the construction footprint, it will be allowed to move out of harm's way of its own volition or a qualified biologist will relocate the organism to the nearest burrow that is outside of the construction impact area.*

Mitigation Measure 4.4-1o

Prior to commencement of ground disturbing activities in areas of potentially suitable habitat to support American Badger, pre-activity clearance surveys shall be initialed by a qualified biologist to reinforce positive or negative findings with substantial evidence. If American badger is located within the Project Site, potential loss of individual animals must be mitigated through one of the following: (1) an on-site passive relocation program, through which badgers are excluded from occupied burrows by installation of a one-way door in burrow entrances, monitoring of the burrow for one week to confirm badger usage has been discontinued, and hand excavation and collapse of the burrow to prevent reoccupation; or (2) active trapping and relocation of badgers to suitable off-site habitat by a qualified biologist.

Mitigation Measure 4.4-1p

The Project applicant shall execute a management and funding agreement for the managing and monitoring of one hundred percent of the approximately 3,500 acre open space preserve subject to the three conversation easements discussed in this Section, which shall occur before the commencement of any ground disturbing activities in Area C. (Note Areas A and B are already subject to a management and funding agreement and therefore this Measure applies to Area C.)

Mitigation Measure 4.4-3a

The project area includes numerous small episodic drainage features. If adverse effects to them cannot be avoided, then the Project shall notify the appropriate regulatory agency (i.e., USACE, CDFW and RWQCB) prior to impacting the feature, to comply with the requisite permitting requirements.

1) *Section 401 of the CWA requires a water quality certification for discharges and/or adverse impacts to regulated waterways and aquatic environments. The RWQCB is empowered to enforce this regulation through the Water Quality Certification Program. For this Project, activities may require a CWA Section 401 Water Quality Certification (WQC).*

2) *Section 1600 of the California Fish and Game Code (CFGC) regulates substantial alteration of waters and their adjacent riparian lands within the State. For this Project, activities may require Lake and Streambed Alteration Notification.*

3) *If impacts to special aquatic resource areas are ultimately unavoidable within the Project Site, then the applicant should develop an informal plan to offset or compensate for adverse effects to these resources to ensure rapid and favorable action during any warranted permitting processes. With regard to Waters of the State, the Project has voluntarily elected to offset locales associated with permanent losses, at a mitigation to impact ratio of 3:1, and 1:1 for temporary disturbances to regulated waters, riparian habitats or other sensitive natural communities in all areas where*

Project related activities would be expected to adversely affect watercourses, streams, drainages, and their tributaries. The offset associated with permanent losses would occur by purchasing conservation credits from an approved mitigation bank, in-lieu fee program, or equivalent resource agency-approved process.

4) *Avoidance measures being utilized by the Project include but are not be limited to the following: 1) complete avoidance of wetlands and other water features; 2) construction of structures to maintain natural floodplains; 3) installation of open channel drainages, swales or bottomless culvert systems to maintain the integrity of natural water features; 4) installation of culverts for wildlife crossings in sensitive and unique habitats to allow connectivity among water features or natural lands; 5) use natural/biological materials in armoring of structures (i.e. bridges, culverts, etc.) to the greatest extent practical; 6) when feasible, install exclusionary fencing to guide wildlife away from roadways and into water features or sensitive habitats; and 7) consult with regulatory agencies to determine the most environmentally sound methods and alternatives prior to Project implementation.*

Mitigation Measure 4.4-3b

A Jurisdictional Determination would be required from the USACE documenting isolated conditions and lack of jurisdictional authority on the Project site.

Mitigation Measure 4.4-3c

A RWQCB Report of Waste Discharge (ROWD) pursuant to the California Water Code Section 13260 would need to be acquired for impacts to "waters of the State" under the jurisdictional authority of the RWQCB.

Mitigation Measure 4.4-3d

A CDFW Streambed Alteration Agreement shall also be obtained, where necessary under applicable laws and regulations, for any proposed Project activities that would affect State waters regulated by the CDFW within the Project Site.

Mitigation Measure 4.4-4a

A 100-foot setback from the California Aqueduct shall be required to allow wildlife movement to persist throughout the Project Site without any significant barriers or blockades. Prior to development of properties adjacent to I-580 or the south side of the California Aqueduct that do not have a 100-foot wide conservation easement placed adjacent to these facilities, a 100-foot wide conservation easement shall be recorded along the I-580 and the Aqueduct. These measure ensures that known wildlife movement corridors remain intact, and allow for an appropriate number and size of permeable wildlife passages through Project boundaries, ensuring connectively to areas that already are subject to conservation easements, such as the 3,500 acre preserve located adjacent to Area C.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Biological Resources

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to biological resources, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to biological resources from the proposed Project would not require the preparation of a subsequent EIR.

Cultural Resources

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?	THSP SEIR page 4.5-21 to 4.5-24	No	No	No	Yes THSP SEIR MM 4.5-1a & MM 4.5-1b
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	THSP SEIR page 4.5-24 to 4.5-25	No	No	No	Yes THSP SEIR MM 4.5-2a & MM 4.5-2b
c. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	THSP SEIR page 4.5-22	No	No	No	Yes THSP SEIR MM 4.5-3a & MM 4.5-2a
d. Disturb any human remains, including those interred outside of formal cemeteries?	THSP SEIR page 4.5-24 to 4.5-25	No	No	No	Yes THSP SEIR MM 4.5-2b

Discussion

Relevant Changes to Project Related to Cultural Resources

The proposed Project footprint is within the footprint previously analyzed in the THSP SEIR.

Relevant Changes to Environmental Setting

There has been no development of the Project site. No new resources have been encountered on the Project site.

Comparative Impacts Discussion

The THSP Area contains one historic resource (P-39-000090 California Aqueduct) that is listed on the National Register or California Register and is considered a historical resource for the purposes of CEQA. While the historic resource crosses through the THSP Area, it was determined in the THSP SEIR that implementation of the THSP would have no direct impacts to the aqueduct. The previously certified THSP SEIR determined the only potential impact to be a potential indirect impact due to visual effects on the resource, but the THSP SEIR found that the visual effects would not detract from the significance and

National Register or California Register eligibility of the resource (P-39-000090 California Aqueduct). Impacts to cultural or historical resources were determined to be less than significant with implementation of THSP SEIR Mitigation Measures 4.5-1a and 4.5-1b.

Similar to the THSP, build-out of the proposed Project has the potential to impact unknown archaeological resources due to grading and construction activities. Future development that may occur under the proposed Project site would be located within the same development footprint analyzed in the THSP SEIR. Given that the proposed Project would be located in the same footprint, the Project would not require substantially different ground disturbance than analyzed in the THSP. Impacts to unknown archaeological resources during ground disturbance activities would be similar to what was previously analyzed in the THSP SEIR. The procedures and provisions of THSP SEIR Mitigation Measure 4.5-2a would ensure that impacts to unanticipated archaeological discoveries are reduced to less-than-significant levels.

The records search and field survey conducted for the THSP SEIR did not identify any paleontological resources within or adjacent to the THSP boundaries. However, the surface sediments in most of the THSP Area have a low sensitivity for paleontological resources, but this sensitivity increases with depth (below 3-5 feet).[2] As such, build-out of the THSP Area has the potential to impact unknown archaeological resources because of its grading and construction activities. The THSP SEIR concluded that implementation of the THSP with mitigation measures would have a less than significant impact on paleontological resource. THSP SEIR Mitigation Measure 4.5-3a would require paleontological monitoring by a trained paleontologist and would reduce the potential impacts to paleontological resources or resource sites, or unique geological feature from implementation of the Project to a less-than-significant level.

The City of Tracy likely contains undiscovered resources, and the development of the proposed Project has the potential to disturb any human remains not previously discovered because of its grading and construction activities. However, construction of the THSP would be required to comply with federal and state regulations, which would reduce any potential impacts to undiscovered human remains. The THSP SEIR concluded that implementation of THSP SEIR Mitigation Measure 4.5-2b would have a less-than-significant impact on human remains. THSP SEIR Mitigation Measure 4.5-2b would ensure that impacts to unanticipated human remains are reduced to less than significant levels.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.5-1a

Lammers Road Homestead (P-39-000120) Monitoring. *A trained archaeological monitor (Bachelor of Arts/Bachelor of Science in anthropology or related field with an emphasis in archaeology OR adequate training and experience in archaeological field methods) shall be present within 100 feet of the Lammers Road Homestead (P-39-000120) (Lammers Road Homestead measures 490' (N-S) x 400' (E-*

[2] THSP Draft EIR, page 4.5-25.

W)) during ground disturbance associated with the Project. The archaeological monitor shall work under the direction of a qualified archaeologist (M.S./M.A. in anthropology, archaeology, or related discipline with an emphasis in archaeology and demonstrated competence in archaeological research, fieldwork, reporting, and curation and meets the Secretary of Interior standards as a qualified archaeologist). If a buried historic or archaeological feature or deposit is present it shall undergo archaeological excavation, analysis, technical reporting, and the collection shall be offered to a local repository, such as the Tracy Historical Museum. If no resources are found, the archaeological monitor shall submit a report that documents negative findings for buried historic archaeology.

Mitigation Measure 4.5-1b

Construction Personnel Training. *Construction supervisory personnel shall be notified of the existence of cultural resources and required to keep personnel and equipment away from these areas. A qualified archeologist (see definition under MM 4.5-1a) shall be notified prior to initiation of construction activities. During construction and operations, personnel and equipment shall be restricted to the project work site.*

Mitigation Measure 4.5-2a

Training and Reporting. *Prior to the initiation of disturbing activities associated with the Project area, all construction personnel shall be alerted to the potential for encountering buried or unanticipated cultural and paleontological remains, including prehistoric and/or historical resources. Construction personnel shall be instructed that upon discovery of buried cultural materials, all work within a 30 meter vicinity of the find will be halted immediately, and the lead agency will be notified. Once the find has been identified by a qualified archaeologist, the lead agency shall make the necessary plans for treatment of the find(s) and for the evaluation and mitigation of impacts if the find is found to be an historical resource per State CEQA Guidelines as discussed in Section 4.5.4.2.*

Mitigation Measure 4.5-2b

Human Remains. *If human remains are encountered during ground disturbing activities, all work within a 30 meter vicinity of the find will be halted immediately, and the City of Tracy and the San Joaquin County Coroner shall be notified. If the remains are determined to be Native American, the Native American Heritage Commission shall be notified within 24 hours as required by Public Resources Code §5097.94 and §5097.98. The Native American Heritage Commission shall notify the designated Most Likely Descendant(s), who will in turn provide recommendations for the treatment of the remains within 48 hours of being granted access to the find.*

Mitigation Measure 4.5-3a

Paleontological Monitoring. *Paleontological spot check monitoring by a trained paleontologist (a trained paleontologist should have a Bachelor of Arts/Bachelor of Science in anthropology or related field with an emphasis in paleontology OR adequate training and experience in paleontological field methods, and work under the direct supervision of a qualified paleontologist) of excavations deeper than five feet in depth within the Project area, and spot check monitoring of any excavation in valleys in the eastern portion of the Project area against the hills in several of the washes (all areas of the Oro*

Loma Formation as mapped on the USGS Geology Map (Dibble 2006)) shall be performed by a train paleontologist.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Cultural Resources

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to cultural resources, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to cultural resources from the proposed Project would not require the preparation of a subsequent EIR.

Geology and Soils

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:					
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	THSP SEIR page 4.7-12 & 4.7-14	No	No	No	No
ii. Strong seismic ground shaking?	THSP SEIR page 4.6-12 & 4.6-14	No	No	No	No
iii. Seismic-related ground failure, including liquefaction?	THSP SEIR page 4.6-12 & 4.6-14	No	No	No	No
iv. Landslides?	THSP SEIR page 4.6-12 & 4.6-14	No	No	No	No
b. Result in substantial soil erosion or the loss of topsoil?	THSP SEIR page 4.6-13 to 4.6-14	No	No	No	No
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?	THSP SEIR page 4.6-13 to 4.6-14	No	No	No	No
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	THSP SEIR page 4.6-13 & page 4.6-15	No	No	No	Yes THSP SEIR MM 4.6-4
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	n/a	No	No	No	No

Discussion

Relevant Changes to Project Related to Geology and Soils

The Project does not introduce any new types of construction or structural building requirements that would affect geology or soils.

Relevant Changes to Environmental Setting

There has been no development on the Project site, and geologic and soils conditions have not changed since certification of the THSP SEIR.

Comparative Impacts Discussion

The previously certified THSP SEIR determined that the THSP Area is not considered susceptible to the risk of loss, injury, or death due to fault rupture and the associated impacts. As discussed in the THSP SEIR, no known active faults cross the THSP Area and the THSP Area is not located within an Alquist-Priolo Earthquake Fault Zone. The nearest mapped active fault (Carnegie/Corral Hollow) is located approximately eight miles southwest of the THSP Area. The THSP SEIR identified that the impact of ground shaking to people or property caused by seismic activity on nearby faults would be increased as a result of site development. The THSP SEIR concluded that implementation of the requirements of the California Building Code (CBC) and the Tracy General Plan would ensure that impacts on humans associated with seismic hazards would be less than significant. See analysis in Section VI (c) below for discussion related to landslides.

Conversion of undeveloped land to urbanized development within the Project site would be the same as considered in the THSP. The proposed Project does not include improvements further than those previously analyzed in the THSP SEIR. Thus, the proposed Project would not result increase the development intensity or increase the number of persons within the Project site. Implementation of the requirements of the CBC and the General Plan would ensure Project would not expose persons or structures to seismic hazards and impacts associated with the proposed Project would be less than significant. As such, the impacts on humans associated with seismic hazards would not be any greater than previously analyzed in the THSP SEIR. The proposed Project would not result in a new specific impact or a substantial increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP As construction of the THSP occurs, ground surfaces exposed through the removal of vegetation could be susceptible to erosion from wind, water, and air quality. The use of Best Management Practices during construction as required by the Project Stormwater Pollution Prevention Plan would reduce impacts to a less than significant level.

The construction of new buildings and structures as part of the proposed Project would also create new impervious areas, such as walkways, driveways, parking lots, and rooftops. These impervious areas often result in increased stormwater runoff which can exacerbate soil erosion. However, the proposed Project would not increase developable acres compared to what was previously analyzed in the THSP SEIR. Further, the Project would not result in increased development intensity within the THSP Area. With

implementation of the Best Management Practices during construction as required by the Project Stormwater Pollution Prevention Plan, the proposed Project's impact on soil erosion would be less than significant, similar to those impacts previously analyzed in the THSP SEIR. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Similar to the THSP Area, the proposed Project would have the potential to be located on a geologic unit or soil that would become unstable and potentially result in on- or off-site impacts related to landslide, lateral spreading, subsidence, liquefaction and/or collapse due to steep slopes and proximity to a known earthquake fault. However, the proposed Project would be required to comply with Objective SA-1.1, Policy 1 of the City's General Plan, as required by the THSP SEIR. With implementation of this policy, impacts would be less than significant, similar to the previously certified THSP SEIR. This would not be a new specific impact or an increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

As discussed in the THSP SEIR, the THSP Area contains soils that are highly expansive and subject to significant volume changes due to moisture fluctuations. The THSP SEIR concluded that, with compliance with CBC requirements and implementation of THSP SEIR Mitigation Measure 4.6-4 and geotechnical recommendations, implementation of the THSP would have a less than significant impact related to expansive soils. As the land area covered by the proposed Project is within the same development footprint covered by the adopted THSP, the proposed Project would have the same potential to be located in highly expansive soils. With Implementation of THSP SEIR Mitigation Measure 4.6-4, the proposed Project's impact as a result of expansive soils would be less than significant.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.6-4

During excavation activities and prior to the placement of fill on the site, a certified geotechnical engineer shall be retained by the Project Applicant/future Project Applicants to evaluate subgrade soils for the extent of their expansive potential. For areas found to contain soft, potentially expansive clays, the soil shall be removed (i.e., over excavated) and/or stabilized prior to the placement and compaction of fill. Stabilization techniques include, but are not limited to, the placement of 18 inches of ½-inch to ¾-inch crushed rock over stabilization fabric (such as Mirafi 500X or equivalent), placement of larger, angular stabilization rock (1-inch to 3-inch, clean) and use of chemical treatments such as lime to reduce the soil's expansive potential. In addition, building construction alternatives, such as the use of alternative foundation types (i.e., post-tension, piles, etc.) versus end-bearing foundations, shall be considered and implemented where appropriate. Final techniques shall be (a) developed by a certified geotechnical engineer or engineering geologist and (b) reviewed and approved by the City prior to issuance of a grading permit.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Geology and Soils

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to geology and soil, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to geology and soils from the proposed Project would not require the preparation of a subsequent EIR.

Greenhouse Gas Emissions

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	THSP SEIR page 4.7-11 to 4.7-19 & page 4.7-23 to 4.7-24	No	No	No	Yes THSP SEIR MM 4.7-1
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	THSP SEIR page 4.7-19 to 4.7-22 & page 4.7-24	No	No	No	Yes THSP SEIR MM 4.7-1

Discussion

Relevant Changes to Project Related to Greenhouse Gas Emissions

The proposed Project is consistent with the type of uses, square footage, and roadway/access assumptions analyzed in the THSP SEIR.

Relevant Changes to Environmental Setting

Since the certification of the THSP SEIR, the California Air Resources Control Board (CARB) prepared a 2022 Scoping Plan Update which assesses progress toward the statutory 2030 target, while laying out a path to achieving carbon neutrality no later than 2045. The 2022 Scoping Plan Update focuses on outcomes needed to achieve carbon neutrality by assessing paths for clean technology, energy deployment, natural and working lands, and others, and is designed to meet the State's long-term climate objectives and support a range of economic, environmental, energy security, environmental justice, and public health priorities.

The plan addresses recent legislation and direction from Governor Newsom, extends and expands upon earlier scoping plans with a target of reducing anthropogenic emissions to 85 percent below 1990 levels by 2045. The plan also takes the unprecedented step of adding carbon neutrality as a science-based guide and touchstone for California's climate work. The plan outlines how carbon neutrality can be achieved by taking bold steps to reduce GHGs to meet the anthropogenic emissions target and by expanding actions to capture and store carbon through the state's natural and working lands and using a variety of mechanical approaches. The plan outlines the following

- Identifies a technologically feasible, cost-effective path to achieve carbon neutrality by 2045 and a reduction in anthropogenic emissions by 85 percent below 1990 levels.

- Focuses on strategies for reducing California's dependency on petroleum to provide consumers with clean energy options that address climate change, improve air quality, and support economic growth and clean sector jobs.
- Integrates equity and protecting California's most impacted communities as driving principles throughout the document.
- Incorporates the contribution of natural and working lands (NWL) to the state's GHG emissions, as well as their role in achieving carbon neutrality.
- Relies on the most up-to-date science, including the need to deploy all viable tools to address the existential threat that climate change presents, including carbon capture and sequestration, as well as direct air capture.
- Evaluates the substantial health and economic benefits of taking action.
- Identifies key implementation actions to ensure success.

The 2022 Scoping Plan establishes actions across a number of inventory sectors:

- GHG Emissions Reductions Relative to the SB 32 Target
  - 40% below 1990 levels by 2030
- Smart Growth / Vehicle Miles Traveled (VMT)
  - VMT per capita reduced 25% below 2019 levels by 2030, and 30% below 2019 levels by 2045
- Light-duty Vehicle (LDV) Zero Emission Vehicles (ZEVs)
  - 100% of LDV sales are ZEV by 2035
- Truck ZEVs
  - 100% of medium-duty (MDV)/HDV sales are ZEV by 2040
- Aviation
  - 20% of aviation fuel demand is met by electricity (batteries) or hydrogen (fuel cells) in 2045
  - Sustainable aviation fuel meets most or the rest of the aviation fuel demand that has not already transitioned to hydrogen or batteries.
- Ocean-going Vessels (OGV)
  - 2020 OGV At-Berth regulation fully implemented, with most OGVs utilizing shore power by 2027.
  - 25% of OGVs utilize hydrogen fuel cell electric technology by 2045.
- Port Operations
  - 100% of cargo handling equipment is zero-emission by 2037.
  - 100% of drayage trucks are zero emission by 2035.
- Freight and Passenger Rail
  - 100% of passenger and other locomotive sales are ZEV by 2030.
  - 100% of line haul locomotive sales are ZEV by 2035.
  - Line haul and passenger rail rely primarily on hydrogen fuel cell technology, and others primarily utilize electricity.
- Oil and Gas Extraction
  - Reduce oil and gas extraction operations in line with petroleum demand by 2045.
- Petroleum Refining
  - CCS on majority of operations by 2030, beginning in 2028
  - Production reduced in line with petroleum demand.
- Electricity Generation
  - Sector GHG target of 38 million metric tons of carbon dioxide equivalent (MMTCO2e) in 2030 and 30 MMTCO2e in 2035.

- Retail sales load coverage
  - 20 gigawatts (GW) of offshore wind by 2045
  - Meet increased demand for electrification without new fossil gas-fired resources.
- New Residential and Commercial Buildings
  - All electric appliances beginning 2026 (residential) and 2029 (commercial), contributing to 6 million heat pumps installed statewide by 2030.
- Existing Residential Buildings
  - 80% of appliance sales are electric by 2030 and 100% of appliance sales are electric by 2035.
  - Appliances are replaced at end of life such that by 2030 there are 3 million all-electric and electric-ready homes—and by 2035, 7 million homes—as well as contributing to 6 million heat pumps installed statewide by 2030.
- Existing Commercial Buildings
  - 80% of appliance sales are electric by 2030, and 100% of appliance sales are electric by 2045.
  - Appliances are replaced at end of life, contributing to 6 million heat pumps installed statewide by 2030.
- Food Products
  - 7.5% of energy demand electrified directly and/or indirectly by 2030; 75% by 2045.
- Construction Equipment
  - 25% of energy demand electrified by 2030 and 75% electrified by 2045.
- Chemicals and Allied Products; Pulp and Paper
  - Electrify 0% of boilers by 2030 and 100% of boilers by 2045.
  - Hydrogen for 25% of process heat by 2035 and 100% by 2045
  - Electrify 100% of other energy demand by 2045.
- Stone, Clay, Glass, and Cement
  - CCS on 40% of operations by 2035 and on all facilities by 2045.
  - Process emissions reduced through alternative materials and CCS.
- Other Industrial Manufacturing
  - 0% energy demand electrified by 2030 and 50% by 2045.
- Combined Heat and Power
  - Facilities retire by 2040.
- Agriculture Energy Use
  - 25% energy demand electrified by 2030 and 75% by 2045.
- Low Carbon Fuels for Transportation
  - Biomass supply is used to produce conventional and advanced biofuels, as well as hydrogen.
- Low Carbon Fuels for Buildings and Industry
  - In 2030s biomethane blended in pipeline.
  - Renewable hydrogen blended in fossil gas pipeline at 7% energy (~20% by volume), ramping up between 2030 and 2040.
  - In 2030s, dedicated hydrogen pipelines constructed to serve certain industrial clusters.
- Non-combustion Methane Emissions
  - Increase landfill and dairy digester methane capture. Some alternative manure management deployed for smaller dairies.
  - Moderate adoption of enteric strategies by 2030.
  - Divert 75% of organic waste from landfills by 2025.
  - Oil and gas fugitive methane emissions reduced 50% by 2030 and further reductions as infrastructure components retire in line with reduced fossil gas demand.

- High GWP Potential Emissions
  - Low GWP refrigerants introduced as building electrification increases, mitigating HFC emissions.

Comparative Impacts Discussion

The proposed Project would not change the amount of development, compared to what was previously analyzed in the THSP SEIR. The THSP SEIR found that GHG emissions generated by the THSP (both construction and operational-related) would exceed the applicable threshold set forth in SJVAPCD's guidance because the THSP's GHG emissions cannot feasibly be reduced to a less-than-significant level despite the incorporation of numerous sustainability measures. As such, despite the implementation of THSP SEIR Mitigation Measure 4.7-1, the impact would be the same as identified in the THSP SEIR, which is significant and unavoidable. This finding is supported by the THSP SEIR because the proposed Project is consistent with the overall land use density and intensity allowed by the THSP. Thus, the proposed Project would not result in a new specific impact or an increase in the severity of an impact that was identified in the THSP SEIR and would therefore be consistent with the effects of implementation of the THSP.

According to the THSP SEIR, full buildout of the Project would potentially conflict with or otherwise interfere with achievement of CARB's Scoping Plan, the City's Sustainability Action Plan, the California Attorney General's Office, or the California Air Pollution Control Officer's Association (CAPCOA) applicable measures. However, THSP SEIR Mitigation Measure 4.7-1 would lessen the impact to less than significant. This is consistent with the impact conclusions of the THSP SEIR.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.7-1

The Project shall include, but not be limited to, the following list of design features. These features shall be incorporated into the design of the Project to ensure consistency with adopted statewide plans and programs to the extent feasible. Project applicants shall demonstrate the incorporation of design features of the Project prior to the issuance of building or occupancy permits, as noted below.

Transportation

- *Provide pedestrian connections to the off-site circulation network (building permit triggers).*
- *For commercial uses, implement a trip reduction program, for which all employees shall be eligible to participate (occupancy permit).*
- *Provide a ride sharing program, for which all employees shall be eligible to participate (occupancy permit).*
- *Provide amenities for non-motorized transportation (i.e., secure bicycle storage, changing rooms, and showers) (building permit).*

- *Provide transit shelters for all transit stops within the Project (building permit triggers and coordination with TRACER.).*
- *Include traffic calming measures at Project intersections and on roadways where feasible (tentative map).*
- *Employers shall provide parking cash-out programs for employees (100 percent of employees eligible).*

Energy Efficiency

- *Design buildings to be energy efficient and meet or exceed Title 24 requirements (per Measure E-1 of the City's Sustainability Action Plan (building permit).*
- *Install "cool" roofs and cool pavements, and strategically placed trees as applicable.*
- *Install high efficiency lighting, and energy efficient heating and cooling systems (building permit).*
- *Install high energy efficient appliances (clothes washers, dishwashers, fan, and refrigerators) (occupancy permit).*
- *Install programmable thermostats (building permit).*
- *Design buildings to reduce energy use through solar orientation and take advantage of landscaping and sun screens (building permit).*
- *Reduce unnecessary outdoor lighting (building permit).*

Water Conservation and Efficiency

- *Install water-efficient irrigation systems (building permit).*
- *Landscaping shall consist of drought tolerant native species with water-efficient characteristics (building permit).*
- *Comply with Municipal Code Section 21.20.050, Efficient Landscape Standards (building permit).*
- *Install water-efficient fixtures (e.g., faucets, toilets, showers) (building permit).*
- *Install infrastructure for recycled water per the City's Infrastructure Master Plan.*

Solid Waste

- *Reuse and recycle construction and demolition waste (including, but not limited to, soil, vegetation, concrete, lumber, metal, and cardboard) (building permit).*
- *Provide interior and exterior storage areas for recyclables and adequate recycling containers located in public areas (occupancy permit).*

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Greenhouse Gas Emissions

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to greenhouse gas emissions, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to greenhouse gas emissions from the proposed Project would not require the preparation of a subsequent EIR.

Hazards and Hazardous Materials

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	THSP SEIR page 4.8-43 to 4.8-52 & page 4.8-54	No	No	No	Yes THSP SEIR MM 4.8-1
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	THSP SEIR page 4.8-43 to 4.8-52 & page 4.8-54 to 4.8-57	No	No	No	Yes THSP SEIR MM 4.8-2 & MM 4.8-4
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	THSP SEIR page 4.8-45 & page 4.8-55 & page 4.8-57	No	No	No	Yes THSP SEIR MM 4.8-3 & MM 4.8-5
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?	THSP SEIR page 4.8-52	No	No	No	
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	THSP SEIR page 4.8-52 & Page 4.8-57	No	No	No	Yes THSP SEIR MM 4.8-6

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
f. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	THSP SEIR page 4.8-53	No	No	No	No
g. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	THSP SEIR page 4.8-53	No	No	No	Yes THSP SEIR MM 4.12-1, MM 4.12-2 & MM 4.12-3
h. Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	THSP SEIR page 4.8-53	No	No	No	Yes THSP SEIR MM 4.8-8a, MM 4.8-8b & MM 4.8-8c

Discussion

Relevant Changes to Project Related to Hazards and Hazardous Materials

The proposed Project is consistent with the assumptions analyzed in the THSP SEIR regarding the type of uses, operations, and hazardous materials present onsite or that could be used during project operations.

Relevant Changes to Environmental Setting

A Phase I Environmental Site Assessment (ESA) was prepared by Wallace Kuhl and Associates in February 2021 for the proposed Project to summarize the findings of the site reconnaissance. The Phase I Environmental Site Assessment provides historic and current data that evaluates the site for evidence of potential Recognized Environmental Conditions (RECs) resulting from current and/or former site activities. The Phase I results are provided in Attachment B. No development has occurred on the project site since preparation of the THSP SEIR.

As identified in the THSP SEIR, the THSP Area is not included on a hazardous sites list compiled pursuant to California Government Code Section 65962.5. The proposed Project does not include improvements outside the area previously analyzed in the THSP SEIR. Therefore, the proposed Project would not be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and there would be no impact and no further analysis is required.

The proposed Project area is not located within 2 miles of a private airstrip. Based on the nature of the proposed Project, and given that the THSP site is not located within two miles of a private airstrip, no impact would occur.

Comparative Impacts Discussion

The Project would include the same light industrial uses currently allowed by the THSP. The types of uses and facilities allowed in the THSP Area may generate, store, use, distribute or dispose of hazardous materials such as industrial waste, oils, solvents, paints, diesel fuel, hydraulic fluid and corrosives. Upon development of the proposed Project, hazardous materials would be limited to those associated with property maintenance and office and warehouse operations that typically include aerosols, paints, solvents, and fertilizers and pesticides for site landscaping. Operation of the Project would include the use and storage of cleaning supplies and maintenance chemicals in small quantities. Because these materials would be used in very limited quantities, they are not considered a significant hazard to the public. Compliance with THSP SEIR Mitigation Measure 4.8-1 would ensure that hazardous materials would not create a significant hazard to the public.

According to the Phase I ESA, the site has been planted with an orchard from at least 1963 to 1993 and fallow land from at least 2006 to 2012. Currently, the Project site is planted with an existing almond orchard since at least 2016. Based on the historical operations of the orchard between 1963 to present day, the application of pesticides, such as organochlorine pesticides and arsenical pesticides may have been used. The Phase I ESA revealed no RECs in connection with the site except for concerns from stained soils beneath a semi-truck attached to the irrigation well within the fenced area located on the northwestern portion of the site. Presumably, the truck was used in lieu of land power to run the well. Additionally, a 10,000-gallon diesel aboveground storage tank adjacent to the well and many one and two-gallon containers within the fenced area were observed. However, it was determined that the irrigation well, semi-truck, and area of stained soil are located off the Project site. The Phase I ESA recommends soil sampling of the orchard to evaluate the presence of historically applied pesticides. Additionally, the Phase I ESA recommends the removal of the stained soils beneath the semi-truck attached to the irrigation well be excavated and sampled to ensure all impacted soils are removed prior to property transaction. Implementation of THSP SEIR Mitigation Measure 4.8-2a would be applicable to the project and require soil sampling to occur prior to the issuance of grading permits. No evidence of RECs was found associated with the Project site.

As identified in Figure 4.8-4 on the THSP SEIR, several pipelines bisect the THSP development area. The two PG&E natural gas pipelines and the Chevron KML pipeline bisects the northeast corner of the Project site. Because the land area covered by the proposed Project is within the same development footprint covered by the adopted THSP, the proposed Project would have the potential to 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. However, these pipelines are inspected and maintained in accordance with Federal regulations (49 CFR 192) and the California Public Utilities Commission's (CPCU's) General Order 112-E regulations. Regular patrols are performed along the pipelines to monitor conditions and control encroachment. Additionally, the Chevron KML pipeline is

monitored 24/7 by a supervisory control and data acquisition (SCADA) system. A review of the Regional Water Quality Control Board's Geotracker database and Department of Toxic Substances Control's Envirostor database found no records pertaining to open cases of a leaking underground storage tanks (LUSTs), toxic releases, or site cleanup requirements within the proposed Project area.[3,4] With implementation of the above mitigation measures, the proposed Project's impact on release of hazardous materials into the environment would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

As identified in the THSP SEIR, three active crude oil pipelines (Chevron 18-inch pipeline, PPL 16-inch pipeline, Shell 20-inch pipeline) and two natural gas pipelines (26-inch natural gas pipeline and 36-inch natural gas pipeline) traverse the THSP Area. The two PG&E natural gas pipelines and the Chevron KML pipeline bisects the northeast corner of the Project site. In the event a full pipeline rupture from the pipeline were to occur, the THSP SEIR considered hypothetical flow paths that could result in "pools" of crude oil. If a full pipeline rupture were to occur, there is the potential for crude oil to flow in a down gradient towards the Project site. As illustrated in Figure 4.8-3 of the THSP SEIR, no crude oil pools would be located within the Project site. With implementation of THSP SEIR Mitigation Measures 4.8-3 and 4.3-4, the proposed Project's impact in regard to emitting hazardous substances or handling hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of a proposed school would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

The proposed Project includes a new Vesting Tentative Subdivision Map and Development Review Permit application that would be subject to review for compatibility with the 2009 San Joaquin ALUCP (amended January 2018). As identified in Figure 4.10-2 of the THSP SEIR, the proposed Project would be within the Airport Influence Area Zone 2, 3, 4, and 7. Specifically, the proposed Buildings 5, 6, and 7 would be within Zones 2 and 3, which has a preliminary height limit of 35 feet for structures. Proposed Buildings 1, 2, 3, and 4 would be within Zone 4, which has a preliminary height limit of 70 feet for structures. Objects or structures greater than these allowed heights are subject to the Federal Aviation Administration (FAA) Airspace Review. Additionally, the proposed SPA would modify the current THSP Development standards for M1-TH zone to allow a maximum building height of 47 feet tall.

The San Joaquin ALUCP has restrictions on certain land uses within Zones 2, 3, and 4, such as waterways (e.g., retention basins, artificial lakes, ponds, etc.) which would create a hazard to birds and aircrafts. As proposed, the proposed Project would construct two detention basins to serve the buildings and New Public Street.

[3] State of California, Department of Toxic Substances Control. EnviroStor. Available at: https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=Tracy%2C+CA. Accessed June 9, 2021.
[4] State of California, Water Resources Control Board. GeoTracker. Available at: https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=Tracy%2C+CA. Accessed June 9, 2021.

On January 10, 2022, the Project applicant received approval from the San Joaquin Airport Council of Governments Land Use Commission (SJCOG ALUC) to address these points. Per SJCOG ALUC's approval, the FAA has issued final Determination of No Hazard to Air Navigation letters (Determination Letters) for all seven (7) proposed buildings within the Project. Further, the SJCOG ALUC's approval determined that the proposed drainage basins would meet applicable storm water standards and would drain within 14 hours or less in conformance with the ALUC Plan.

For these reasons, with implementation of THSP SEIR Mitigation Measures 4.8-6 and 4.10-1, the proposed Project's impact on the San Joaquin ALUCP would be less-than-significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

As discussed in the THSP SEIR, the Project applicant would be required to pay applicable impact fees to ensure payment of a proportionate share toward the planned facilities. THSP SEIR Mitigation Measures 4.12-1, 4.12-2, and 4.12-3 in the Public Services Section of the THSP SEIR require future Project applicants within the THSP to pay the applicable impact fees, which ensure payment of a proportionate share toward the planned facilities. With the Project's compliance with the General Plan and provision of adequate emergency planned facilities within and near the THSP Area, implementation of the THSP would result in a less than significant impact with respect to interference with an adopted emergency response plan or emergency evacuation plan. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

Similar to the THSP Area analyzed in the THSP SEIR, the proposed Project is zoned "Moderate" in the Local Responsibility Area and "Un-zoned" in the State Responsibility Area. As identified in the previously certified THSP SEIR, there is only a limited fire threat to the THSP Area. In addition, the Project site would not expand beyond the boundaries of the development considered in the THSP. With implementation of THSP SEIR Mitigation Measures 4.8-8a, 4.8-8b, and 4.8-8c, the proposed Project's impact in regards to exposing people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would it be a substantial increase in the severity of the impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.8-1

Facilities that store, handle or use regulated substances as defined in the California Health and Safety Code 25532 (g) in excess of threshold quantities shall prepare and implement, as necessary, risk

management plans (RMP) for determination of risks to the community. The RMP will be reviewed and approved by the San Joaquin County Environmental Health Department (EHD) through the Certified Unified Program Agencies (CUPA) process.

Mitigation Measure 4.8-2a

Prior to issuance of grading permits, a Phase II ESA focused on soil sampling shall be conducted near the location of the underground crude oil pipelines, as determined by a qualified Phase II/Site Characterization specialist. The sampling shall be conducted in consultation with Conoco Phillips, Shell and the San Joaquin (EHD), with regard to potential contaminated soils from pipeline leaks. Upon completion of site characterization activities, the Site Characterization specialist shall recommend remedial activities, if necessary, in consultation with EHD. This recommendation from the Phase II ESA shall be implemented to the satisfaction of EHD.

Mitigation Measure 4.8-2b

Prior to issuance of grading permits, the Project Applicant shall work with Conoco Phillips and Shell to implement and observe a site damage-prevention plan to the satisfaction of the City of Tracy Engineering Division. This may potentially include the following:

- *Designing a site development plan incorporating permanent land use over the pipeline right-of-way that minimizes the potential for damage to the lines (as discussed above, this is already an integrated plan design feature, but is listed here because it is an important component of a damage prevention plan);*
- *Prominently marking the line locations prior to site development, maintaining markings throughout the development process, and final marking after work is complete;*
- *Communicate plans for significant excavation or land contouring work;*
- *Identify changes in land contour that could significantly reduce the soil cover over the pipelines;*
- *Evaluate the effects of heavy construction vehicles crossing the lines, designate areas for heavy construction vehicles to cross the lines, and provide temporary fill or other temporary protection over the lines where necessary;*
- *Minimize installations of new buried utilities and services across the existing pipelines;*
- *Evaluate whether the existing lines should be lowered to increase vertical separation between the pipelines and new surface features; and*
- *Develop other damage-prevention measures as may be necessary.*

In addition to the damage prevention measures listed above, the Project Applicant and the pipeline operators should consider other measures for reducing risk suggested in the Pipelines and Informed Planning Alliance (PIPA) recommended practices on informed land use. PIPA recommended practices

are not "mandated", but they are best management practices intended to reduce risk and enhance pipeline safety.

Mitigation Measure 4.8-3

The proposed underground storm drain system, roadways, graded slopes, and final surface topography shall be designed and constructed in accordance with the recommendations outlined in the Liquid Petroleum Pipeline Risk and California Aqueduct Flood Risk for the Proposed Tracy Hills School Site, Jefferson School District, City of Tracy, San Joaquin County, California prepared by Wilson Geosciences, Inc. dated May 2013 and to the satisfaction of the City of Tracy Engineering Division.

Mitigation Measure 4.8-4

In accordance with the Pipeline Safety Hazard Assessment, Tracy Hills Specific Plan prepared by PlaceWorks dated September 2014, proposed development adjacent to the natural gas and/or crude oil pipelines shall implement the following measures:

1. *Incorporate a minimum 13-foot setback distance from the centerline of the Phillips 66 pipeline to the nearest buildings/structures in the proposed development.*

2. *Incorporate a minimum setback distance of 25 feet from the centerline of any pipeline within the two natural gas pipelines and the Chevron crude oil pipeline. This would result in an additional 15 feet on the northeast side of the PG&E easement and an additional 20 feet on the southwest side of the easement to be dedicated as open space or public space or used for landscaping.*

3. *Incorporate designated land uses over the pipeline easements, such as public space, open space, or green space, to minimize the potential for third party damage.*

4. *Mark the pipeline locations prior to THSP development, maintaining the markings throughout the development process, and installing final markings after the work is complete.*

5. *Coordinate with the pipeline operators when development calls for excavation or utility trenching near the pipelines.*

6. *All contractors must initially pothole or hand dig to the proposed depth of the utility trench or excavation if working within 25 feet of the pipeline easements.*

7. *Consult with the pipeline operators on whether heavy construction vehicles with axle loads greater than 15,000 pounds would create stress on the pipelines at their current burial depths when crossing the lines and/or easements. Establish temporary fill or other protective measures as needed and establish permanent crossing areas for vehicles in excess of 15,000 pounds.*

8. *Avoid placing new utilities and services within the pipeline easements and minimize utility crossings over the pipeline easements to the extent feasible.*

9. *Select landscaping vegetation with shallow root structures within the setback zone to avoid root structures that damage pipeline coatings.*
10. *Avoid planting trees that prevent direct observation of the pipelines by aerial patrol.*
11. *Use non-flammable fencing along the pipeline easement.*
12. *Manage storm water runoff to prevent erosion of the pipeline bedding.*
13. *Maintain access to the pipelines by pipeline personnel and first responders in the event of an emergency.*
14. *Project Applicants or sales representatives shall disclose to potential occupants regarding the proximity of the natural gas and crude oil pipelines, as required in accordance with Assembly Bill 1511 – Real Property: Disclosures: Transmission Pipeline.*
15. *Home Owners Associations (HOA) shall maintain an emergency contact list with phone numbers of the local police, fire department, and pipeline operators (PG&E, Chevron, Phillips 66, and Shell).*
16. *Coordinate with the pipeline companies so that the property occupants are notified if excavation or maintenance activities for the pipelines are planned along the pipeline easements.*
17. *Report any roadwork or underground utility work that involves digging in or near the pipelines to the pipeline companies.*
18. *Report immediately any odors or leakage from the pipelines to the pipeline operator and local emergency response personnel (i.e., the Tracy Fire Department).*
19. *HOAs shall maintain at an appropriate on-site location an emergency response plan that outlines emergency procedures to be followed in the event of a pipeline release.*

For additional detail refer to the September 2014 Pipeline Safety Hazard Assessment, Tracy Hills Specific Plan.

Mitigation Measure 4.8-5

The Project Applicant shall secure all necessary approvals through the California Department of Education and Department of Toxic Substances Control for the proposed school site in THSP Phase 1.

Mitigation Measure 4.8-6

The proposed retention basins have been designed and constructed in accordance with the recommendations outlined in the Federal Aviation Administration Advisory Circular No. 150/5200-33B to control hazardous wildlife. In the event that the basins do not have a drawdown time of 48 hours following a storm event, the Project Applicant shall fund and the City shall use physical barriers, such as bird balls, wires, grids, pillows or netting, to prevent access of hazardous wildlife to open water and minimize aircraft-wildlife interactions which shall be approved and inspected by the City. In addition,

all vegetation in or around the basins that provide food or cover for hazardous wildlife should be eliminated.

Mitigation Measure 4.8-8a

Provide a 100-foot firebreak between developed areas and any land that is covered with flammable material such as grass, brush, or forest covered land, including conservation easements (including but not limited to CE 1, CE 2, and CE 3), but excluding conservation corridors. Grasses or weeds including the conservation corridor, that can be expected to burn shall be cattle grazed, disked or mowed to a height of no more than 4 inches pursuant to the terms of the adopted Preserve Management Plan (dated October 2011), and in accordance with City of Tracy Municipal Code in order to minimize the amount of fuel to sustain or allow the spread of fire.

Mitigation Measure 4.8-8b

Provide fire department access to all easement corridors and conservation easements (including but not limited to CE 1, CE 2, and CE 3) for the purpose of suppressing wildland fires outside of firebreaks.

Mitigation Measure 4.8-8c

All new buildings that are located on the south side of I-580 and immediately adjacent to conservation easements (including but not limited to portions of CE 1, CE 2, and CE 3) shall include measures that increase the likelihood that a structure would withstand intrusion by fire. This shall be accomplished by constructing those buildings on the edge of development to the standards of the California Building Code, Chapter 7A, Building and Construction Methods for Exterior Wildfire Exposure.

Mitigation Measure 4.10-1

All tentative and final maps within the THSP shall conform to the provisions of the 2009 ALUCP (or the ALUCP in effect at the time of Project Applicant submissions), including but not limited to:

- *Land use restrictions of the ALUCP;*
- *All proposed school sites within a 2 mile radius of the airport runway must obtain approval by the State Department of Transportation Division of Aeronautics.*

Mitigation Measure 4.12-1

As part of the application process for each individual development under the Specific Plan, the Project applicant shall be required to pay the applicable development impact fees.

Mitigation Measure 4.12-2

Prior to issuance of the first building permit, the developer shall construct an all-whether, emergency vehicle access to all points of the Project site from Lammers Road (including crossings of the Delta Mendota Canal, Union Pacific Railroad, and California Aqueduct). The emergency vehicle access shall

be available to police, fire, and all other necessary and relevant emergency responders. The design, location, and maintenance of the access shall meet City standards to the satisfaction of the Fire Chief. The access shall be continuously maintained by the developer until permanent access is developed and accepted for maintenance by the City.

Mitigation Measure 4.12-3

Prior to final inspection or certificate of occupancy for the 289th house within Tracy Hills, a fire station and all related equipment shall be constructed and operational to serve Tracy Hills in accordance with the Citywide Public Safety Master Plan. Additional station(s) shall subsequently be constructed and operational, the design of which shall be in accordance with the Citywide Public Safety Master Plan, and adopted standards of coverage, to the satisfaction of the Fire Chief.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Hazards and Hazardous Materials

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to hazards and hazardous materials, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to hazards and hazardous materials from the proposed Project would not require the preparation of a subsequent EIR.

Hydrology and Water Quality

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Violate any water quality standards or waste discharge requirements?	THSP SEIR page 4.9-25 & page 4.9-30 to 4.9-31	No	No	No	Yes THSP SEIR MM 4.9-1a & MM 4.9-1b
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	THSP SEIR page 4.9-25 to 4.9-26	No	No	No	No
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	THSP SEIR page 4.9-26 to 4.9-27 & page 4.9-31	No	No	No	Yes THSP SEIR MM 4.9-2
d. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	THSP SEIR page 4.9-27 to 4.9-28	No	No	No	No

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
e. 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?	THSP SEIR page 4.9-28 to 4.9-29	No	No	No	No
f. Otherwise substantially degrade water quality?	THSP SEIR page 4.9-29 & page 4.9-31 to 4.9-32	No	No	No	Yes THSP SEIR MM 4.9-3
g. Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	THSP SEIR page 4.9-29 & page 4.9-32	No	No	No	Yes THSP SEIR MM 4.9-4
h. Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	THSP SEIR page 4.9-29	No	No	No	No
i. Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	THSP SEIR page 4.9-29	No	No	No	No
j. Inundation by seiche, tsunami, or mudflow?	THSP SEIR page 4.9-29 to 4.9-30	No	No	No	No

Discussion

Relevant Changes to Project Related to Hydrology and Water Quality

The proposed Project would still be required to incorporate low impact development (LID) features, including directing drainage from impervious surfaces to retention basins for infiltration as part of BMPs per the City's Manual of Stormwater Quality Control Standards. The Project is proposing two retention basins that would serve the buildings and New Public Street. In addition, as required in the THSP, development projects greater than 100,000 square feet are required to implement specific controls, as identified in the City's SWQC Manual, and to submit a Storm Water Quality Control Plan (SWQCP) that

demonstrates that the proposed Project would conform to all requirements of the City standards. Compliance with NPDES permit requirements and implementation of BMPs during construction would ensure the proposed Project's impact on water quality standards or waste discharge requirements

Relevant Changes to Environmental Setting

The project site has remained vacant since certification of the THSP SEIR. Ground conditions have not materially changed. While Figure 4.9-3A and Figure 4.9-3B of the THSP SEIR mapped a small portion of the THSP as being within the 100-year and 500-year floodplain areas, the proposed Project site is not within any floodplain areas. Thus, there would be no impact associated with placing housing within a 100-year flood hazard area or redirecting flood waters.

As identified in the THSP SEIR, the THSP, and therefore the proposed Project, is not located within the dam inundation risk areas. As a result, no impacts would occur as a result of the failure of a levee or dam.

As identified in the THSP SEIR, the THSP, and therefore the proposed Project, is located inland across several mountain ranges from the Pacific Ocean and is not downstream of any significant body of water. Therefore, there is no risk of exposure to inundation by seiche or tsunami and no impact would occur.

Comparative Impacts Discussion

As determined in the THSP SEIR, the buildout of the THSP would have a less than significant impact in respect to violation of water quality with the implementation of the terminal retention/percolation basins or other facilities. Construction activities for buildout of the THSP Area, which would include site development, infrastructure, and the storm drain system, would require a National Pollutant Discharge Elimination System (NPDES) permit. As determined in the THSP SEIR, future development of the THSP Area would be responsible for obtaining and complying with NPDES permit requirements. Implementation of BMPs during construction, would minimize water quality impacts to a less-than-significant level.

After construction, stormwater from buildout of the THSP Area could have the potential to degrade the quality of water that would drain to open space areas along the I-580, California Aqueduct and/or Delta Mendota Canal. Retention basins would provide attenuation storage and opportunities for pollutants to settle and be retained within the basin and provide opportunities for recharge. As determined in the THSP SEIR, retention basins would be utilized to satisfy the requirements set forth in the City's Storm Water Quality Control Manual (SWQC) and NPDES for new development areas. In addition, proposed open channels and existing drainage swales would be used for storm runoff from some of the upslope offsite sub-basins to downstream terminal retention/percolation basins or other facilities. Thus, impacts to water quality would be less-than-significant with the implementation of the terminal retention/percolation basins, open channels and drainage swales as determined in the THSP SEIR.

Potential water quality impacts associated with the proposed Project would include short-term construction-related erosion/sedimentation and long-term operational stormwater discharge. If not managed properly, grading and construction activities could cause soils and other pollutants to enter the storm drain system. During heavy rains, this may degrade stormwater quality at downstream locations.

To minimize water quality impacts associated with the proposed Project, construction activities would be required to comply with a SWPPP, consistent with the NPDES. Additionally, the proposed Project would also implement stormwater control measures such as Low Impact Development (LID) and Best Management Practices (BMP's) per the City's Manual of Stormwater Quality Control Standards for New Development and Redevelopment, as analyzed in the THSP SEIR.

Project implementation would increase impervious surfaces through construction of buildings, parking areas, roadways, and other improvements, as compared to existing conditions. However, the proposed Project would still be required to incorporate low impact development (LID) features, including directing drainage from impervious surfaces to retention basins for infiltration as part of BMPs per the City's Manual of Stormwater Quality Control Standards. The Project is proposing two retention basins that would serve the buildings and New Public Street. In addition, as required in the THSP, development projects greater than 100,000 square feet are required to implement specific controls, as identified in the City's SWQC Manual, and to submit a Storm Water Quality Control Plan (SWQCP) that demonstrates that the proposed Project would conform to all requirements of the City standards. Compliance with NPDES permit requirements and implementation of BMPs during construction would ensure the proposed Project's impact on water quality standards or waste discharge requirements would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would it be a substantial increase in the severity of the impact that was identified in the certified EIR and would therefore be consistent with the effects of implementation of the THSP.

The Project would increase impervious surfaces through the construction of new industrial buildings, parking areas, roadways and other improvements, as compared to existing use. However, the Project would not change the amount of development allowed, and would therefore not change the demand on water supplies or interfere with groundwater recharge. As identified in the THSP SEIR, on-site stormwater features, such as retention basins would still be included to facilitate groundwater recharge as part of buildout of the THSP Area in accordance with BMPs set forth in the City's Manual of Stormwater Quality Control Standards. Therefore, similar to the approved THSP, implementation of the proposed Project would not deplete groundwater supplies or interfere with groundwater recharge, any greater than already analyzed in the THSP SEIR and this impact would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

Development of the proposed Project would have the potential to alter drainage patterns, as compared to existing conditions, from increased erosion and sedimentation through the removal of vegetation during construction activities. Development of the proposed Project would result in an increase of impervious surfaces through construction of industrial buildings, parking areas, roadways, and other improvements. Although, the Project would increase in impervious surfaces from existing conditions, the proposed development was previously anticipated for in the THSP SEIR. Individual development projects within the THSP are required to provide site-specific or project-specific storm drainage solutions that would be consistent with the overall infrastructure approach within the Tracy SDMP. Implementation of the THSP would result in an increase in flow rates and volumes of runoff with an increase in the amount

of impervious surface such as buildings, streets and parking areas. However, with implementation of THSP SEIR Mitigation Measures 4.9-1a and 4.9-2, potential impacts on erosion and sedimentation would be less than significant.

Onsite flows and flows from the off-site, upstream drainages tributary to the THSP would be intercepted and conveyed through a combination of open channels and underground storm drain system and discharge to the proposed retention basins. The retention basins would capture increases in peak flow as result of development and would substantially reduce or eliminate downstream flow. With implementation of the drainage improvements described in the SDMP, it is unlikely that the THSP Area would result in or be affected by flooding.

The THSP SEIR determined that buildout of the THSP would increase erosion and sedimentation through the removal of vegetation during construction of THSP infrastructure. The proposed Project would have the potential to contribute runoff water, which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff. Implementation of THSP SEIR Mitigation Measures 4.9-1b and 4.9-3 would ensure that appropriate infrastructure and water quality features are in place. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.9-1a

Prior to issuance of a grading or building permit, whichever occurs first, all Project Applicants shall demonstrate to the City of Tracy compliance with NPDES General Construction Activities Storm Water Permit Requirements established by the Clean Water Act (CWA), including the preparation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP shall identify specific types and sources of stormwater pollutants, determine the location and nature of potential impacts, and specify appropriate control measures to eliminate any potentially significant impacts on receiving water quality from stormwater runoff. The SWPPP shall comply with the most current standards established by the Central Valley RWQCB. Best Management Practices shall be selected from a menu according to site requirements and shall be subject to approval by the City Engineer and Central Valley RWQCB.

Mitigation Measure 4.9-1b

Prior to issuance of a grading or building permit, whichever occurs first, all Project Applicants shall submit to the City Engineer for review a draft copy of the Notice of Intent (NOI) and SWPPP. After approval by the City, the NOI and SWPPP shall be sent to the State Water Resources Control Board for approval.

Mitigation Measure 4.9-2

All Project Applicants shall submit and obtain City approval of a drainage plan to the City of Tracy for on-site post-construction BMP drainage improvements consistent with the Tracy Hills Storm Drain Master Plan. Once City approval is received, all Project Applicants shall construct the drainage improvements as necessary and in accordance with the timing described in the Tracy Hills Storm Drain Master Plan.

Mitigation Measure 4.9-3

All Project Applicants shall implement the following measures:

1. *Shall implement sound Integrated Pest Management (IPM) principles and practices in an effort to minimize the use of pesticides in common landscaped areas, open space areas, or park areas. These programs shall include setting acceptable thresholds of infestations and a process for determining the best prevention or treatment method for a given pest. Pest problems in common landscaped areas, open space areas, or park maintenance shall be managed through prevention and treatment using physical, mechanical and biological controls. The use of toxic pesticides will be implemented only after other non-toxic approaches or products have been determined infeasible. Fertilizers shall be applied sparingly, and shall be derived from natural sources, such as fish emulsion or manure.*
2. *Shall cooperate with the City to create a public education program for future business owners to increase their understanding of water quality protection, which should include but not be limited to:*
    - *Hazardous material use controls;*
    - *Hazardous materials exposure controls;*
    - *Hazardous material disposal and recycling.*
3. *Encourage the use of alternative methods to avoid hazardous materials to the extent feasible, and prohibit the dumping of hazardous materials in open space areas or the storm drain system.*

Mitigation Measure 4.9-4

All Project Applicants within the 100-year floodplain shall submit and obtain approval of grading and building plans that demonstrate that the building's finished floor elevations are a minimum of 1 foot above the 100-year flood elevation for Corral Hollow Creek, and meet the requirements to withstand a 200-year flood per the ULOP Criteria.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Hydrology and Water Quality

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to hydrology and water quality, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to hydrology and water quality from the proposed Project would not require the preparation of a subsequent EIR.

Land Use and Planning

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Physically divide an established community?	THSP SEIR page 4.10-13 to 4.10-14	No	No	No	No
b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	THSP SEIR page 4.10-14 to 4.10-20 & page 4.10-22	No	No	No	Yes THSP SEIR MM 4.10-1
c. Conflict with any applicable habitat conservation plan or natural community conservation plan?	THSP SEIR page 4.10-21	No	No	No	No

Discussion

Relevant Changes to Project Related to Land Use and Planning

The project is consistent with the uses proposed in the THSP.

Relevant Changes to Environmental Setting

The project site remains vacant, and is surrounded by vacant land, the Delta Mendota Canal, and California Aqueduct.

Comparative Impacts Discussion

The proposed Project would convert undeveloped land to urbanized development. Although portions of the THSP area have developed, those areas are south of the proposed Project site. Because the Project area is vacant and does not have any established communities on site, implementation of the Project would not physically divide an established community.

The proposed Project includes a new Vesting Tentative Subdivision Map and Development Review Permit application that would be subject to review for compatibility with the 2009 San Joaquin ALUCP (amended January 2018). As shown in Figure 4.10-2 of the THSP SEIR, the proposed Project site, specifically Buildings

5, 6, and 7, would be within the Tracy Municipal Airport Zones 2, 3, 4 and the Traffic Pattern Zone,[5] which has a height limit of 35 feet for structures. Proposed Buildings 1, 2, 3, and 4 would be within Zone 4, which has a height limit of 70 feet for structures. Objects or structures greater than these allowed heights are permitted, subject to Federal Aviation Administration (FAA) Airspace Review. Additionally, the proposed SPA would modify the current THSP Development standards for M1-TH zone to allow a maximum building height of 47 feet tall for future buildings. As discussed in Section VIII, Hazards and Hazardous Materials of the THSP SEIR, a portion of the northeast corner of the THSP Area is located within the Tracy Municipal Airport, Traffic Pattern Zone 7 in the 2009 San Joaquin Airport Land Use Compatibility Plan (ALUCP) as shown in Figure 4.10-2 of the THSP SEIR.

The San Joaquin ALUCP also has restrictions on certain land uses within Zones 2, 3, and 4, such as waterways (e.g., retention basins, artificial lakes, ponds, etc.) which would create a hazard to birds and aircrafts. As currently proposed, the proposed Project would construct two drainage basins to serve the buildings and New Public Street. With implementation of THSP SEIR Mitigation Measure 4.10-1, potential impacts regarding compatibility with the existing land use plans and policies would be reduced to a less-than- significant level by ensuring that tentative and final maps comply with 2009 ALUCP.

On January 10, 2022, the Project applicant received approval from the SJCOG ALUC to address these points. Per SJCOG ALUC's approval, the FAA has issued final Determination of No Hazard to Air Navigation letters (Determination Letters) for all seven (7) proposed buildings within the Project. Further, the SJCOG ALUC's approval determined that the proposed drainage basins would meet applicable storm water standards and would drain within 14 hours or less in conformance with the ALUC Plan.

For these reasons, the proposed Project would not conflict with any policies online in the 2009 San Joaquin ALUCP (amended January 2018).

However, the proposed Project's increase in maximum building height from 45 feet to 47 feet, the proposed Project would conflict with the adopted THSP. As part of the proposed Project, an amendment to the THSP is required to demonstrate consistency and compliance.

As discussed in the Biological Resources section above, the Project area is located within Area A of the THSP which falls within the Sphere of Influence of the SJMSCP. As such, the proposed Project would have the potential to conflict with the SJMCP. However, with implementation of THSP SEIR Mitigation Measures 4.4-1h, 4.4-1j, 4.4-1m, and 4.4-4a, the proposed Project's impact concerning applicable conservation plans would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

[5] THSP Draft EIR, page 4.10-19

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.10-1

All tentative and final maps within the THSP shall conform to the provisions of the 2009 ALUCP (or the ALUCP in effect at the time of Project Applicant submissions), including but not limited to:

- *Land use restrictions of the ALUCP;*
- *All proposed school sites within a 2 mile radius of the airport runway must obtain approval by the State Department of Transportation Division of Aeronautics.*

Mitigation Measure 4.4-1h

All applicants who conduct Projects within Areas A and B of the Project Site shall adhere to the terms of the SJMSCP. Participation in the SJMSCP includes compliance with all incidental take measures as required in the SJMSCP, including but not limited to preconstruction surveys to determine presence for special status flora and fauna. Notwithstanding this biological resource section's less-than-significant impact conclusions, if required by applicable law, projects being implemented within Area C shall voluntarily secure Section 7 and/or Section 10 permits in consultation with the appropriate wildlife agencies.

Mitigation Measure 4.4-1j

To avoid the potential for disturbance of nesting birds on or near the Project Site, schedule the initiation of any vegetation removal and grading for the period of September 1 through February 15. If construction work cannot be scheduled during this period, a qualified biologist shall conduct preconstruction surveys for nesting birds according to the following guidelines:

1) *The preconstruction surveys shall be conducted by the qualified biologist no later than 14 days prior to the start of vegetation removal or initiating project grading.*
2) *If birds protected under the Migratory Bird Treaty Act are found nesting, then appropriate construction buffers shall be established to avoid disturbance of the nests until such time that the young have fledged. The size of the nest buffer shall be determined by the biologist in consultation with CDFW, and shall be based on the nesting species, its sensitivity to disturbance, and expected types of disturbance. Typically, these buffers range from 75 to 250 feet from the nest location.*
3) *Nesting activities shall be monitored periodically by a qualified biologist to determine when construction activities in the buffer area can resume.*
4) *Once the qualified biologist has determined that young birds have successfully fledged, a monitoring report shall be prepared and submitted to the City of Tracy Development Services for review and approval prior to initiating construction activities within the buffer area. The*

monitoring report shall summarize the results of the nest monitoring, describe construction restrictions currently in place, and confirm that construction activities can proceed within the buffer area without jeopardizing the survival of the young birds. Construction within the designated buffer area shall not proceed until the written authorization is received by the applicant from the Development Services Director. The above provisions are in addition to the preconstruction surveys to confirm presence or absence of nesting Swainson's hawk, burrowing owl, and other special-status species as required under the Incidental Take Minimization Measures of the SJMSCP.

Mitigation Measure 4.4-1m

The discovery of any previously unidentified protected species that are not covered by the SJMSCP, including those protected under the MBTA and the Fish and Game Code, shall be avoided and evaluated by a qualified biologist during surveys. The USFWS and CDFG shall be notified of the presence of any previously unreported protected species. Any unanticipated take of protected wildlife shall be reported immediately to the USFWS and CDFG.

Mitigation Measure 4.4-4a

A 100-foot setback from the California Aqueduct shall be required to allow wildlife movement to persist throughout the Project Site without any significant barriers or blockades. Prior to development of properties adjacent to I-580 or the south side of the California Aqueduct that do not have a 100-foot wide conservation easement placed adjacent to these facilities, a 100-foot wide conservation easement shall be recorded along the I-580 and the Aqueduct. These measure ensures that known wildlife movement corridors remain intact, and allow for an appropriate number and size of permeable wildlife passages through Project boundaries, ensuring connectively to areas that already are subject to conservation easements, such as the 3,500 acre preserve located adjacent to Area C.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Land Use and Planning

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to land use and planning, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative

or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to land use and planning from the proposed Project would not require the preparation of a subsequent EIR.

Noise

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Expose persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	THSP SEIR page 4.11-14 to 4.11-22 & page 4.11-34 to 4.11-35	No	No	No	Yes THSP SEIR MM 4.11-3a through MM 4.11-3e
b. Expose persons to or generation of excessive groundborne vibration or groundborne noise levels?	THSP SEIR page 4.11-18	No	No	No	No
c. Substantially permanently increase in ambient noise levels in the project vicinity above levels existing without the project?	THSP SEIR page 4.11-19 to 4.11-27 & page 4.11-29 to 4.11-31 & page 4.11-33 to 4.11-35	No	No	No	Yes THSP SEIR MM 4.11-3a through MM 4.11-3e
d. Substantially temporarily or periodically increase in ambient noise levels in the project vicinity above levels existing without the project?	THSP SEIR page 4.11-14 to 4.11-18 & page 4.11-33	No	No	No	Yes THSP SEIR MM 4.11-1
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 expose people residing or working in the project area to excessive noise levels?	THSP SEIR page 4.11-27	No	No	No	No

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	n/a	No	No	No	No

Discussion

Relevant Changes to Project Related to Noise

According to the THSP SEIR, the THSP Area is located approximately 0.22 miles west of the Tracy Municipal Airport. The Project area is located approximately 0.22 miles west of the Tracy Municipal Airport. According to the San Joaquin County Airport Land Use Compatibility Plan Update (ALUCP) the airport has approximately 59,701 operations, primarily performed by single engine piston aircrafts involved in flight training. A small portion of the THSP Area is located within the 55 CNEL Airport Noise Contour. However, as discussed in the THSP SEIR, this portion of the THSP Area, which includes the northeast corner of the Project site, is proposed for light industrial uses, which are not considered sensitive receptors. According to the THSP SEIR, the THSP Area is not located within two miles of a private airstrip. Therefore, the proposed Project is not located within a distance of two miles from a private airstrip.

Relevant Changes to Environmental Setting

The project site remains vacant, and is surrounded by vacant land, the Delta Mendota Canal, and California Aqueduct.

Comparative Impacts Discussion

The proposed Project area is located 0.57-mile north of I-580, immediately adjacent to Corral Hollow Road, immediately adjacent to the California Aqueduct, and 0.30 mile south of the Union Pacific Railroad. Within the Project area, there are no new sensitive receptors beyond those identified in the THSP SEIR. The nearest identified sensitive receptor is single-family residential uses located approximately 0.15 miles south of the Project site. At this distance, construction and operational noise levels would remain low. While the proposed Project would result in an increase of industrial buildings within the Project area, stationary noise impacts associated with operations of industrial buildings on this site were analyzed in the THSP SEIR. Additionally, with implementation of the above mitigation measures, impacts to noise levels would not be altered any greater than what was previously analyzed and remain less than significant. This is consistent with the impact conclusions of the THSP SEIR. Future mobile traffic noise

levels generated along heavily-traveled roadways may result in potentially significant impacts for existing sensitive receptors and future buildings in the THSP Area.[6] THSP SEIR Mitigation Measures 4.11-1 and 4.11-3a-e and adherence to Municipal Code requirements would lessen stationary noise impacts to less than significant. No new specific impact would result, nor a substantial increase in the severity of an impact that was previously identified in the certified EIRs. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

Noise emissions from construction of the proposed Project would be localized and occur intermittently for varying periods of time. The highest construction noise levels associated with construction would be generated during grading, excavation, and foundation work, with lower noise levels occurring during building construction and finishing. According to the THSP SEIR, potentially significant impacts from construction noise could occur with THSP implementation. Construction of the proposed Project would include similar construction equipment and schedule as was previously analyzed in the THSP SEIR. Therefore, notable temporary sound level increases would not be greater than previously evaluated. Implementation of THSP SEIR Mitigation Measure 4.11-1 would reduce the potential for a substantial temporary or periodic increase in ambient noise levels to occur by demonstrating compliance with construction-related policies to the satisfaction of the City of Tracy Engineering and Building Division. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

Construction of the proposed buildings has the potential to produce short-term construction vibration effects and operational vibration as a result of the proposed Project's traffic and mechanical equipment operations. Construction of the proposed Project would generate short-term construction vibration during site preparation and construction of the buildings, paving and related activities. Vibration from construction activities rarely reaches the levels that can damage structures, but ground borne vibration and noise can reach perceptible and audible levels in buildings that are very close to the construction site. Even with vibration reduction measures, such as use of vibration attenuating construction equipment (static rollers) and discretionary scheduling of the noisiest construction activities, ground borne vibration from construction within the THSP Area when in close proximity to sensitive receptors would be a potentially significant impact relative to perception and annoyance.

With respect to the proposed Project, short-term construction vibration impacts could result at adjacent sensitive receptors (residential uses) in the THSP Area. Vibration effects would be reduced by a combination of appropriate equipment and process selection, as well as implementation of proper administrative controls and best management practices referred to in THSP SEIR Mitigation Measure 4.11-1. Even with these vibration reduction approaches, it is still possible that individual, site-specific developments could exceed either the annoyance threshold and/or the architectural damage threshold. This potential situation would be exacerbated with the use of standard pile driving techniques. As such, ground borne vibration from construction could result in a potentially significant impact with respect to perception or architectural damage. However, implementation of THSP SEIR Mitigation Measure 4.11-1

[6] THSP Draft EIR, page 4.11-22.

would reduce construction vibration levels, resulting in a less-than-significant impact. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

The previously approved THSP SEIR evaluated stationary source noise impacts such as mechanical equipment, slow moving delivery/supply trucks, activities at the loading docks, parking lots, landscape maintenance, and outdoor pools. As the THSP is primarily vacant, the previously approved EIR found new noise sources would be introduced as a result of the proposed Project and THSP buildout. However, THSP SEIR Mitigation Measures 4.11-3a-e and adherence to Municipal Code requirements would lessen impacts to less than significant.

As discussed in the previously certified THSP SEIR, Specific Plan implementation would cause a substantial noise increase to most nearby roadways within and in close proximity to the Specific Plan limits during Long Range Plus THSP Buildout Conditions.[7] The Specific Plan impact was identified as significant and unavoidable. According to the THSP SEIR, impacts would occur on off-site roadways where it is infeasible to implement mitigation measures. Therefore, impacts to off-site uses from traffic noise remain significant and unavoidable. The proposed Project would include land uses that are equivalent to those analyzed in the THSP SEIR. The Project does not propose an increase in development density within the THSP Area. Similar to the THSP, mitigation measures would not be feasible to apply on off-site roadways and the proposed Project would also result in a significant and unavoidable impact related to future mobile traffic noise. This would not be a new specific impact, nor would it increase the severity of the impact previously identified in the THSP SEIR and would therefore be consistent with the effects of implementation of the THSP.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.11-1

Prior to the issuance of demolition permits or ground disturbing activities (whichever occurs first), the Contractor shall demonstrate to the satisfaction of the City of Tracy Engineering and Building Divisions that the Project complies with the following:

- *Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.*
- *Property occupants located adjacent to the Project boundary shall be sent a notice, at least 15 days prior to commencement of construction of each phase, regarding the construction schedule of the Project. A sign, legible at a distance of 50 feet shall also be posted at the Project construction*

[7] THSP Draft EIR, page 4.11-22.

site. All notices and signs shall be reviewed and approved by the City of Tracy Planning Division prior to mailing or posting and shall indicate the dates and duration of construction activities, as well as provide a contact name and a telephone number where residents can inquire about the construction process and register complaints.

- *The Contractor shall provide evidence that a construction staff member would be designated as a Noise Disturbance Coordinator and would be present on-site during construction activities. The Noise Disturbance Coordinator shall be responsible for responding to any local complaints about construction noise. When a complaint is received, the Noise Disturbance Coordinator shall notify the City within 24-hours of the complaint and determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall implement reasonable measures to resolve the complaint, as deemed acceptable by the Planning Division. All notices that are sent to residential units immediately surrounding the construction site and all signs posted at the construction site shall include the contact name and the telephone number for the Noise Disturbance Coordinator.*

- *During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.*

- *Construction activities shall occur between the hours of 7:00 AM and 10:00 PM daily pursuant to Section 9.12.030 and Section 4.12.820 of the Tracy Municipal Code.*

Mitigation Measure 4.11-3a

Prior to issuance of any Building Permit, the Project applicant shall demonstrate, to the satisfaction of the City of Tracy, compliance with the following:

- *To the extent possible, all mechanical equipment shall be oriented away from the nearest noise sensitive receptors; and*

- *All mechanical equipment shall be screened and enclosed to minimize noise or the equipment shall be factory rated at a noise level that would comply with the noise limits set forth in the City's Municipal Code.*

Mitigation Measure 4.11-3b

Where a commercial zone abuts a residential zone or residential use, all deliveries of goods and supplies; trash pick-up (including the use of parking lot trash sweepers); and the operation of machinery or mechanical equipment which emits noise levels in excess of 65 dBA, as measured from the closest property line to the equipment, shall only be allowed between the hours of 7:00 AM and 10:00 PM, unless otherwise specified in an approved conditional use permit or other discretionary approval.

Mitigation Measure 4.11-3c

All feasible sound attenuation shall be incorporated into the parking areas (i.e., landscaping and brushed driving surfaces), such that noise from parking area has been minimized to the greatest extent practicable such that parking lot noise would not exceed the standards indicated in Tracy Municipal Code Section 4.12.750 (General Sound Level Limits).

Mitigation Measure 4.11-3d

Prior to the issuance of Building Permits, any residential development within 2,040 feet of the I-580 centerline shall be designed in compliance with the California Building Code (CBC) and an Acoustical Noise Analysis shall be prepared to ensure that the City of Tracy's exterior and interior noise level standards defined in General Plan Figure 9-3, Land Use Compatibility for Community Noise Environment, are met at all residential, commercial, and recreational land uses. The analysis shall verify that residences are adequately shielded and/or located at an adequate distance from mobile noise sources.

Residential buildings or structures shall be designed to ensure interior noise levels do not exceed 45 dBA. In addition, individual developments shall, to the extent feasible, implement site-planning techniques such as the following:

- *Increasing the distance between the noise source and the receiver;*
- *Using non-noise sensitive structures such as garages to shield noise-sensitive areas;*
- *Orienting buildings to shield outdoor spaces from a noise source;*
- *Incorporating architectural design strategies, which reduce the exposure of noise-sensitive spaces to stationary noise sources (i.e., placing bedrooms or balconies on the side of the house facing away from noise sources). These design strategies shall be implemented as required by the City to comply with City noise standards;*
- *Incorporating noise barriers, walls, or other sound attenuation techniques, as required by the City to comply with City noise standards; and*
- *Modifying elements of building construction (i.e., walls, roof, ceiling, windows, and other penetrations), as necessary to provide sound attenuation. This may include sealing windows, installing thicker or double-glazed windows, locating doors on the opposite side of a building from the noise source, or installing solid-core doors equipped with appropriate acoustical gaskets.*

Mitigation Measure 4.11-3e

Prior to the issuance of Grading Permits, any residential development associated with the THSP Buildout (i.e., development other than Phase 1a) located within 260 feet of the Union Pacific Railroad corridor shall have an Acoustical Analysis prepared to fully analyze acoustical impacts and develop measures, if required, to ensure that the City's exterior standards of 70 dBA would be achieved for the

proposed land uses that are subject to noise from train pass-bys. The analysis shall conduct detailed train noise modeling to verify that residences are adequately shielded and/or located at an adequate distance from the rail corridor to comply with the City's exterior standards. The analysis shall also ensure that interior noise levels do not exceed 45 dBA.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Noise

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to noise, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to noise from the proposed Project would not require the preparation of a subsequent EIR.

Public Services and Utilities

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:					
i. Fire protection?	THSP SEIR page 4.12-36 to 4.12-37 & page 4.12-47	No	No	No	Yes THSP SEIR MM 4.12-1, MM 4.12-2 & MM 4.12-3
ii. Police protection?	THSP SEIR page 4.12-37	No	No	No	Yes THSP SEIR MM 4.12-4a & MM 4.12-5b
iii. Schools?	THSP SEIR page 4.12-37 to 4.12-38	No	No	No	No
iv. Parks?	THSP SEIR page 4.13-29	No	No	No	No
v. Other public facilities?	n/a	No	No	No	No
b. 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?	THSP SEIR page 4.13-29	No	No	No	No

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
c. Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	THSP SEIR page 4.13-29	No	No	No	No
d. Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	THSP SEIR page 4.12-43 to 4.12-44 & page 4.12-46 to 4.12-47	No	No	No	No
e. Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	THSP SEIR page 4.12-39 to 4.12-43 & page 4.12-48 to 4.12-49	No	No	No	Yes THSP SEIR MM 4.12-6
f. Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	THSP SEIR page 4.9-13 to 4.9-14 & page 4.9-19 to 4.9-20 & page 4.9-28 to 4.9-29	No	No	No	No
g. Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	THSP SEIR page 4.12-39 to 4.12-43 & page 4.12-46 & page 4.12-48	No	No	No	No
h. 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?	THSP SEIR page 4.12-43 to 4.12-44 & page 4.12-46 to 4.12-48	No	No	No	Yes THSP SEIR MM 4.12-7a & MM 4.12-8b

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
i. Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	THSP SEIR page 4.12-44 to 4.12-45 & page 4.12-47	No	No	No	No
j. Comply with federal, state, and local statutes and regulations related to solid waste?	THSP SEIR page 4.12-44 to 4.12-45 & page 4.12-47	No	No	No	No

Discussion

Relevant Changes to Project Related to Public Services and Utilities

The proposed Project would develop the same types of uses at the same square footages as that analyzed in the THSP SEIR. The proposed Project would add New Public Street along the south side of the Commerce Center, creating an intersection at Corral Hollow Road. The Commerce Center itself would have a new internal roadway that would run east-west and connect to Corral Hollow Road. Internal roadways to access the buildings on the Commerce Center site would also be constructed. All roadways on the Commerce Center site would be accessible by emergency vehicles, service vehicles, and utility vehicles.

The proposed Project only proposes developing industrial uses, and no residential uses are proposed. Student generation directly when residential units are constructed and a site generates new residents. Because the proposed Project would not generate any residents, there would be no student generation and no impact to schools.

The proposed Project only proposes developing industrial uses, and no residential uses are proposed. The City's park dedication requirement applies when residential units are constructed and a site generates new residents. The THSP stated that, "each tentative subdivision map shall either include adequate neighborhood park land to bring the total neighborhood park land within the tentative map approved portion of the Specific Plan to three acres per 1,000 population, or the developer shall demonstrate how future tentative map areas of the Specific Plan will include park land to achieve the minimum three acres per 1,000 population requirement, and otherwise comply with the Parks Master Plan."[8] The proposed VTSM does not propose any development at this time. Because the proposed Project would not generate any residents, there would be no new population growth or demand for parks and recreation facilities.

[8] THSP, page 2-19.

The VTSM portion of the proposed Project would remain undeveloped at this time, and therefore would not change the demand for public services and utilities from that analyzed in the THSP SEIR.

Relevant Changes to Environmental Setting

The Project site remains vacant and retains unobstructed frontage along Corral Hollow Road. Some homes within the THSP have been constructed between the California Aqueduct and I-580, and there are some residences further south of I-580.

Comparative Impacts Discussion

Project implementation would increase service demand compared to the site's existing uses because the Project would introduce new industrial uses to a vacant site. However, the proposed industrial uses have been anticipated for and previously analyzed in the THSP SEIR for this site. The proposed Project would develop the same types of uses at the same square footages as analyzed in the THSP SEIR, and would not increase demand for fire or police services beyond that disclosed in the THSP SEIR.

The THSP SEIR identified that development of the THSP would include two fire stations within the THSP Area, which would be adequately equipped to provide fire services for the buildout of the THSP once implemented.[9] As determined in the THSP SEIR, buildout of the THSP would not exceed the City's planned growth level, additional service population was already accounted for in the Citywide Public Safety Master Plan and would not require additional fire protection facilities beyond what has been planned. Additionally, all project applicants of individual projects within the THSP Area would be required to pay a fair and equitable amount to the City's Public Buildings impact fee to offset the capital costs for fire protection and emergency service facilities.

Fire protection needs would not be altered by implementation of the proposed Project with implementation of THSP SEIR Mitigation Measures 4.12-1 and 4.12-3, and implementation of the proposed Project would not result in the need to construct additional fire stations, beyond those identified in the THSP SEIR. Given that no additional fire stations beyond those identified in the THSP would be required to serve the proposed Project, Project implementation would not create substantial adverse physical impacts associated with construction of a new fire station. As such, this impact would be less than significant. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

The THSP SEIR noted that the Citywide Public Safety Master Plan proposes the construction of a new police substation located closer to the THSP Area than the current primary police station; however the new substation would not be associated with the THSP. Project implementation would increase police protection demand compared to the site's existing uses because the Project would result in the

[9] Subsequently, the City of Tracy Fire Department determined, Standards of Response Coverage report, that only one fire station would be needed to serve the THSP Area. Personal communication with Fire Chief Randy Bradley on January 28, 2020.

development of new industrial uses, which would create more service demand than the existing vacant site. Although the proposed Project would create more service demand than existing uses, these proposed industrial uses have been anticipated for and previously analyzed in the THSP SEIR for this site. Therefore, growth associated with the Project would not exceed the growth planned for the THSP Area. The THSP SEIR identified Mitigation Measures 4.12-4a and 4.12-5b to reduce the impact of development in the THSP area to less than significant. Those mitigation measures would apply to the proposed Project. The proposed Project, with implementation of the mitigation measures identified above, would not result in the need to construct additional police stations, beyond those identified in the THSP SEIR. Given that no additional police stations would be required to serve the proposed Project, beyond those identified in the THSP, the proposed Project would not create substantial adverse physical impacts associated with construction of a new police station. As such, this impact would be less than significant. This is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

The City of Tracy provides wastewater services throughout the City and the THSP Area. As part of its regular review of citywide growth, the City prepares and implements it Wastewater Master Plan (WWMP). The WWMP identifies the need for a wastewater treatment system upgrade. The THSP SEIR analyzed the demand for wastewater services as a result of THSP development. The THSP SEIR determined that compliance with all applicable regulations would not exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board (RWQCB). The proposed Project would include the same types of uses and square footages as disclosed in the THSP SEIR, and the Project's wastewater generation would be within the assumptions discussed in the THSP SEIR. Therefore, the proposed Project would not be expected to result in an exceedance of any wastewater treatment requirements of the applicable RWQCB any greater than previously analyzed in the THSP SEIR, and wastewater impacts would be considered less than significant.

Although the WWMP anticipates the need for a wastewater treatment system upgrade, the timing of improvements identified in the WWMP is subject to the pace of development in the city and demand for additional wastewater infrastructure. Similarly, the City's Water Master Plan (WMP) informs what water system improvements may be necessary to serve development in the city. The proposed Project would include the same types of uses and square footages as disclosed in the THSP SEIR, and the Project's wastewater service demand and water infrastructure demand would be within the demand assumptions discussed in the THSP SEIR. The THSP SEIR identified mitigation, however, to specify the need for flow monitoring as individual projects are proposed to determine available capacity in both the water and wastewater systems. If additional infrastructure is determined to be necessary to serve an individual project within the THSP area, then development of such improvements shall occur. Implementation of THSP SEIR Mitigation Measures 4.12-7a and 4.12-8 would ensure that flow monitoring occurs, that necessary interim or permanent infrastructure improvements are implemented, and development impact fees are collected to offset the cost of infrastructure. Therefore, the proposed Project would not be expected to result in waster or wastewater infrastructure improvements greater than previously analyzed in the THSP SEIR, and wastewater impacts would be considered less than significant.

As discussed in the THSP SEIR, the construction of new stormwater drainage facilities or expansion of existing facilities would be required for buildout of the THSP Area as well as individual development projects. The storm drainage infrastructure within the THSP Area would incorporate terminal retention basins as the means of managing runoff from new development via storage and percolation. These basins are depicted in Figure 4.9-4 of the THSP SEIR, and shown on Figure 6 of this Consistency Analysis for the Commerce Center. Development of the proposed Project would result in an increase of impervious surfaces through construction of industrial buildings, parking areas, roadways, and other improvements as was previously analyzed in the THSP SEIR. However, because the proposed Project would be located within the same footprint as what was previously analyzed in the THSP SEIR and include a similar amount of impervious surface area, storm water runoff generated by implementation of the proposed Project would be self-contained and would not utilize any existing downstream City storm drainage facilities any greater than previously analyzed in the THSP SEIR. The proposed Project would construct two retention/detention basins on site to serve the new buildings and New Public Street**.** For these reasons, implementation of the proposed Project would not require new stormwater drainage facilities, the construction of which would cause significant environmental effects. This would not be a new specific impact or a substantial increase in the severity of an impact that was identified in the certified EIRs and would therefore be consistent with the effects of implementation of the THSP.

According to the water supply assessment (WSA) prepared for the THSP, industrial uses in the THSP Area would have a potable water demand of 1.5 acre-feet per acre per year (af/ac/yr). The THSP SEIR had concluded a total water demand of 529 af/yr for buildout of industrial uses in the THSP. Project implementation would introduce seven industrial buildings, resulting in a water demand of 58.35 af/yr, [10] which would be approximately 11 percent of the water demand for industrial uses in the THSP. Therefore, Project implementation would be within the water demand as analyzed In the THSP SEIR, and there remains a sufficient water supply to meet water demand for the THSP Area.

Implementation of the Commerce Center would introduce employes within the THSP area which would generation of solid waste. Conservatively assuming that the Commerce Center can accommodate 1,698 employees, and based upon the current generation factor of 7.52 pounds per person per day (the residential, commercial, industrial average), the proposed Project would result in 12,768 pounds of solid waste per day, or 6.38 tons.[11] The THSP SEIR assumed the generation of approximately 54 tons of solid waste generated per day. Therefore, the proposed Project is within the solid waste generation projections analyzed in the THSP SEIR, and the landfill would have capacity to serve the proposed Project. Compliance with applicable statutes and regulations, including the City's waste diversion programs and the CALGreen Code would ensure that recycling mandates are met, and that sustainable materials generating less construction waste would be implemented. Therefore, the proposed Project is consistent with the impact conclusions of the THSP SEIR. No new specific impact would result, nor would the impact previously identified be any more severe as a result of the proposed Project. Therefore, the proposed Project would be consistent with the effects of implementation of the THSP.

[10] Project Water Demand = Unit Water Demand Factor x Project Building Area = 1.5 af/ac/yr x 38.9 ac = 58.35 af/yr.
[11] [1,698 people] * [7.52 lbs waste/person/day] = [12,768 lbs waste/day].

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.12-1

As part of the application process for each individual development under the Specific Plan, the Project applicant shall be required to pay the applicable development impact fees.

Mitigation Measure 4.12-2

Prior to issuance of the first building permit, the developer shall construct an all-weather, emergency vehicle access to all points of the Project site from Lammers Road (including crossings of the Delta Mendota Canal, Union Pacific Railroad, and California Aqueduct). The emergency vehicle access shall be available to police, fire, and all other necessary and relevant emergency responders. The design, location, and maintenance of the access shall meet City standards to the satisfaction of the Fire Chief. The access shall be continuously maintained by the developer until permanent access is developed and accepted for maintenance by the City.

Mitigation Measure 4.12-3

Prior to final inspection or certificate of occupancy for the 289th house within Tracy Hills, a fire station and all related equipment shall be constructed and operational to serve Tracy Hills in accordance with the Citywide Public Safety Master Plan. Additional station(s) shall subsequently be constructed and operational, the design of which shall be in accordance with the Citywide Public Safety Master Plan, and adopted standards of coverage, to the satisfaction of the Fire Chief.

Mitigation Measure 4.12-4a

The Project applicant of individual projects within the THSP Project Area shall consult with the Police Department during preliminary stages of site design to review safety features, determine their adequacy, and suggest design and/or physical improvements to the proposed site plan. This is achieved through the City's development review process, which currently is coordinated with various City Departments' review of new development proposals.

Mitigation Measure 4.12-5b

As part of the application process for each individual development under the Specific Plan, the Project applicant shall be required to pay the applicable development impact fees.

Mitigation Measure 4.12-6

Developers of subsequent phases of the Project (beyond Phase 1a) will be required to prepare SB 221 analysis for each subsequent phase of development.

Mitigation Measure 4.12-7a

As part of the development process for each individual site-specific development under the Specific Plan, the City shall review flow monitoring, at the applicant's cost, to determine available capacity. If the City determines, based on technical and legal constraints and other relevant data, that existing capacity is available to serve the development at issue, then no further mitigation is required. However, if the City determines, based on technical and legal constraints and other relevant data, that existing capacity is not available to serve the development at issue, then the improvements as identified in the Master Plan must be constructed that are necessary to create the additional capacity required, subject to any applicable credit and/or reimbursement provisions, as determined by the City.

Mitigation Measure 4.12-8b

As part of the development process for each individual site-specific development under the Specific Plan, the applicant shall pay its applicable development impact fees for wastewater facilities prior to issuance of building permits.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Public Services and Utilities

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to public services and utilities, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to public services and utilities from the proposed Project would not require the preparation of a subsequent EIR.

Transportation/Traffic

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
a. Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?	THSP SEIR page 4.13-77 to 4.13-116 & page 4.13-119 to 4.13-170 & page 4.13-181 to 4.13-223	No	No	No	Yes THSP SEIR MM 4.13-5a-c & MM 4.13-6a-c & MM 4.13-7a-c & MM 4.13-8a-d & MM 4.13-9a-c & MM 4.13-10a-c & MM 4.13-14a & MM 4.13-14b & MM 4.13-14d & MM 4.13-15a-c
b. Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	THSP SEIR page 4.13-175 & page 4.13-176 to 4.13-181	No	No	No	No
c. Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	n/a	No	No	No	No
d. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	THSP SEIR page 4.13-119 & page 4.13-174 & page 4.13-223 to 4.13-224	No	No	No	Yes THSP SEIR MM 4.13-15e & MM 4.13-15f
e. Result in inadequate emergency access?	n/a	No	No	No	No

Environmental Issue Area	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information of Substantial Importance?	Prior Environmental Documents Mitigations Implemented or Address Impacts?
Would the project:					
f. Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	THSP SEIR page 4.13-117 to 4.13-119 & page 4.13-171 to 4.13-174 & page 4.13-222 & page 4.13-224 to 225	No	No	No	Yes THSP SEIR MM 4.13-1b & MM 4.13-15d & MM 4.13-15g

Discussion

Relevant Changes to Project Related to Transportation/Traffic

The proposed Project would develop the same types of uses at the same square footages as that analyzed in the THSP SEIR. The proposed Project would add New Public Street along the south side of the Commerce Center, creating an intersection at Corral Hollow Road. The Commerce Center itself would have a new internal roadway that would run east-west and connect to Corral Hollow Road. Internal roadways to access the buildings on the Commerce Center site would also be constructed.

Relevant Changes to Environmental Setting

The Project site remains vacant and retains unobstructed frontage along Corral Hollow Road. Some homes within the THSP have been constructed between the California Aqueduct and I-580, and there are some residences further south of I-580.

Comparative Impacts Discussion

A Traffic Study was prepared by Kimley-Horn and Associates, Inc. (June 2021[12]) for the proposed Project to evaluate whether the proposed Project would generate more traffic than what was evaluated for the Project site in the previously certified THSP SEIR (see Attachment D). The results of the traffic analysis are summarized below.

[12] Revised January 4, 2021.

Project Trip Generation

The number of project trips anticipated to be generated by the proposed Project was calculated using the adopted trip generation rates in the THSP SEIR and the ITE Trip Generation Manual. The trip generation for the proposed Project was calculated using the ITE land use code for Other (Industrial/Warehousing).

The trip generation calculation included a comparison between the previously certified THSP SEIR buildout trips, the accumulation of existing and approved[13] project trips, and the proposed Project buildout trips. This comparison is provided below in Table 4: Trip Generation. It should be noted that since certification of the THSP SEIR, the THSP has been amended with several land use changes associated with the approved projects listed in Table 4. With the approved projects, buildout of the THSP is anticipated to generate 6,154 a.m. peak hour trips and 11,616 p.m. peak hour trips.

The Project is anticipated to generate a total of 295 a.m. peak hour trips and 571 p.m. peak hour trips. The total trips generated for the approved projects plus the Project is 2,349 a.m. peak hour trips and 4,490 p.m. peak hour trips.

Comparison of the trip generation for the THSP SEIR analysis, accumulation of existing and approved project trips, and the proposed Project buildout trips indicates the approved projects plus Project trip generation is less than the THSP SEIR buildout trip generation. With the addition of the THSP Commerce Center, the cumulative trip generation, and potential impacts for all the approved and built projects in Tracy Hills would continue to be encompassed within the impacts disclosed under buildout of the THSP SEIR.

Given that the SEIR trip rates are used for this analysis and that the floor area ratio (FAR) is less than SEIR assumptions (0.44 FAR for the Project versus 0.5 FAR for Other (Industrial/Warehousing) land uses per the SEIR and TMP), the Project's trip generation is within the SEIR assumptions for the Project site and the THSP Area.

Table 4: Trip Generation

Land Use[1]	ITE Land Use Code	Project Size		AM Peak Hour	PM Peak Hour
TMP Other (Industrial)	Model	-	EMP	0.17	0.33
Low/Mid Density Residential & Residential Estate	Model	-	DU	0.55	1.05
THSP Buildout[4]					
Low/Mid Density Residential & Residential Estate		6,461	DU	3,554	6,784
High Density Residential		125	DU	39	74
Retail		919	EMP	1,746	3,180
Office		701	EMP	154	295
Other (Industrial/Warehousing)		3,889	EMP	661	1,283
School[2,3]					
THSP Buildout Total				**6,154**	**11,616**
Approved Tentative Map Projects					
Low/Mid Density Residential & Residential Estate					
Phase 1A		1,137	DU	625	1,194

[13] See Table 4: Trip Generation for approved projects by the City since certification of the THSP.

Land Use[1]	ITE Land Use Code	Project Size		AM Peak Hour	PM Peak Hour
Village 6B		66	DU	36	69
KT		214	DU	118	225
Phase 1B		430	DU	237	452
Phase 1C*		369	DU	203	387
Phase 2		1,517	DU	835	1,592
Total		**3,733**	**DU**	**2,054**	**3,919**
High Density Residential		**0**	**DU**	**0**	**0**
Retail		**0**	**EMP**	**0**	**0**
Office		**0**	**EMP**	**0**	**0**
Other (Industrial/Warehousing)		**0**	**EMP**	**0**	**0**
Approved Tentative Map Projects Total				**2,054**	**3,919**
Tracy Hills Commerce Center[5]					
Building 1		233	EMP	40	77
Building 2		274	EMP	47	90
Building 3		355	EMP	60	117
Building 4		351	EMP	60	116
Building 5		248	EMP	42	82
Building 6		118	EMP	20	39
Building 7		150	EMP	26	50
Tracy Hills Commerce Center Total		**1,729**	**EMP**	**295**	**571**
Approved TM Projects + Tracy Hills Commerce Center					
Low/Mid Density Residential & Residential Estate		3,733	DU	2,054	3,919
High Density Residential		0	DU	0	0
Retail		0	EMP	0	0
Office		0	EMP	0	0
Other (Industrial/Warehousing)		1,729	EMP	295	571
Approved TM Projects + Tracy Hills Commerce Center Total				**2,349**	**4,490**

Notes:

1. Trip generation rates and Original Approved Specific Plan Buildout trips taken from the Tracy Hills Specific Plan Recirculated Draft Subsequent Environmental Impact Report, October, 2015
2. The EIR used 0.48 for the AM peak hour school trip generation rate calculations instead of the 0.45 that was listed.
3. Per the THSP SEIR, school trips have an assumed one-hundred percent internal capture rate and were not used for the analysis.
4. The latest THSP Buildout trip generation are taken from Kimley-Horn's Tracy Hills Specific Plan Amendment for Phase 1B and 1C – Transportation Consistency Analysis Memorandum dated October 1, 2020.
5. Tracy Hills Commerce Center is classified as Other (Industrial/Warehousing) land use. Employee estimates are based on 1 employee/1,000 square feet from THSP and TMP.

* Information shown for analysis purposes. A development application for Phase 1C is still pending.

Source: Kimley-Horn, January 2022

The traffic impact analysis prepared for THSP SEIR identified that buildout of the Project would require improvements to Corral Hollow Road and require the construction of Lammers Road as defined in the City's Traffic Management Plan (TMP) to accommodate the full development of the THSP. This is due to the unique location of the THSP Area, magnitude of the THSP, and access to I-580 at the Corral Hollow Road interchange and the proposed Lammers Road interchange. Both these interchanges are included in the TMP and the City is currently collecting Transportation Impact Fees (TIFs) and seeking grant funding to implement the planned improvements.

A trigger analysis was performed to determine to what extent the THSP can be developed with TMP identified improvements at the Corral Hollow interchange for 2035 conditions. The analysis indicated that the THSP could generate up to 2,588 AM peak hour trips before the operational degradation along Corral Hollow Road would merit the construction of Lammers Road and the I-580 interchange, or require major improvements to the Corral Hollow Road interchange. Table 4.13-21 of the THSP SEIR identified buildout of the THSP would result in increased V/C ratios to greater than 0.89 at some locations.

As shown in Table 4, buildout of the THSP is anticipated to generate 6,154 a.m. peak hour trips and 11,616 p.m. peak hour trips. The proposed Project would not generate more daily vehicle trips than what was considered for the previously approved THSP. None of the identified intersection improvements in Table 4.13-68 of the THSP SEIR are anticipated to change nor are any new mitigation measures required as an implementation of the proposed Project. Under cumulative conditions, implementation of the proposed Project would generate the same amount of trips in both the a.m. and p.m. peak hours compared to the previously approved THSP. The Project applicant would still be required to pay the applicable transportation fees as identified in THSP SEIR Mitigation Measure 4.13-7b. In addition, the Project applicant would be required to provide access to the Project site consistent with city standards and the City of Tracy TMP in effect at the time of Project approval. With implementation of THSP Mitigation Measure 4.13-7b, impacts would not be any greater than previously analyzed in the THSP SEIR. Thus, the proposed Project would cause neither a new impact to occur, nor an increase in the severity of an impact previously disclosed.

As identified in the previously certified THSP SEIR, the THSP complies with the San Joaquin Congestion Management Program (CMP) and the CMP LOS standard of D or better is maintained on all the CMP routes as identified in Tables 4.13-48 and 4.13-49 in the THSP SEIR. The THSP includes a range of travel demand management (TDM) strategies that are consistent with those identified in the City's station area plans of the General Plan and the San Joaquin Council of Governments (SJCOG) TDM goals. As such, the THSP SEIR concluded that no impacts would result from implementation of the THSP.

Because the Project would have more than 100 employees occupying the development on site, the Project would be required to submit a TDM Action Plan at the submittal of each building permit application and/or final map approval as directed by the City Engineer to implement TDM measures prior to the 100 employees occupying development on the site identified in the SJCOG Capital Improvement Program to meet SJCOG's TDM goals. As such, implementation of the proposed Project would not result in a conflict with an applicable CMP or travel demand measure as the proposed Project would not generate any greater trips in both AM and PM peak hours compared to the previously approved THSP. This is consistent with impact conclusions of the THSP SEIR. Thus, the proposed changes would not result in conflict with an applicable CMP or TDM strategies any greater than previously analyzed in the THSP SEIR.

As discussed in the Land Use and Planning section above, proposed Buildings 5, 6, and 7 would be within the Tracy Municipal Airport Zones 2, 3, 4 and the Traffic Pattern Zone, which has a preliminary height limit of 35 feet for structures. Objects or structures greater than the allowed height are permitted, subject to Federal Aviation Administration (FAA) Airspace Review. Additionally, the proposed SPA would modify the

current THSP Development standards for M1-TH zone to allow a maximum building height of 47 feet tall for future buildings.

The San Joaquin ALUCP also has restrictions on certain land uses within Zones 2, 3, and 4, such as waterways (e.g. retention basins, artificial lakes, ponds, etc.) which would create a hazard to birds and aircrafts. As currently proposed, the proposed Project would construct two drainage basins to serve the buildings and New Public Street.

On January 10, 2022, the Project applicant received approval from the San Joaquin Airport Council of Governments Land Use Commission (SJCOG ALUC) to address these points. Per SJCOG ALUC's approval, the FAA has issued final Determination of No Hazard to Air Navigation letters (Determination Letters) for all seven (7) proposed buildings within the Project. Further, the SJCOG ALUC's approval determined that the proposed drainage basins would meet applicable storm water standards and would drain within 14 hours or less in conformance with the ALUC Plan.

For these reasons, implementation of the proposed Project would not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks at the local airports in San Joaquin County as a result of the proposed Project. No associated traffic impacts would occur.

As discussed in the previously certified THSP SEIR, the City reviews each development project, and would require conformance with City standards in terms of driveway design and location, traffic controls, and other traffic engineering requirements. Since roadway and intersection designs would be required to meet the City of Tracy roadway design criteria requirements, hazard impacts are considered less than significant. The proposed Project roadway system, including facilities for vehicles (autos, trucks and buses), bicyclists and pedestrians, would also be required to be designed in conformance with the City of Tracy Transportation Master Plan, including all design guidelines contained therein, as well as in conformance with the City's standard plans. With conformance with the City standards in terms of driveway design and location, traffic controls, and other traffic engineering requirements, the proposed Project's impact on design features would be less-than-significant. This determination of less than significant impact is supported by the previously certified SEIR prepared for the THSP. The proposed Project would cause neither a new impact to occur, nor an increase in the severity of an impact previously disclosed.

The previously certified SEIR prepared for the THSP indicated that emergency access during buildout conditions would be significant and unavoidable as a result of future traffic congestion resulting from THSP implementation. THSP SEIR Mitigation Measures 4.12-1, 4.12-2a and 4.12-2b require payment of applicable impact fees, which would go toward development of planned facilities such as adequate emergency routes. The proposed Project would not require new mitigation and emergency access impacts are considered less than significant. This determination of less than significant impact is supported by the previously certified SEIR prepared for the THSP. The proposed Project would cause neither a new impact to occur, nor an increase in the severity of an impact previously disclosed.

As discussed in the THSP SEIR, Project applicants are required to work cooperatively with the City to modify and expand transit routes and pedestrian facilities as necessary and when feasible to efficiently accommodate demand. Projected transit route extensions were identified at the time of THSP adoption and future bus stop locations would be determined at the time of Tentative Subdivision Map approval.

The THSP includes design guidelines and elements to promote pedestrian circulation by creating pathways, linkages, and visual connections between buildings; and by including multiple connections to public sidewalks and pathways between buildings and areas throughout the THSP Area to foster connectivity. As discussed in the THSP SEIR, implementation of the THSP Project would result in potentially significant impacts to bicycle and pedestrian modes when developed.

Under cumulative conditions, the buildout of the proposed Project would not generate any greater trips compared to the previously approved THSP. The proposed Project would result in the construction of seven industrial buildings and would be built within the footprint of the THSP. The proposed Project would be required to achieve compliance with CIR-3 Policy P4 and P6 to improve bicycle and pedestrian improvement connections from the THSP to the Citywide Network when the road infrastructure is required as determined at approval of each final map or issuance of building permits by the City Engineer. Thus, the proposed Project would not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities any greater than already analyzed in the THSP SEIR. Further, the Project would not exceed the 2,588 AM peak hour trips identified in THSP Mitigation Measure 4.13-2, so the widening of Corral Hollow Road and Lammers Road would not be triggered by the Project. The proposed Project would cause neither a new impact to occur, nor an increase in the severity of an impact previously disclosed.

Mitigation Measures

THSP SEIR Mitigation Measures

Mitigation Measure 4.13-1b

The Project Applicant shall pay the JPA fees as mitigation for potential impacts to the BART System and BART Parking as indicated in the Settlement Agreement.

Mitigation Measure 4.13-2

To achieve compliance with CIR-3 Policy P4 and P6, the bicycle and pedestrian improvement connections from the THSP to the Citywide Network shall be implemented when the roadway infrastructure is required as determined at approval of each final map or issuance of building permits by the City Engineer. The pedestrian and bicycle facilities are included in the City of Tracy's typical cross sections and in the City TIF. Bicycle and pedestrian facilities within the THSP area shall be implemented with each building permit application/final map approval. Widening Corral Hollow Road and constructing and widening Lammers Road shall be in place when the project generates 2,588 AM peak hour trips.

Mitigation Measure 4.13-5a

As shown in Table 4.13-20, Existing Plus Project 2035 Intersection Delay & LOS Mitigations, the following mitigations are required to obtain acceptable LOS based on development of the Project as assumed for year 2035. Triggers based on the volume of traffic generated by the Project in year 2035 are identified in Table 4.13-68 at the end of the chapter:

- *Intersection #1 (Corral Hollow Road / I-580 EB Ramps) Signalize the intersection and widen the I-580 overcrossing to four through lanes. The northbound approach shall be reconstructed to include two northbound through lanes and a northbound right-turn lane. The southbound approach shall include two southbound through lanes and a southbound left-turn lane, and the eastbound approach shall include a shared eastbound through/right-turn lane and an eastbound left-turn lane. This mitigation is beyond the scope of improvements identified in the adopted TMP.*

  The Applicant has the option of constructing the I-580 interchange improvements only to the extent identified in the adopted TMP if the Applicant also implements the Lammers Interchange (as identified in the adopted TMP). Either of these options will fully mitigate the impact. The TMP improvement includes only the reconstruction of the northbound approach to include a northbound through lane and a shared northbound through/right turn lane. On the southbound approach, only the reconstruction to include a southbound left-turn lane and two southbound through lanes. And on the eastbound approach, only the reconstruction to include an eastbound left-turn lane, a shared eastbound left/through lane, and an eastbound right turn lane. This intersection shall be interconnected with Intersection #2: Corral Hollow Road / I-580 WB Ramps.

  The Applicant shall, in collaboration with the City Engineer and Caltrans, commence with a Project Study Report (PSR) for the interchange improvements for Corral Hollow Road and Lammers Road. The PSR shall commence immediately following the approval of this Project Application by the City of Tracy and the Interchange shall be improved when the project will generate its 2,588 AM peak hour trip, which would be generated by a mix of office, retail, industrial and residential land uses. The applicant shall submit a trip generation calculation with each building permit application and/or final map approval in collaboration with the City Engineer. If the trip generation indicates 2,588 AM peak hour trips or more, the interchange shall be improved before issuance of such building permit and/or final map approval. The intersection falls under Caltrans jurisdiction.

- *Intersection #2 (Corral Hollow Road/ I-580 WB Ramps) - Signalize the intersection, widen the I-580 overcrossing to four through lanes, and construct a westbound loop onramp to accommodate Project 2035 conditions. The northbound approach shall be reconstructed to include two northbound through lanes and two northbound right-turn lanes which lead to the loop on-ramp. The southbound approach shall include two southbound through lanes and one southbound right-turn lane, and the westbound approach shall include one shared westbound through/left-turn lane and one westbound right-turn lane. This mitigation is beyond the scope of improvements identified in the adopted TMP.*

The Applicant has the option of constructing the I-580 interchange improvements only to the extent identified in the adopted TMP if the Applicant also implements the Lammers Interchange (as identified in the adopted TMP). Either of these options will fully mitigate the impact. The TMP improvement includes only the reconstruction of the northbound approach to include a northbound left-turn lane and a northbound through lane. On the southbound approach, only the reconstruction to include a southbound right-turn lane and two southbound through lanes. And on the westbound approach, only the reconstruction to include a shared westbound through/left-turn lane and a channelized westbound right-turn lane. This intersection shall be interconnected with Intersection #1: Corral Hollow Road / I-580 EB Ramps.

The Applicant shall, in collaboration with the City Engineer and Caltrans, commence with a Project Study Report (PSR) for the interchange improvements for Corral Hollow Road and Lammers Road. The PSR shall commence immediately following the approval of this Project Application by the City of Tracy and the Interchange shall be improved when the project will generate its 2,588 AM peak hour trip, which would be generated by a mix of office, retail, industrial and residential land uses. The applicant shall submit a trip generation calculation with each building permit application and/or final map approval as directed by the City Engineer. If the trip generation indicates 2,588 AM peak hour trips or more, the interchange shall be improved before issuance of such building permit and/or final map approval. The intersection falls under Caltrans jurisdiction.

- *Intersection #3 (Corral Hollow Road /Spine Road) – Signalize the intersection and improve the northbound approach to include a northbound left-turn lane, two northbound through lanes, and a northbound right-turn lane. The southbound approach shall include two southbound left-turn lanes, two southbound through lanes, and a southbound right-turn lane. The eastbound approach shall include an eastbound left-turn lane, an eastbound through lane, and an eastbound right-turn lane. The westbound approach shall include two westbound left-turn lanes, a westbound through lane, and a westbound right-turn lane. The construction of Corral Hollow's approaches to four through lanes is within the scope of improvements identified in the adopted TMP, while Spine Road and the north and southbound turn lanes into the Project site from Corral Hollow Road are not, and thus, are the responsibility of the Applicant. If the Applicant chooses to also construct the Lammers Road Interchange, the mitigation decreases as follows: Construct the northbound approach to include a northbound right turn lane, a northbound through lane and a shared northbound through/right-turn lane. Construct the southbound approach to include a southbound left-turn lane, two southbound through lanes, and a southbound right-turn lane. The westbound approach shall be constructed to include a westbound left-turn lane, a westbound through lane, and a westbound right-turn lane. No decreased mitigations would be triggered for the eastbound approach. Either of these options will fully mitigate the impact. The intersection shall be improved at the issuance of the first building permit.*

- *Intersection #4 (Corral Hollow Road / Linne Road) – Signalize the intersection and reconstruct the northbound approach to include a northbound right-turn lane and a northbound through lane. The southbound approach shall include a southbound left-turn lane and a southbound through lane, and the westbound approach shall remain a shared westbound left/right-turn lane. This signal*

shall be interconnected with the controller at the railroad crossing and improvements shall be constructed at the railroad crossing gates Prior to approval of the first tentative map for the project, the City Engineer will identify which of the foregoing improvements, if any, are eligible for funding with the City's TIF funds. Approval of the railroad crossing improvements falls under the jurisdiction of UPRR and the CA PUC. The Applicant shall, in collaboration with the City Engineer and UPRR/CA PUC, commence with a preliminary and final design process for the intersection and railroad crossing improvements.

For those improvements determined by the City Engineer to be eligible for funding with City TIF funds, Applicant shall be responsible for paying its fair share of the costs of such improvements. For those improvements determined by the City Engineer not to be eligible for funding with City TIF funds, Applicant shall be responsible for paying the full costs of such improvements. The intersection shall be improved when the project will generate its 468 PM peak hour trips, which could be generated by a mix of office, retail, industrial and residential land uses. The applicant shall submit a trip generation calculation with each building permit application and/or final map approval as directed by the City Engineer. If the trip generation indicates 468 PM peak hour trips or more, the intersection shall be improved before issuance of such subsequent building permit and/or final map approval. Approval of the railroad improvements falls under the jurisdiction of UPRR and CA PUC.

- *Intersection #5 (Tracy Boulevard / Linne Road) – Signalize the intersection and reconstruct the southbound approach to include a shared southbound through/left-turn lane and a southbound right-turn lane. Construct the eastbound approach to include an eastbound left-turn lane and a shared eastbound through/right-turn lane. The westbound approach shall remain a shared westbound left/through/right-turn lane and the northbound approach shall remain a shared northbound through/left/right-turn lane. This signal shall be interconnected with the controller at the railroad crossing and improvements shall be constructed at the railroad crossing gates. Approval of the railroad improvements falls under the jurisdiction of UPRR and CA PUC. The applicant shall, in collaboration with the City Engineer and UPRR/CA PUC, commence with a preliminary and final design process for the intersection improvements.*

  Prior to approval of the first tentative map for the project, the City Engineer will identify which of the foregoing improvements, if any, are eligible for funding with the City's TIF funds. For those improvements determined by the City Engineer to be eligible for funding with City TIF funds, Applicant shall be responsible for paying its fair share of the costs of such improvements. For those improvements determined by the City Engineer not to be eligible for funding with City TIF funds, Applicant shall be responsible for paying the full costs of such improvements. The intersection shall be improved when the project will generate its 469 PM peak hour trips, which could be generated by a mix of office, retail, industrial and residential land uses. The applicant shall submit a trip generation calculation with each building permit application and/or final map approval as directed by the City Engineer. If the trip generation indicates 469 PM peak hour trips or more, the intersection shall be improved before issuance of such building permit.

- *Intersection #7 (Corral Hollow Road / Valpico Road) – Signalize the intersection and reconstruct the southbound, eastbound, and westbound approaches to each include a left turn lane and a shared through/right-turn lane. Reconstruct the northbound approach to include one left-turn lane, one through lane, and one right-turn lane. This improvement is a partial TMP improvement and shall be partially funded by the City TIF. The City Engineer shall, at the time the tentative map is prepared, identify the non-TMP improvements. The costs of the non-TMP improvements are the responsibility of the Applicant. The intersection shall be improved at the issuance of the first building permit.*

- *Intersection #9 (Corral Hollow Road / New Schulte Road) - Reconstruct the westbound approach to include a westbound left-turn lane, one westbound through lane and right turn lane, and one westbound right-turn lane. The northbound, southbound, and eastbound approaches are to remain as they are in Existing Conditions. Prior to approval of the first tentative map for the project, the City Engineer will identify which of the foregoing improvements, if any, are eligible for funding with the City's TIF funds. For those improvements determined by the City Engineer to be eligible for funding with City TIF funds, Applicant shall be responsible for paying its fair share of the costs of such improvements. For those improvements determined by the City Engineer not to be eligible for funding with City TIF funds, Applicant shall be responsible for paying the full costs of such improvements. The intersection shall be improved at the issuance of the first building permit.*

- *Intersection #10 (Lammers Road / Old Schulte Road) - Signalize the intersection and reconstruct the northbound approach to include a northbound left-turn lane and a northbound through lane. Reconstruct the southbound approach to include a southbound right-turn lane and a southbound through lane. The eastbound approach shall remain as it is in Existing Conditions. However, the City has established a CIP Project for this interim improvement and partial funds have already been collected from other development projects as fair share payments and these other development projects funded the addition of the northbound left-turn lane only. The Applicant shall fund the addition of the southbound right-turn lane and signal modifications required to accommodate Project 2035 Conditions.*

  Prior to approval of the first tentative map for the project, the City Engineer will identify which of the foregoing improvements, if any, are eligible for funding with the City's TIF funds. For those improvements determined by the City Engineer to be eligible for funding with City TIF funds, Applicant shall be responsible for paying its fair share of the costs of such improvements. For those improvements determined by the City Engineer not to be eligible for funding with City TIF funds, Applicant shall be responsible for paying the full costs of such improvements. The intersection shall be improved at the issuance of the first building permit. A portion of the ROW required for widening this intersection falls with San Joaquin jurisdiction.

- *Intersection #13 (Mountain House Parkway / I-580 EB Ramps) – Signalize the intersection. The City has approved the Medline, FedEx, and Building 1 and 2 projects which have been conditioned to implement this improvement to mitigate their respective impacts. With anticipated installation of*

the signal, the Project will have no additional impact at this intersection. This intersection falls under Caltrans jurisdiction.

- *Intersection #14 (Mountain House Parkway / I-580 WB Ramps) – Signalize the intersection. The City has approved the Medline, FedEx, and Building 1 and 2 projects which have been conditioned to implement this improvement to mitigate their respective impacts. With anticipated installation of the signal, the Project will have no additional impact at this intersection and thus the Applicant is not responsible for this mitigation. This intersection falls under Caltrans jurisdiction.*

- *Intersection #23 (Internal Intersection along S. Tracy Hills Road) – Signalize the intersection and construct the northbound approach to include a shared northbound through/left-turn lane and a channelized northbound right-turn lane. The southbound approach shall include dual southbound left-turn lanes and a shared southbound through/right turn lane. The eastbound approach shall include an eastbound left-turn lane and a shared eastbound through/right-turn lane. The westbound approach shall include a westbound left-turn lane, two westbound through lanes, and a westbound right-turn lane. This improvement is the responsibility of the Applicant and shall be implemented at the time this area and roadways develop, and before the first building permit for this area is issued.*

- *Intersection #36 (Corral Hollow Road / Tennis Lane) – Construct a median along Corral Hollow Road and allow only left –in's and right-in-right-out turns on both approaches of Tennis Lane. This improvement shall be added to the City TMP and TIF. The Project will have no impact after implementation of this improvement. The City shall implement this improvement.*

Mitigation Measure 4.13-5b

Construct the first two lanes of the future four lane arterial along Corral Hollow Road between Linne Road and the railroad tracks south of Golden Leaf Lane. Construct new street segments along Corral Hollow Road to a four lane arterial from S. Tracy Hills Road to Linne Road. This mitigation also requires the construction of Lammers Road as a four lane expressway/parkway between I-580 and Kimball High School. Operational analysis at the intersections of Corral Hollow Road with Linne Road and Valpico Road indicate that one through lane in each direction along Corral Hollow Road would maintain acceptable intersection LOS standards of D or better. Intersections govern street network operations in an urban environment, and the roadway segment capacity analysis omits intersection operations. Thus, widening of the street segments beyond the required capacity at the intersections is not required.

The construction of two lanes of the future four lane facility is required to extend the current design life of Corral Hollow Road. The portion of this widening between Linne and Golden Leaf Lane is a City project and fully funded by the City TIF. The Applicant shall, through payment of the City TIF, contribute its fair share towards this improvement. The roadway shall include either a Class I or a Class 2 bicycle facility and pedestrian facilities. Roadway improvements must be completed prior to the project generating 2,588 AM peak hour trips. Sections of Corral Hollow and Lammers Road fall within the jurisdiction of San Joaquin County. The Applicant shall, in collaboration with the City Engineer, UPRR/PUC, the Department of Reclamation, and San Joaquin County, commence with a preliminary

and final design process for the roadway improvements at the issuance of the first building permit for the Project.

Mitigation Measure 4.13-6a

As shown in Table 4.13-27, *Existing Plus Project Buildout Intersection Delay & LOS Mitigations* the following mitigations are required, triggers are identified in Table 4.13-68 at the end of the chapter:

- *Intersection #1 (Corral Hollow Road / I-580 EB Ramps) – Signalize the intersection and widen the I-580 overcrossing to four through lanes. In addition, reconstruct the eastbound approach to include an eastbound left-turn lane, a shared eastbound left/through lane, and two eastbound right-turn lanes. Reconstruct the northbound approach to include two northbound through lanes and a northbound right-turn lane. Reconstruct the southbound approach to include a southbound left-turn lane and two southbound through lanes to accommodate Project Buildout conditions. This mitigation is beyond the scope of improvements identified in the adopted TMP. The Applicant has the option of constructing the I-580 interchange improvements only to the extent identified in the adopted TMP if the Applicant also implements the Lammers Road Interchange (as identified in the adopted TMP). Either of these options will fully mitigate the impact. The TMP improvement includes only the reconstruction of the northbound approach to a northbound through lane and a shared northbound through/right-turn lane. On the southbound approach, only the reconstruction to a southbound left-turn lane and two southbound through lanes, and on the eastbound approach, the reconstruction to an eastbound left-turn lane, a shared eastbound left/through lane, and an eastbound right turn lane. This intersection shall be interconnected with Intersection #2: Corral Hollow Road / I-580 WB Ramps. The Applicant shall, in collaboration with the City Engineer and Caltrans, commence with a Project Study Report (PSR) for the interchange improvements when the Project Application is approved by the City of Tracy. The intersection falls under Caltrans jurisdiction.*

- *Intersection #2 (Corral Hollow Road / I-580 WB Ramps) - Signalize the intersection, widen the I-580 overcrossing to four through lanes and construct a westbound loop onramp. Reconstruct the northbound approach to include two northbound through lanes and two northbound right-turn lanes leading into the loop on-ramp. Reconstruct the southbound approach to include two southbound through lanes and a southbound right turn lane, and reconstruct the eastbound approach to include a shared eastbound through/left-turn lane and an eastbound right-turn lane to accommodate Project Buildout conditions. This mitigation is beyond the scope of improvements identified in the adopted TMP.*

  The Applicant has the option of constructing the I-580 interchange improvements only to the extent identified in the adopted TMP if the Applicant also implements the Lammers Road Interchange (as identified in the adopted TMP). Either of these options would fully mitigate the impact if timed concurrent with the triggers identified above. The TMP improvement includes only the reconstruction of the northbound approach to a northbound left-turn lane and a northbound through lane. On the southbound approach, the reconstruction to a southbound right-turn lane

and two southbound through lanes, and on the westbound approach, the reconstruction to a shared westbound through/left turn lane and a channelized westbound right-turn lane. This intersection is interconnected with Intersection #1: Corral Hollow Road / I-580 EB Ramps. The Applicant shall, in collaboration with the City Engineer and Caltrans, commence with a Project Study Report (PSR) for the interchange improvements. The intersection falls under Caltrans jurisdiction.

- *Intersection #13 (Mountain House Parkway / I-580 EB Ramps) – Refer to Mitigation 4.13-5a.*
- *Intersection #14 (Mountain House Parkway / I-580 WB Ramps) – Refer to Mitigation 4.13-5a.*

Mitigation Measure 4.13-6b

Implement Mitigation Measure 4.13-5b.

Mitigation Measure 4.13-7a

Mitigation measures below are feasible, but have no identified or committed funding mechanism, and thus the impact is considered *significant and unavoidable*. As shown in Table 4.13-40, *Cumulative Plus Project 2035 Intersection Delay & LOS Mitigations* the following mitigations are required, triggers are identified in Table 4.13-68 at the end of the chapter:

- *Intersection #35 (Linne Road / MacArthur Drive) – Signalize the intersection and reconstruct the southbound approach to include one southbound left-turn lane, one southbound through lane, and one southbound right-turn lane, reconstruct the eastbound approach to include an eastbound left-turn lane and a shared eastbound through/right turn lane, reconstruct the westbound approach to include a westbound left-turn lane, one westbound through lane, and one westbound right-turn lane. No additional lanes are required on the northbound approach. This signal shall be interconnected with the controller at the railroad crossing and improvements shall be constructed at the railroad crossing gates. This intersection falls under the jurisdiction of San Joaquin County and UPRR/ CA PUC and no CIP project is identified. The Applicant shall pay a fair share contribution to the improvement and the improvement shall be implemented by the time the Project generates 1,420 trips. The Applicant shall in collaboration with the City Engineer, UPRR/ CAPUC, and San Joaquin County, commence with a preliminary and final design process for the intersection improvements before issuance of the first building permit.*
- *Intersection #36 (Corral Hollow Road / Tennis Lane) – Signalize the intersection or construct a median along Corral Hollow Road and allow only left-ins and right-in-right-out turns on both approaches of Tennis Lane. This improvement shall be added to the City TMP and TIF. The Project will have no impact after implementation of this improvement. The City will implement the improvement as part of their CIP program.*

Mitigation Measure 4.13-8b

The Applicant shall pay the applicable City TIF, County TIF, SJCOG RTF, the JPA TIF, and any other applicable transportation fees that may be in place when individual projects are processed under the THSP in accordance with applicable laws and regulations.

Mitigation Measure 4.13-8d

The Applicant shall submit site-specific trip generation and traffic assignments to determine triggers warranting improvements as identified in the City TMP and this SEIR.

Mitigation Measure 4.13-9a

As shown in Table 4.13-28, *Existing Plus Buildout Intersection Delay & LOS Mitigations*, the following mitigations are required to obtain acceptable LOS.

- *Intersection #L1 (Greenville Road / Patterson Pass Road) - The City of Livermore has identified the installation of a signal at this intersection and the reconstruction of all approaches to include left-turn lanes. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.*

- *Intersection #L2 (Greenville Road /Tesla Road) - The City of Livermore has identified the installation of a signal at this intersection. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF partially to mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.*

- *Intersection #L3 (Concannon Boulevard / Livermore Avenue) - The City of Livermore has not identified any improvements at this intersection; however, optimization of signal timing improves the operating conditions to acceptable conditions. Per the Settlement Agreement, as referred to*

on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

- *Intersection #L5 (Isabel Avenue / Vallecitos Road) - The City of Livermore has identified the reconstruction of the westbound approach at the intersection to include a left-turn lane and a shared left/right-turn lane. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.*

Mitigation Measure 4.13-9b

Per the Settlement Agreement, as referred to on pages 4.13-6 through 4.13-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer. These roadways would continue to operate at unacceptable conditions.

Mitigation Measure 4.13-9c

Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644

for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer. The freeway would however continue to operate at unacceptable conditions.

Mitigation Measure 4.13-10a

As shown in Table 4.13-28, Existing Plus Buildout Intersection Delay & LOS, the following mitigations are required:

Intersection #L1 (Greenville Road / Patterson Pass Road) - Even with implementation of the identified improvements in Cumulative conditions, the intersection would continue to operate at an unacceptable LOS. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. The cumulative impact would not be fully mitigated through payment of the JPA TIF. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Intersection #L2 (Greenville Road / Tesla Road) - Even with implementation of the identified improvements in Cumulative conditions, the intersection would continue to operate at an unacceptable LOS. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. The cumulative impact would not be fully mitigated through payment of the JPA TIF. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Intersection #L4 (Isabel Avenue / Concannon Boulevard) - Even with implementation of the identified improvements in Cumulative conditions, the intersection would continue to operate at an unacceptable LOS. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually

by the Engineering News Record (ENR) index for road construction costs. The cumulative impact would not be fully mitigated through payment of the JPA TIF. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Mitigation Measure 4.13-10b

Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Mitigation Measure 4.13-10c

Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Mitigation Measure 4.13-14a

As shown in Table 4.13-60, Existing Plus Phase 1a Intersection Delay & LOS Mitigations the following mitigations are required to be installed by the Project Applicant, triggers are identified in Table 4.13-68 at the end of the chapter:

- *Intersection #1 (Corral Hollow Road / I-580 EB Ramps) – Install an all-way stop controlled intersection as an interim improvement once development is approved to generate 196 PM peak hour trips to mitigate the interim impact. Signalize the intersection at the time development is approved to generate 832 PM peak hour trips to accommodate Project Phase 1a conditions and fully mitigate their impact. This improvement is a partial TMP improvement and shall be partially funded by the City TIF. The City Engineer shall, at the time the tentative map is prepared, identify the non-TMP improvements. The costs of the non-TMP improvements are the responsibility of the*

Applicant. The Applicant shall, in collaboration with the City Engineer and Caltrans, commence with an Encroachment Permit application to install the all-way stop sign and signal immediately following the approval of this Project Application by the City of Tracy.

- *Intersection #3 (Corral Hollow Road / Spine Road) – Signalize the intersection and improve the northbound approach to include a northbound left-turn lane and one northbound through lane. The southbound approach to include one southbound through lane and one southbound right-turn lane, and the eastbound approach to include two eastbound left-turn lanes and one eastbound right-turn lane. The construction of Corral Hollow's approaches to four through lanes is within the scope of improvements identified in the adopted TMP, while Spine Road and the north and southbound turn lanes into the Project site from Corral Hollow are not, and thus, are the responsibility of the Applicant. The improvement shall be installed before issuance of the first certificate of occupancy.*

- *Intersection #4 (Corral Hollow Road / Linne Road) – Install a signal at the intersection that will have interconnect with the railroad crossing controller. Improvements shall be constructed at the railroad crossing gates. The signalization is a Public Utilities Commission requirement because vehicle queues will spill across the railroad tracks and will cause safety concerns for train traffic. The signal shall be installed when 396 PM peak hour trips would be generated by the Project. This improvement is a partial TMP improvement and shall be partially funded by the City TIF. The City Engineer shall, at the time the tentative map is prepared, identify the non-TMP improvements. The costs of the non-TMP improvements are the responsibility of the Applicant. The Applicant shall, in collaboration with the City Engineer and UPRR/PUC, commence with an engineering design process to install the improvements identified. This design shall commence immediately following the approval of this Project Application by the City of Tracy.*

- *Intersection #5 (Tracy Boulevard / Linne Road) – Reconstruct the eastbound approach to an eastbound left-turn lane and eastbound through lane, and the westbound approach to a westbound right-turn lane and westbound through lane. Allow the northbound and southbound approaches to remain as they are in existing conditions. This improvement is a partial TMP improvement and shall be partially funded by the City TIF. The City Engineer shall, at the time the tentative map is prepared, identify the non-TMP improvements. The costs of the non-TMP improvements are the responsibility of the Applicant. The Applicant shall, in collaboration with the City Engineer and UPRR/ CA PUC, commence with an engineering design process to install the improvements identified. This design process shall commence immediately following the approval of this Project Application by the City of Tracy.*

- *Intersection #7 (Corral Hollow Road / Valpico Road) – Signalize the intersection and reconstruct the southbound, eastbound, and westbound approaches to include a left-turn lane and a shared through/right-turn lane. Reconstruct the northbound approach to include one northbound left-turn lane, one northbound through lane, and one northbound right-turn lane. This improvement is a TMP improvement and shall be partially funded by the City TIF. The City has funding for the expansion of Corral Hollow Road to four lanes from Parkside Drive to Linne Road, including the*

improvement and signalization of the Valpico Road/Corral Hollow Road intersection. The City is proceeding and currently in the planning stage of the expansion and signalization project and expects to begin construction in 2016/2017. With anticipated road expansion and installation of the signal, the Project will have no additional impact at this intersection and thus the Applicant is not responsible for this mitigation.

- *Intersection #13 (Mountain House Parkway / I-580 EB Ramps) – Refer to Mitigation 4.13-5a.*
- *Intersection #14 (Mountain House Parkway / I-580 WB Ramps) – Refer to Mitigation 4.13-5a.*

Mitigation Measure 4.13-14b

The Applicant shall coordinate with the City Engineer to fund and implement the overlay of the existing two lanes of Corral Hollow Road between I-580 and Linne Road. Operational analysis at the intersection of Corral Hollow Road and Spine Road and Corral Hollow Road and Linne Road indicate that one through lane in each direction along Corral Hollow Road would maintain acceptable intersection LOS standards of D or better. Turn lanes will be provided at the intersection of Corral Hollow/Spine Road. Intersections govern street network operations in an urban environment, and the roadway segment capacity analysis omits intersection operations. Thus, widening of the street segments beyond the required capacity at the intersections is not required. The overlay of the two existing lanes is required to extend the current design life of Corral Hollow Road and is required before issuance of the first building permit. The roadway may include Class I or Class II bicycle and pedestrian facilities.

Mitigation Measure 4.13-14d

The Applicant shall provide roadways to the school that meet acceptable on and offsite storage for drop-off/pickup queuing per the City Engineer Standard Plans and requirements and / or tentative map, safety considerations, vehicular circulation, and bike and pedestrian access. Details are further specified in the Existing Plus Phase 1a Trip Generation section of this Draft SEIR.

Mitigation Measure 4.13-15a

- *Intersection #L1 (Greenville Road / Patterson Pass Road) - The City of Livermore has identified the installation of a signal at this intersection and the reconstruction of all approaches to include left-turn lanes. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs.*
- *Intersection #L2 (Greenville Road / Tesla Road) - The City of Livermore has identified the installation of a signal at this intersection. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant*

shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs.

- *Intersection #L5 (Isabel Avenue / Vallecitos Road) - The City of Livermore has identified the reconstruction of the westbound approach at the intersection to include a left-turn lane and a shared left/right-turn lane. With this improvement the intersection would operate at acceptable conditions. Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by no more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.*

Mitigation Measure 4.13-15b

Per the Settlement Agreement, as referred to on pages 6-9, the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Mitigation Measure 4.13-15c

Per the Settlement Agreement, (pages 6-9), the Applicant shall pay in 2014 dollars, $1,288 per residential unit to the JPA TIF to partially mitigate its impact. In addition, the Applicant shall pay $644 per residential dwelling unit paid at building permit issuance, said fee to be adjusted by not more than 2.5% per annum for increases in the cost of living as determined annually by the Engineering News Record (ENR) index for road construction costs. A dollar for dollar credit up to $644 for payment of the SJCOG fee and up to $644 for implementation of TDM measures will apply to these fees per the Settlement Agreement. The fee credit portion for TDM measures, shall be calculated at the time each building permit is issued as the project is constructed. The calculation of this fee credit shall be overseen by the City Engineer.

Mitigation Measure 4.13-15d

The Applicant shall provide roadways to the school meeting acceptable on and off-site storage for drop-off/pickup queuing, safety considerations, vehicular circulation, and bike and pedestrian access, per the City Standard Plans and /or Tentative Map. Details are further specified in the EIR. Though final school site design is subject to review and approval of the State Architect, prior to final Tentative Map approval and/or when the first student from Phase 1a attends either schools listed here, the Project Applicant shall demonstrate that the following planning and design considerations are addressed to the satisfaction of the City Engineer:

- *School driveways are located directly opposite proposed streets entering the residential neighborhood to maximize traffic and student safety*
- *Pedestrian and bicycle (Class I) paths, sidewalks, and crosswalks are provided*
- *A Safe Routes To School Program is initiated in coordination with the School District. The Safe Routes to School Program shall be funded by the Applicant.*
- *The Project applicant shall fund the development of a Traffic Management Plan that will be prepared to the satisfaction of the City Engineer, the Police Department, and the Jefferson School District for the interim conditions when additional traffic would be generated to the interim school adjacent to the Tracy Hills Elementary School. The Traffic Management Plan shall identify techniques (such as: assignment of a traffic control staff member from the school to flag and manage drop off and pick-up, to control efficient ingress and egress to the school site, and coning off lanes for efficient circulation) to maintain traffic and student safety, and provide efficient pick-up and drop off procedures. The Traffic Management Plan shall be implemented when the temporary school building opens up for attendance.*

Mitigation Measure 4.13-15e

The City shall work with Tom Hawkins Elementary School and Jefferson School District to develop a Traffic Management Plan for interim conditions. The Project Applicant shall fund the development of a Traffic Management Plan to the satisfaction of the City Engineer, the Police Department, the Tom Hawkins Elementary School and the Jefferson School District for the interim conditions when additional traffic would be generated to the school. The Traffic Management Plan shall identify techniques (such as: assignment of a traffic control staff member from the school to flag and manage drop off and pick-up, to control efficient ingress and egress to the school site, and coning off lanes for efficient circulation) to maintain traffic and student safety, and provide efficient pick-up and drop off procedures. The Traffic Management Plan shall be implemented when the first student from the Phase 1a area attend the Tom Hawkins Elementary School. The City Engineer shall approve the Traffic Management Plan.

Mitigation Measure 4.13-15f

The Applicant shall develop a Traffic Management Plan to the satisfaction of the City Engineer, Police Department, and the Jefferson School District for Interim Conditions which is inclusive of the determination of the modular school at the business park location.

Mitigation Measure 4.13-5g

The Applicant shall construct a Class I or a Class II bicycle facility and a pedestrian facility from Spine Road to connect to the existing bicycle and pedestrian facilities just north of Linne Road. This improvement shall be included in the expansion of the first two lanes of Corral Hollow Road as indicated in the TMP. This improvement shall be in place when the Project generates 2,588 AM peak trips. The Applicant may fund these improvements up front and enter into a reimbursement agreement with the City for a credit against their proportionate fair share of the improvement.

Additional 2025 Mitigation Measures

No additional mitigation measures are required.

Conclusion for Transportation/Traffic

Changes introduced by the proposed Project and/or new circumstances relevant to the project would not, as compared to the THSP SEIR, result in new significant impacts relating to transportation/traffic, or significant impacts that are substantially more severe than impacts previously disclosed. No new mitigation measures would be required.

In addition, there is no new information of substantial importance showing that the project would have one or more significant effects not previously discussed or that any previously examined significant effects would be substantially more severe than significant effects shown in the previous EIR. Nor is there new information of substantial importance showing (i) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative or (ii) that mitigation measures or alternatives considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects, but the proponents decline to adopt the mitigation measure or alternative. For these reasons, impacts related to transportation/traffic from the proposed Project would not require the preparation of a subsequent EIR.

CONCLUSION

This Consistency Analysis has been prepared in accordance with the provisions of the State CEQA Guidelines to document the finding that none of the conditions or circumstances that would require preparation of a subsequent EIR, pursuant to Sections 15162 and 15168 of the State CEQA Guidelines, exist in connection with the proposed Project. No major revisions would be required to the THSP SEIR prepared for the City of Tracy as a result of the proposed Project. No new significant environmental impacts have been identified. Since the certification of the THSP SEIR, there has been no new information showing that mitigation measures or alternatives once considered infeasible are now feasible or showing that there are feasible new mitigation measures or alternatives substantially different from those analyzed in the EIR that the City declined to adopt. Project implementation would not create significant environmental effects or create a substantial increase in the severity of previously identified significant effects. Therefore, pursuant to Section 15168(c)(2), the City determines that the proposed Project is within the scope of the development program evaluated in the THSP SEIR and no further environmental document is required. This document will be maintained in the administrative record files at City of Tracy City Hall.

Attachment A: Biological Resources Assessment

RECEIVED
March 18, 2021
City of Tracy
Development Services

Biological Resources Assessment

Tracy Hills Commerce Center, City of Tracy, San Joaquin County, California



Prepared For: Ridgeline Property Group
915 Highland Pointe Drive Suite 250
Roseville, California 95678

Report Date: March 16, 2021

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Environmental Consulting

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1 Introduction

The Ridgeline Property Group (Ridgeline and Applicant) proposes to develop the Tracy Hills Commerce Center project, consisting of seven (7) light industrial buildings totaling approximately 1.6 million square feet and the associated infrastructure, located on a 97.33 acre portion of the 194 acre site further described below (Project). The Project is located within the City of Tracy in San Joaquin County, California in the Tracy Hills Specific Plan Area. The Property as defined below is currently designated as Light Industrial.

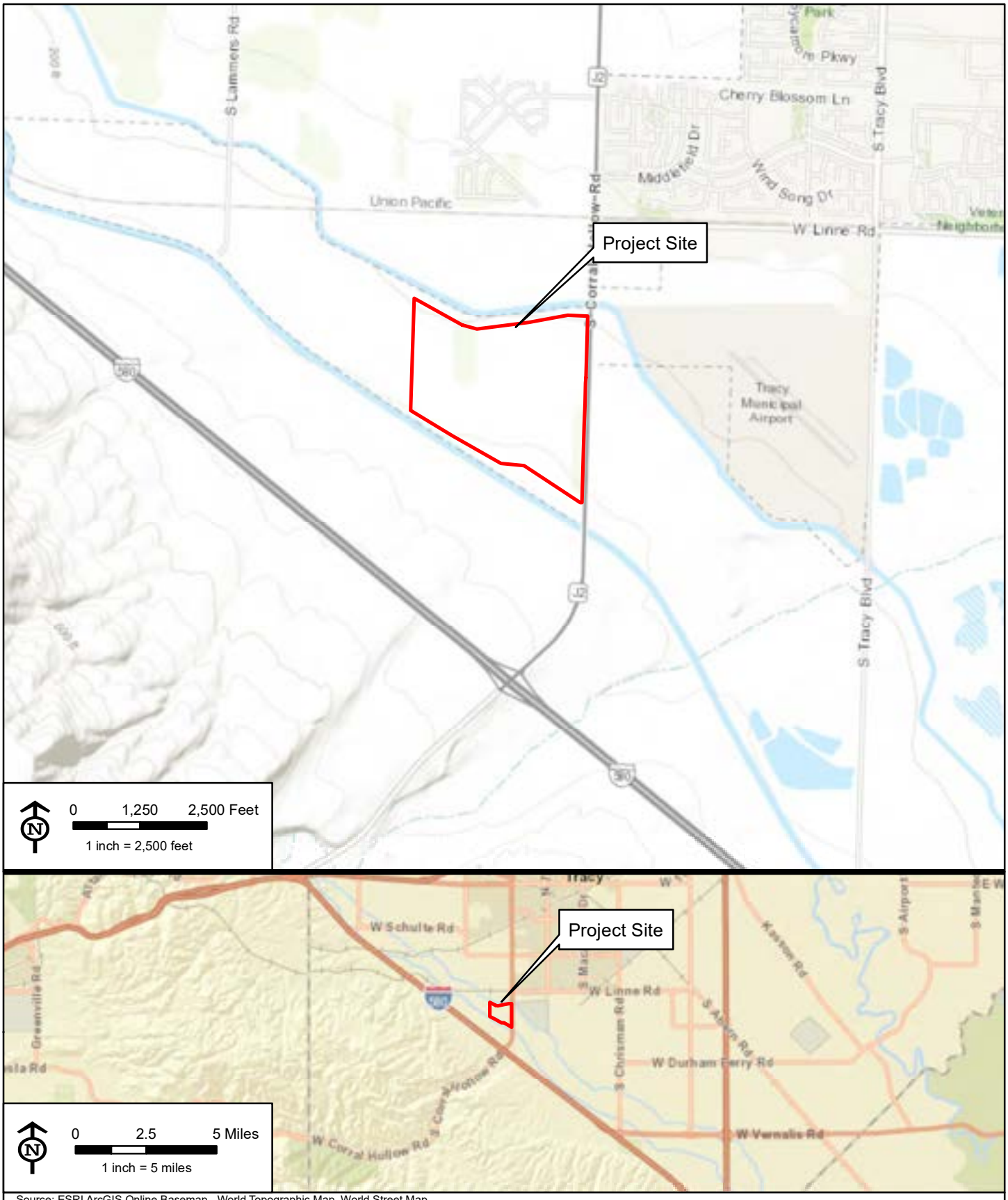
Ridgeline has requested a biological resources study to analyze the potential impacts of the Project on sensitive plants and wildlife species that may be present. This Biological Resources Assessment was prepared by Bargas Environmental Consulting (Bargas) to fulfill that request.

1.1 Project Location and Description

The proposed Project will be located on a portion 194 acres consisting of four parcels with the following assessor's parcel numbers (APN): 253-020-160, 253-020-170, 253-020-160, and 253-020-190 (the Property). The Property is located at 29592 Corral Hollow Road between the Delta-Mendota Canal and the California Aqueduct adjacent to the Tracy Municipal Airport within the City of Tracy, San Joaquin County, California. The location of the proposed Project and Property is shown in **Exhibit 1.** A detailed map of the proposed Project is provided as **Exhibit 2**. Ridgeline intends to place a new Tentative Map upon the Property, subdividing it into seventeen (17) parcels, of which nine (9) parcels will comprise the Project Ridgeline is seeking to entitle. The balance of the parcels will be reserved for future development by Ridgeline and the Property owner with entitlements for design review to be processed at a later date.

1.2 Biological Setting

The proposed Project and Property is located at the base of the transition from the floor of the Central Valley into the Diablo Range to the west. The Property area is bordered to the north by the Delta-Mendota Canal. Adjacent land use includes the Tracy Municipal Airport, aggregate mining, agricultural row crops, and residential housing development. The Property is currently a managed almond orchard surrounded by a fringe of ruderal vegetation.



Source: ESRI ArcGIS Online Basemap - World Topographic Map, World Street Map

Public Land Survey System (PLSS): Mount Diablo Meridian
Township 3S, Range 5E, Section 07

USGS Quad(s): Tracy (1978)

Watershed: San Joaquin Delta (18040003)

Project Site Coordinates: -121.459°, 37.687°

BARGAS Environmental Consulting

Exhibit 1
Project Site and Vicinity

Tracy Hills Commerce Center

Map Created: 02/24/2021, Map Revised: N/A, Bargas Project Number: 1355-21



Source: Bing Maps Hybrid accessed 2/25/2021

0 600 1,200 Feet

1 inch = 1,167 feet

BARGAS Environmental Consulting

Project Boundary

Exhibit 2
Site Map

Tracy Hills Commerce Center

Map Created:02/24/2021, Map Revised: N/A, Bargas Project Number: 1355-21

2 Methods

Bargas' assessment of biological resources on and in the vicinity of the Project site included two primary components: desktop analysis and a field survey. This section of this Biological Resources Assessment discusses the methods used for both components, as well as other considerations in the preparation of this report.

2.1 Desktop Analysis

2.1.1 Data Sources

Before conducting the field assessment of the Project site, Bargas biologists performed an initial review of literature and data sources to characterize the biological conditions on the Project site and to compile records of sensitive biological resources, including occurrences of special status species, in the Project vicinity. The following resources were reviewed before the field survey:

- U.S. Fish and Wildlife Service's (USFWS) *Information for Planning and Consultation* portal (IPaC; USFWS 2020a) for a list of federally listed species and designated critical habitat as provided by uploading a shapefile depicting the limits of the Project site;
- California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB) for special status species and habitat records within a 5-mile buffer of the Project site;
- Critical habitat (CH) layers provided by the USFWS to determine the occurrence of critical habitat for federally listed species within five miles of the Project site;
- USFWS National Wetlands Inventory (USFWS 2020b) to determine if surface waters and wetlands have been mapped on or adjacent to the Project site;
- National Resource Conservation Service (NRCS) soil survey maps and unit descriptions (NRCS 2020) to map and describe soil(s) on the Project site; and
- Google Earth Pro aerial map images of the Project site and the vicinity, including historical aerial images.

2.1.2 Special Status Designations Considered

A variety of agencies and respected non-profit organizations assess the conservation status of plant and wildlife species. The following designations are considered when discussing species in this assessment:

- **Federal:** Species listed as **Endangered (FE)**, **Threated (FT)**, or as a **Candidate (FC)** for listing as Endangered or Threatened under the Federal Endangered Species Act.
- **California:** Species listed as **Endangered (SE)**, **Threated (ST)**, or as a **Candidate (SC)** for listing as Endangered or Threatened under the California Endangered Species Act as well as species listed as **Fully Protected (FP)** or as a **California Species of Special Concern (SSC)**.
- **Plants Only:** Species listed in the California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants (CNPS 2020). CNPS status codes are described in Section 3.4.
- Any vegetation community, plant, or wildlife taxon with records in the area analyzed for the CNDDB.

2.2 Taxonomy and Nomenclature

Every effort was made to use naming standards that are recognized by the scientific community, with the understanding that – for many wildlife groups – scientists may not always agree on a standard source. Because of this, some common names used in this report may not be the same as those used by the underlying data sources

for species records. Bargas maintains a yearly-updated reference species list which uses the following taxonomic sources:

- **Birds** – American Ornithological Society Check-list and Supplements (AOS 1998).
- **Mammals** – The reference list in the California Department of Fish and Wildlife's *California Wildlife Habitats Relationships Database* (CDFW 2014), with updates based on the American Society of Mammalogists *Mammal Diversity Database*.(2020) .
- **Reptiles and Amphibians** – The technical website *californiaherps.com*, which is regularly-updated based on the latest taxonomic literature.
- **Fish** – *Common and Scientific Names of Fishes from the United States, Canada, and Mexico*, 7th edition (AFS 2013).
- **Invertebrates** – no naming standard was identified that was current and applicable to freshwater and terrestrial invertebrates. Names used by the underlying data sources when a species was first identified were retained.
- **Plants** – the Jepson eFlora (Jepson Flora Project 2020).
- **Vegetation Communities** – in general, special status vegetation community discussions are based on records in the CNDDB (CDFW 2020) and those names are retained. Otherwise, vegetation is assessed using both the *Manual of California Vegetation, Second Edition* (Sawyer et al. 2009) and *Preliminary Descriptions of the Terrestrial Natural Communities of California* (Holland 1986).

Birds have the most well-established naming standards of all taxonomic groups. These standards include instructions for the proper use of capitalization for common names in order to make clear that, for example, someone mentioning a Blue-winged Teal is referring to the species "Blue-winged Teal" and not any species of teal with blue wings. The capitalization standards used for birds have been used with other taxa as well throughout this report.

2.3 Field Survey

The Study Area corresponds to the Project site and a 100-foot buffer (**Exhibit 2**). A pedestrian survey was conducted by Bargas biologists Krystal Pulsipher and Bekah Christianson on November 2, 2020, from 10:30–13:30. Weather conditions were ideal for the survey with temperatures ranging from 55 to 70°F and light winds out of the southeast. The survey consisted of meandering transects through the Study Area to assess the current site conditions, characterize the vegetative communities present, document plant and wildlife species observed, and identify presence of pre-existing bird or raptor nests and habitat that could potentially support special-status species. Equipment used to conduct the survey included binoculars (Alpen 8x48) and the Solocator application for Android (version 2.35.21) on a Moto Z Droid cell phone.

The presence of wetlands or waterways was also assessed using a two-parameter modified US Army Corps of Engineers methodology. Where wetlands were suspected to be present based on suspect aerial signatures and conditions observed during the site assessment, the presence of hydrophytic vegetation and wetland hydrology were evaluated following the USACE protocol for the Arid West (USACE 1987, 2007, 2008a, 2008c). The locations of the wetland features were noted on aerial images of the Study Area. Mapped soil types in the Study Area were determined using the NRCS Web Soil Survey, Custom Soil Resource Report (NRCS 2020). Where present, the ordinary high water mark (OHWM) for all potential non-wetland waters of the U.S. present were delineated (USACE 2014a). Plant nomenclature followed *Jepson eFlora* (Jepson Flora Project 2020). The *2016 Regional*

Wetland Plant List for the Arid West (Lichvar et al. 2016) was used to determine the status of observed plants as wetland indicator species.

Wetland boundaries and waters of the U.S. within the Study Area were surveyed and mapped using an EOS Arrow 100 Global Positioning System (GPS) technology receiver paired with the EOS Tools Pro and Environmental Systems Research Institute (ESRI) Collector applications. This GPS system is capable of real-time differential correction and sub-meter accuracy. The GPS data were downloaded through ArcGIS Online and converted into ESRI shape file format. The geographic coordinate system used to reference the data was Universal Transverse Mercator (UTM–Zone 10), North American Datum (NAD83) in meters. Potential wetland boundaries were mapped at a level of accuracy of less than one meter. Data were overlaid on an aerial photograph (ESRI ArcGIS World Imagery 2018).

2.4 Assessing Potential Occurrence

Following the literature and database review and field survey, Bargas assessed the potential for the occurrence of special status species on the Project site and its immediate vicinity. This consisted of assessing the biological conditions (vegetation communities, wildlife habitats, disturbances) on the Project site and its immediate vicinity and reviewing the habitat and life cycle requirements of special status species known to occur in the Project vicinity (within five miles). The preliminary assessment included reviewing this information against criteria contained in the following occurrence categories:

- **Present:** Species is known to occur on the Project site, based on recent (within 30 years) CNDDB or other records, and there is suitable habitat present on the Project site, or the species was observed on the Project site during the field visit. The presence of bird species was distinguished further into those that could: 1) nest on the Project site; 2) forage on the Project site; and/or 3) occur on the Project site only as transients during migratory flights or other dispersal events.
- **High Potential:** Species is known to occur in the Project vicinity (based on recent [within 30 years] CNDDB or other records and/or based on professional expertise specific to the Project site or species, and there is suitable habitat on the Project site. Alternatively, there is suitable habitat on the Project site, and the Project site is within the known range of the species.
- **Moderate Potential:** Species is known to occur in the Project vicinity (based on recent [within 30 years] CNDDB or other records and/or based on professional expertise specific to the Project site or species, and there is marginally suitable habitat on the Project site. Alternatively, there is marginally suitable habitat on the Project site, and the Project site is within the known range of the species.
- **Low Potential:** Species is known to occur in the Project vicinity; however, there is only very poor quality habitat on the Project site. If the species occurs at the Project site, it would likely be as a migrant, and the species is not likely to reproduce (breed or nest) within the Project site due to a lack of suitable habitat or because the Project site is outside of their known breeding range.
- **No Potential**: There are no suitable habitat elements needed to support the species (e.g., foraging, breeding, elevation, hydrology, disturbance, substrate, etc.) within the Project site. Alternatively, the Project site may support suitable habitat components, but the Project site is well outside of the known distributional range for the species.

2.5 Delineation of Aquatic Resources

This survey and report have not been prepared in accordance with the Regulatory Division of the Sacramento District, USACE minimum standards (2016a). If required by the CEQA lead agency, a full aquatic resources delineation can be conducted following the manuals and guidance listed below to delineate waters of the U.S. and wetlands that are potentially subject to USACE jurisdiction under Section 404 of the CWA:

- *U.S. Army Corps of Engineers Wetlands Delineation Manual* (USACE 1987)
- *Regional Supplement to the U.S. Army Corps of Engineers Wetland Delineation Manual: Arid West (Version 2.0)* (USACE 2008a)
- *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual*. (USACE 2008b)
- *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al. 1979); and
- *U.S. Army Corps of Engineers Jurisdictional Determination Form Instructional Guidebook* (USACE 2007).

3 Regulatory Setting

This section describes the legal protections in place for biological resources found on the Project site. Important terms used to classify the status of resources are highlighted where used, as they will be used elsewhere in this assessment.

3.1 Federal

3.1.1 Federal Endangered Species Act

The Federal Endangered Species Act (FESA) is the federal government's tool to protect rare and declining plant and wildlife species. FESA is jointly implemented by the United States Fish and Wildlife Service and the National Marine Fisheries Service. FESA protects species using the following status designations:

- A federally **endangered** species is a species of invertebrate, plant, or wildlife formally listed by the U.S. Fish and Wildlife Service (USFWS) under FESA as facing extinction throughout all or a significant portion of its geographic range.
- A federally **threatened** species is one formally listed by the USFWS as likely to become endangered within the foreseeable future throughout all or a significant portion of its range.
- A **proposed** threatened or endangered species is one officially proposed by the USFWS for addition to the federal threatened or endangered species lists.

Other important designations include:

- **Candidate** species are "plants and animals for which the U.S. Fish and Wildlife Service has sufficient information on their biological status and threats to propose them as endangered or threatened under the Endangered Species Act, but for which development of a proposed listing regulation is precluded by other higher priority listing activities"[1].
- A **Species of Concern** is defined by the National Marine Fisheries Service as "a species or vertebrate population for which there is concern or great uncertainty about its status. Species of Concern are not listed or protected under the Endangered Species Act. Instead, one of the goals of identifying a Species of Concern is to take proactive measures to address conservation needs and hopefully prevent the species from needing protection under the Endangered Species Act"[2].

"Take" of a federally endangered or threatened species or its habitat is prohibited by federal law without a special permit. The term "take", under FESA, means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in such conduct. "Harm" is defined by the USFWS to encompass "an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering" (50 CFR § 17.3).

Section 10(a)(1)(B) of the FESA allows for take of a threatened or endangered species incidental to development activities once a Habitat Conservation Plan (HCP) has been prepared to the satisfaction of the USFWS and a Section 10(a) incidental take permit has been issued to the applicant. For federal projects (including those involving

[1] https://www.fws.gov/endangered/esa-library/pdf/candidate_species.pdf
[2] https://www.fisheries.noaa.gov/region/west-coast

federal funding), Section 7 of the ESA allows for consultation between the affected agency and the USFWS to determine what measures may be necessary to compensate for the incidental take of a listed species. A "federal" project is any project that is proposed by a federal agency or is at least partially funded or authorized by a federal agency. Additionally, if the listed species or its habitat occurs in a portion of the project subject to federal jurisdiction (such as "Waters of the United States"), then consultation under Section 7 of the Act is usually permissible and may be required.

FESA also requires the USFWS to consider whether there are areas of habitat essential to conservation for each listed species. **Critical habitat** designations protect these areas, including habitat that is currently unoccupied but may be essential to the recovery of a species. An area is designated as critical habitat after the Service publishes a proposed Federal regulation in the Federal Register and then receives and considers public comments on the proposal. The final boundaries of critical habitat are officially designated when published in the Federal Register.

3.1.2 Migratory Bird Treaty Act

The Migratory Bird Treaty Act of 1918 (MBTA) is a federal law governing the taking, killing, possession, transportation, and importation of various birds, their eggs, parts, and nests. The take of any number of a bird species listed as protected on any one of four treaty lists is governed by the MBTA's regulation of taking migratory birds for educational, scientific, and recreational purposes and requiring harvest to be limited to levels that prevent overutilization. The MBTA also prohibits the take, possession, import, export, transport, selling, purchase, barter, or offering for sale, purchase or barter, certain bird species, their eggs, parts, and nests, except as authorized under a valid permit (50 CFR 21.11).

3.1.3 Bald and Golden Eagle Protection Act

The Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c), enacted in 1940, and amended several times since then, prohibits anyone, without a permit issued by the Secretary of the Interior, from "taking" eagles, including their parts, nests, or eggs. The Act provides criminal penalties for persons who "take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof." The Act defines "take" as "pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb." For purposes of the guidelines, "disturb" means: “to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior." In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagle's return, such alterations agitate or bother an eagle to a degree that interferes with or interrupts normal breeding, feeding, or sheltering habits, and causes injury, death, or nest abandonment.

3.1.4 Clean Water Act and Waters of the United States

Wetlands are defined under 33 C.F.R. 328.3(b) as:

> *Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically*

adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

The limits of USACE jurisdiction in non-tidal waters extends to the Ordinary High Water Mark (OHWM) which is defined under 33 CFR 328.3(e) as:

…That line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impresses on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas (USACE 2008c).

Non-wetland features include:

…Upland and lowland areas that are neither deep water aquatic habitats, wetlands nor other special aquatic sites. They are seldom or never inundated, or if frequently inundated, they have saturated soils for only a brief period of time during the growing season. If these features are vegetated, they normally support species that are predominantly adapted to aerobic soil conditions (USACE 1987).

The US Environmental Protection Agency (EPA) and the Department of the Army published the "Navigable Waters Protection Rule" in the *Federal Registrar* on April 21, 2020, which officially went into effect on June 22, 2020. This rule redefines "Waters of the United States." The local USACE District will be consulted regarding potential changes to jurisdiction of waters identified in the Study Area.

3.2 State of California

3.2.1 California Environmental Quality Act

The California Environmental Quality Act (more commonly known by its acronym CEQA) was signed into law in 1970 shortly after the federal government codified the National Environmental Policy Act. CEQA requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of proposed projects, and to reduce those environmental impacts to the extent feasible. The laws and rules governing the CEQA process are contained in the CEQA statute (Public Resources Code Section 21000 and following), the CEQA Guidelines (California Code of Regulations, Title 14, Section 15000 and following), published court decisions interpreting CEQA, and locally adopted CEQA procedures.

3.2.2 California Fish and Game Code

Section 1600 et seq. – Lake and Streambed Alteration Agreement. Section 1600 provides provisions for protecting riparian systems, including the bed, banks, and riparian habitat of lakes, seasonal and perennial streams, and rivers. This section requires an applicant to notify CDFW and obtain a Lake and Streambed Alteration Agreement (LSAA) if their project would divert or obstruct the natural flow of any river, stream, or lake; change the bed, channel, or bank of any river, stream, or lake; use material from any river, stream, or lake; or deposit or dispose of material into any river, stream, or lake.

Section 2050 et seq. – California Endangered Species Act. The California Endangered Species Act (CESA) establishes the policy of the state to conserve, protect, restore, and enhance threatened or endangered species and their habitats. The CESA is administered by the California Department of Fish and Wildlife and prohibits the take of any species that the California Fish and Game Commission determines to be a threatened or endangered species. The

CESA also mandates that, "state agencies should not approve projects as proposed which would jeopardize the continued existence of any endangered species or threatened species," if reasonable and prudent alternatives are available that would avoid jeopardy. The CDFW administers the act and authorizes take through California Fish and Game Code Section 2081 Incidental Take Permits or through Section 2080.1 (for species also listed under FESA, consistency determination with Biological Opinion).

Section 3511 – Fully Protected Species. The legislature of the State of California designated certain species as "fully protected" prior to the creation of CESA. Section 3511 states that "fully protected" birds or parts thereof may not be taken or possessed at any time. Lists of fully protected species were initially developed to provide protection to those animals that were rare or faced possible extinction and included fish, mammals, amphibians and reptiles, and birds. Most fully protected species have since been listed as threatened or endangered under CESA and/or FESA.

Sections 3503, 3503.5, 3505, 3513 — Birds. These California Fish and Game Code sections protect all birds, birds of prey, and all nongame birds, as well as their eggs and nests, for species that are not already listed as fully protected and that occur naturally within the state. Sections 3503 and 3503.5 of the CFGC stipulate the following regarding eggs and nests: Section 3503 states that it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by CFGC or any regulation made pursuant thereto; and Section 3503.5 states that is it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by CFGC or any regulation adopted pursuant thereto. Section 3513 states that it is unlawful to take or possess any migratory nongame bird as designated in the MBTA or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the MBTA.

3.2.3 CDFW Special Animals List

"Special Animals" is a broad term used to refer to all the animal taxa tracked by the Department of Fish and Wildlife's California Natural Diversity Database (CNDDB), regardless of their legal or protection status. This list is also referred to as the list of "species at risk" or "special-status species." CDFW considers the taxa on this list to be those of greatest conservation need. In most cases, issues that will arise during construction will be associated with species protection under the MBTA and the California Fish and Game Code sections pertaining to native birds. Therefore, the management strategies presented in this Plan focus on those species protected under these regulations.

3.2.4 Clean Water Act and Waters of the State

Waters of the State are defined in 23 CCR §3831(w) as:

> *…surface water and water bodies defined by EPA regulations (e.g. 40 CFR §122.2). All waters of the United States in California are also "waters of the state" (defined by the Porter-Cologne Water Quality Control Act as "any surface water or ground water, including saline waters, within the boundaries of the state." [Water Code Section 13050(e)]). Not all waters of the state (e.g., ground water) are waters of the United States.*

The state Water Boards further define a wetland as:

An area is a wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation.

Waters of the state include natural wetlands; wetlands created by modification of a surface water of the state; and artificial wetlands that meet specific criteria.

3.3 Local Ordinances

3.3.1 San Joaquin County Multi-Species Habitat Conservation and Open Space Plan

The key purpose of the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan (SJMSCP or Plan), is to provide a strategy for balancing the need to conserve Open Space and the need to Convert Open Space to non-Open Space uses while protecting the region's agricultural economy; preserving landowner property rights; providing for the long-term management of plant, fish and wildlife species, especially those that are currently listed, or may be listed in the future, under the Federal Endangered Species Act or the California Endangered Species Act; providing and maintaining multiple-use Open Spaces which contribute to the quality of life of the residents of San Joaquin County; and accommodating a growing population while minimizing costs to Project Proponents and society at large.

The SJMSCP is intended to comprehensively minimize and mitigate impacts to plant, fish and wildlife habitat and compensation for some impacts to recreational, agricultural, scenic enjoyment and other beneficial Open Space uses resulting from the Conversion of 109,302 acres of Open Space to non-Open Space uses projected to occur between 2001 and 2051.

3.3.2 City of Tracy General Plan, 2011

The City of Tracy General Plan (General Plan) published February 1, 2011 has several goals and policies that pertain to the protection of biological resources. Below is a list of the goals and policies that are in place to protect sensitive ecological resource areas. Those vegetation and wildlife policies that pertain to the plant communities and wildlife habitats include:

Goal LU-6: Land development that mitigates its environmental, design and infrastructure impacts.

- Objective LU-6.1 Minimize the impact of industrial development or aggregate mining on adjacent uses.
    - Policy P1. New industrial or mining uses shall be designed to not adversely impact adjacent uses, particularly residential neighborhoods, with respect to, but not limited to, noise, dust and vibration, water quality, air quality, agricultural resources and biological resources.

3.3.3 City of Tracy Sustainability Action Plan

The City of Tracy adopted a Sustainability Action Plan on February 1, 2011 in order to create a detailed, long-range strategy to achieve sustainability in the sectors of greenhouse gas (GHG) emissions, energy, transportation and land use, solid waste, water, agriculture and open space, biological resources, air quality, public health, and economic development. Collectively, addressing community development through these lenses will strengthen Tracy as a place that is attractive, prosperous, and adaptive to social, political, and environmental changes.

Sustainability targets and measures are included for each section of the Sustainability Action Plan. Targets and measures pertaining to biological resources are listed below:

Section 4: Targets for Biological Resources

Within the biological resources sector, this Sustainability Action Plan aims to achieve the following:

- Target #12: Any loss of critical habitat corridors is mitigated through the Habitat Conservation Plan or other appropriate mitigation.

Section 5: Measures for Biological Resources

BIO-1: Setbacks and Buffers Along Riparian and Critical Habitat Corridors Require that new development provide setbacks and buffers along riparian and critical habitat corridors, unless the setback or buffer is already included in the riparian or critical habitat corridor. Where disturbance is unavoidable, provide on-site habitat mitigation or mitigation elsewhere in the county in accordance with SJCOG's Habitat Conservation Plan or other appropriate mitigation.

- The primary benefit of this measure would be to conserve biological resources.

BIO-2: Consistency with Federal, State and Regional Regulations for Habitat and Species Protection Continue to require that new development meet all federal, State and regional regulations for habitat and species protection.

- The primary benefit of this measure would be to conserve biological resources.

BIO-3: Native Landscaping Require that new development incorporate native vegetation into landscape plans, where appropriate, and reduce the use of invasive, non-native plant species.

1. Primary Benefits The primary benefit of this measure would be to conserve water.
2. Secondary Benefits The secondary benefit of this measure would be to conserve biological resources.

BIO-4: San Joaquin County Habitat Conservation Plan Continue to participate in, implement and enforce the San Joaquin County Habitat Conservation Plan.

- The primary benefit of this measure would be to conserve biological resources.

BIO-5: Stormwater Best Management Practices Require best management practices for stormwater in all significant development projects in accordance with City Standards.

- The primary benefit of this measure would be to conserve biological resources.

BIO-6: Joint Use of Retention and Detention Facilities Require that retention and detention facilities be designed for joint use, such as recreation and environmental stewardship, where feasible.

1. Primary Benefits The primary benefit of this measure would be to conserve biological resources.
2. Secondary Benefits The secondary benefit of this measure would be to expand open space.

BIO-7: Sustainable Storm Drainage Design Where feasible, require that storm drainage design be integral to the design of each project and mimic the undeveloped natural hydrologic conditions of the watershed while providing for flood protection and/or water quality control needs where feasible.

- The primary benefit of this measure would be to conserve biological resources.

3.4 California Native Plant Society

While not a government agency, the California Native Plant Society is a statewide resource conservation organization that has developed an inventory of California's special-status plant species that is highly regarded by the agencies and biologists. This inventory is a summary of information on the distribution, rarity, and endangerment of California's vascular plants. Rare or potentially rare plant species are ranked using the following system:

- 1A: Plants Presumed Extirpated in California and Either Rare or Extinct Elsewhere.
- 1B: Plants Rare, Threatened, or Endangered in California and Elsewhere
- 2A: Plants Presumed Extirpated in California, But Common Elsewhere
- 2B: Plants Rare, Threatened, or Endangered in California, But More Common Elsewhere
- 3: Plants About Which More Information is Needed - A Review List
- 4: Plants of Limited Distribution - A Watch List

After each rarity ranking, there is also a threat ranking:

- 0.1-Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- 0.2-Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
- 0.3-Not very threatened in California (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

4 Biological & Aquatic Resources

4.1 Vegetation Communities

4.1.1 General

The Project area consists of an actively managed almond orchard surrounded by ruderal vegetation and the banks of the Delta-Mendota Canal and California Aqueduct levees (see **Figure 1**). As a result of the Project area consisting almost entirely of orchard crops and the lack of vegetation community diversity, a vegetation map was not created for the Project area. The native vegetation within the Project area and adjacent is best categorized as ruderal and with significant introgression by non-native plant species. Soils are Capay clay, 0 – 1% slopes MLRA 17; Zacharias clay loam, 0-2% slopes; and Zacharias gravelly clay loam, 0-2% slopes (NRCS 2020). Plant species observed in the Project area are described in Section 4.2.



Figure 1. View of orchard edge along the southern edge of the Project area at the toe of the California Aqueduct levee.

4.1.2 Sensitive Vegetation Communities

No sensitive vegetation communities were identified as occurring within five miles of the Project site during the desktop analysis and none were observed during surveys.

4.2 Plants

4.2.1 General

Observed plant diversity was relatively low, however, it is important to note that the survey was not conducted during the blooming period for most annual plants. Plant species observed during the survey were almond (*Prunus dulcis* var.), Fiddleneck (*Amsinckia sp.*), Cheeseweed (*Malva parviflora*), and Black Walnut (*Juglans nigra*). None of the species detected during the survey are considered sensitive or special status by CDFW, USFWS, or CNPS.

4.2.2 Special Status Plants

No special status plant species were determined to be Present, or to have a High or Moderate Potential to be present in the Project area. Four species were determined to have Low Potential, and one species was determined to have No Potential to occur in the Project area. The ecology of all these species and their potential for occurrence are discussed below. All natural history information provided in the species accounts is derived from the California Native Plant Society *Inventory of Rare and Endangered Plants* (CNPS 2020).

4.2.2.1 Low Potential

The following four special status plant species were determined to have a Low Potential to occur on the Project site:

Large-flowered Fiddleneck (*Amsinckia grandiflora*)

Inclusion Source(s):	IPaC, CNDDB
Special Status:	Federal and State Endangered, CRPR 1B.1
Lifeform:	Annual herb.
Blooming Period:	(March) April to May.
Habitat:	Cismontane Woodland, and Valley and Foothill Grassland at elevations of 270-550 meters.
Reason for Determination:	While the Project area provides potential habitat for this species, this species is unlikely to occur because of extensive site disturbance.

Big Tarplant (*Blepharizonia plumosa*)

Inclusion Source(s):	CNDDB
Special Status:	CRPR 1B.1
Lifeform:	Annual herb.
Blooming Period:	July to October.
Habitat:	Clay soils in Valley and Foothill Grassland at elevations of 30-505 meters.
Reason for Determination:	While the Project area provides potential habitat for this species, this species is unlikely to occur because of extensive site disturbance.

Diamond-petaled California Poppy (*Eschscholzia rhombipetala*)

Inclusion Source(s):	CNDDB
Special Status:	CRPR 1B.2
Lifeform:	Annual herb.
Blooming Period:	March to April.

Habitat:	Valley and foothill grassland (alkaline, clay soils) at elevations of 0-975 meters.
Reason for Determination:	While the Project area provides soils suitable for this species, it is unlikely to occur because of extensive site disturbance.

Showy golden Madia (*Madia radiata*)

Inclusion Source(s):	CNDDB
Special Status:	CRPR 1B.1
Lifeform:	Annual herb.
Blooming Period:	March to May.
Habitat:	Cismontane Woodland, Valley and Foothill Grassland at elevations of 25-1215 meters.
Reason for Determination:	While the Project area provides potential habitat for this species, this species is unlikely to occur because of extensive site disturbance.

4.2.2.2 No Potential

The following species was determined to have No Potential to occur in the Project area.

Caper-fruited Tropidocarpum (*Tropidocarpum capparideum*)

Inclusion Source(s):	CNDDB
Special Status:	CRPR 1B.1
Lifeform:	Annual herb.
Blooming Period:	March to April.
Habitat:	Valley and Foothill Grassland, alkaline hills at elevations of 1-455 meters.
Reason for Determination:	The Project area does not contain alkaline soils and is unlikely to occur because of extensive site disturbance.

4.3 Wildlife

4.3.1 General

Wildlife observed during Bargas' survey included four mammal species and 19 bird species. These species are listed below.

4.3.1.1 Mammals

Mammals observed were Botta's Pocket Gopher (*Thomomys bottae*), California Ground Squirrel (*Otospermophilus beecheyi*), Coyote (*Canis latrans* - deceased), and Black-tailed Jackrabbit (*Lepus californicus*). Other unidentified small mammal burrows were also observed (**Figure 2**).

4.3.1.2 Birds

Bird species observed were Common Merganser (*Mergus merganser*), Bufflehead (*Bucephala albeola*), Killdeer (*Charadrius vociferus*), Red-tailed Hawk (*Buteo jamaicensis*), Turkey Vulture (*Cathartes aura*), Prairie Falcon (*Falco mexicanus*), American Kestrel (*Falco sparverius*), Rock Pigeon (*Columba livia*), Mourning Dove (*Zenaida macroura*), Anna's Hummingbird (*Calypte anna*), Northern Flicker (*Colaptes auratus*), Common Raven (*Corvus corax*),

California Scrub-Jay (*Aphelocoma californica*) , White-crowned Sparrow (*Zonotrichia leucophrys oriantha*), Say's Phoebe (*Sayornis saya*), Black Phoebe (*Sayornis nigricans*), Golden-crowned Sparrow (*Zonotrichia atricapilla*), Brewer's Blackbird (*Euphagus cyanocephalus)*, and Western Meadowlark (*Sturnella neglecta*).



Figure 2. Small mammal burrows in the landside slope of the California Aqueduct levee, to the south and outside of the Project area.

4.3.2 Special Status Wildlife

No special status wildlife species were determined to be Present. One species, Burrowing Owl (*Athene cunicularia*) has a High Potential to be present in the Project area. Areas of potentially suitable nesting habitat for this species on the bank of the California Aqueduct, outside the Project area boundary, are discussed below. One species, San Joaquin Kit Fox (*Vulpes macrotis mutica*) was determined to have a Moderate Potential, five species were determined to have Low Potential, and fifteen species were determined to have No Potential to occur in the Project area. The ecology of all these species and their potential for occurrence are discussed below. All natural history information provided in the species accounts below is derived from the California Wildlife Habitat Relationships database (CDFW 2014) except where noted.

4.3.2.1 High Potential

The following special status wildlife species were determined to have Moderate Potential to occur on the Project site:

Burrowing Owl (*Athene cunicularia*)

Inclusion Source(s):	CNDDB, presence of suitable habitat
Special Status:	Species of Special Concern
Habitat & Distribution:	A yearlong resident of open, dry grassland and desert habitats, and in grass, forb and open shrub stages of Pinyon-Juniper and Ponderosa Pine habitats. Formerly common in appropriate habitats throughout the state, excluding the humid northwest coastal forests and high mountains. Numbers markedly reduced in recent decades. Present on the larger offshore islands. Found as high as 1600 meters (5300 feet) in Lassen County.
Reason for Determination:	CNDDB records indicate 27 records within 5 miles of the project area, including well documented records from the last 10 years. Additionally, numerous burrow complexes were observed along the landside bank of the California Aqueduct levee (Exhibit 3) with accumulated whitewash around the burrows and on adjacent concrete and woody debris consistent with burrowing owl occupation. Although no burrowing owls or castings were observed, suitable nesting habitat occurs on the landside bank of the California Aqueduct levee immediately adjacent to, but outside, the Project area boundary. The adjacent agricultural land use and surrounding grasslands provide suitable foraging habitat.

4.3.2.2 Moderate Potential

The following special status wildlife species were determined to have Moderate Potential to occur on the Project site:

San Joaquin Kit Fox (*Vulpes macrotis mutica*)

Inclusion Source(s):	CNDDB
Special Status:	Federal Endangered, State Threatened
Habitat & Distribution:	Uncommon to rare, permanent resident of arid regions of the southern Central Valley. Occurs in annual grasslands or grassy open stages of vegetation dominated by scattered brush, shrubs, and scrub.
Reason for Determination:	CNDDB records describe observations within 0.5 mile of the project site, including at the Tracy Municipal Airport. Despite the age of the CNDDB records, ranging between 1973 and 1991, the species is presumed extant in the area and could potentially forage in or traverse through the project site.

4.3.2.3 Low Potential

The following five special status wildlife species were determined to have Low Potential to occur on the Project site:

Crotch Bumble Bee (*Bombus crotchii*)

Inclusion Source(s):	CNDDB

Special Status:	State Candidate, Endangered
Habitat & Distribution:	In California, Crotch bumble bees historically occurred on the Pacific coast and in the western desert, Central Valley, and adjacent foothills of California. The current range of this species in California is from coastal California to the Sierra-Cascade Crest. The species occurs in grasslands and shrublands in southern to central California, with occasional records in the northern portion of the state. Like all bumble bees, the species requires floral resources, and undisturbed nest sites and overwintering sites (Xerces Society 2020).
Reason for Determination:	Though almond orchards provide suitable floral resources; little is known about hibernacula of this species and is thus difficult to assess the suitability of the Project area.

California Glossy Snake (*Arizona elegans occidentalis*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern
Habitat & Distribution:	This snake is common throughout southern California especially in desert regions. Lesscommon to the north, glossy snakes occur in the interior Coast Ranges as far as Mount Diablo in Contra Costa Co. Glossy snakes are most common in desert habitats but also occur in chaparral, sagebrush, valley-foothill hardwood, pine-juniper, and annual grass. Elevation from below sea level to 1830 meters
Reason for Determination:	The foothills of the Diablo range provide suitable habitat for this species. However, the Project area does not contain suitable habitat. Adjacent areas of annual grasslands surrounding the site are marginally suitable for this species.

Swainson's Hawk (*Buteo swainsoni*)

Inclusion Source(s):	CNDDB
Special Status:	State Threatened
Habitat & Distribution:	Uncommon breeding resident and migrant in the Central Valley, Klamath Basin, Northeastern Plateau, Lassen County and Mojave Desert. Breeds in stands with few trees in juniper-sage flats, riparian areas, and in oak savannah in the Central Valley. Forages in adjacent grasslands or suitable grain or alfalfa fields, or livestock pastures.
Reason for Determination:	Swainson's Hawks nest either in solitary trees or in groups of trees along waterways, but always near grasslands and open agricultural fields (e.g. alfalfa, rice, cereal crops) where they forage. No trees suitable for foraging exist in the project area. Additionally, Swainson's hawk typically forage in grasslands or agricultural areas dominated by row crops such as hay or millet; orchard crops are not suitable foraging habitat.

Tricolored Blackbird (*Agelaius tricolor*)

Inclusion Source(s):	CNDDB
Special Status:	State Threatened

Habitat & Distribution:	Common locally throughout Central Valley and in coastal districts from Sonoma Co. south. Breeds near fresh water, preferably in emergent wetland with tall, dense cattails or tules, but also in thickets of willow, blackberry, wild rose, tall herbs. Feeds in grassland and cropland habitats.
Reason for Determination:	The wetland habitat in the Project area does not have the typical characteristics associated with occupancy by this species. The site is lacking tall emergent wetland vegetation of the requisite density for breeding. However, the Project area is adjacent to suitable foraging habitat and may see transient individuals of the species.

American Badger (*Taxidea taxus*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern
Habitat & Distribution:	Found in drier open shrub, forest, and herbaceous habitats with friable soils Uncommon but widely distributed across the Central Valley.
Reason for Determination:	Habitat at the Project site is marginally suitable along the ruderal fringe of the almond orchard. However, the compacted soils of the orchard and adjacent levees make it unlikely the species would be more than a transient.

4.3.2.4 No Potential

The following sixteen special status wildlife species were determined to have No Potential to occur on the Project site:

Valley Elderberry Longhorn Beetle (*Desmocerus californicus dimorphus*)

Inclusion Source(s):	IPaC, CNDDB
Special Status:	Federal Threatened
Habitat & Distribution:	Shasta to Madera counties below 200m elevation in riparian areas that support its host plant, elderberry (*Sambucus sp.*). Elderberry is the obligate larval host plant for this species and is most often found in riparian forest.
Reason for Determination:	No elderberry plants were observed in the Project area.

San Bruno Elfin Butterfly (*Callophrys mossii bayensis*)

Inclusion Source(s): I	PaC
Special Status:	Federal Endangered
Habitat & Distribution:	Found in coastal mountains near San Francisco Bay on steep north-facing slopes that receive little direct sunlight.
Reason for Determination:	No habitat for this species is present in the Project area.

Vernal Pool Fairy Shrimp (*Branchinecta lynchi*)

Inclusion Source(s):	IPaC
Special Status:	Federal Threatened

Habitat & Distribution:	This small crustacean is found primarily in vernal pools and seasonal wetlands in California and Oregon from Tulare County, California north to Jackson County, Oregon (USFWS 2020d).
Reason for Determination:	No habitat for this species is present in the Project area.

Vernal Pool Tadpole Shrimp (*Lepidurus packardi*)

Inclusion Source(s):	IPaC
Special Status:	Federal Endangered
Habitat & Distribution:	California and southern Oregon in ephemeral freshwater habitats, including alkaline pools, clay flats, vernal lakes, vernal pools, vernal swales, and other seasonal wetlands.
Reason for Determination:	No habitat for this species is present in the Project area.

Delta Smelt (*Hypomesus transpacificus*)

Inclusion Source(s):	IPaC
Special Status:	Federal Threatened, State Endangered
Habitat & Distribution:	Delta Smelt are found only from the Suisun Bay upstream through the Delta in Contra Costa, Sacramento, San Joaquin, Solano and Yolo counties. Their historic range is thought to have extended from Suisun Bay upstream to at least the city of Sacramento on the Sacramento River and Mossdale on the San Joaquin River (USFWS 2020e).
Reason for Determination:	No habitat for this species is present in the Project area.

Western Spadefoot (*Spea hammondii*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Consern
Habitat & Distribution:	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands. Vernal pools are essential for breeding and egg-laying.
Reason for Determination:	No suitable vernal pool habitat was observed in the Project area.

Foothill Yellow-legged Frog (*Rana boylii*)

Inclusion Source(s):	CNDDB
Special Status:	State Endangered, Species of Special Concern
Habitat & Distribution:	Occurs in the Coast Ranges from the Oregon border south to the Transverse Ranges in Los Angeles County, in most of northern California west of the Cascade crest, and along the western flank of the Sierra south to Kern County. Isolated populations are also known from the mountains of Los Angeles County. Its elevation range extends from near sea level to 1940 meters (6370 feet) in the Sierra. The Foothill Yellow-legged Frog is found in or near rocky streams in a variety of habitats, including Valley-Foothill Hardwood, Valley-Foothill Hardwood-Conifer, Valley-Foothill Riparian, Ponderosa Pine, Mixed Conifer, Coastal Scrub, Mixed Chaparral, and Wet Meadow types.
Reason for Determination:	All CNDDB occurrences listed as Extirpated.

California Red-legged Frog (*Rana draytonii*)

Inclusion Source(s):	CNDDB, IPaC, Critical Habitat
Special Status:	Federal Threatened, Species of Special Concern
Habitat & Distribution:	The California Red-legged Frog inhabits quiet pools of streams, marshes, and occasionally ponds. Occurs along the Coast Ranges from Mendocino County south and in portions of the Sierra Nevada and Cascade ranges, usually below 1200 meters (3936 feet). This species was once a subspecies of *Rana aurora*, then known as the Red-legged Frog, and has been elevated to species-level status.
Reason for Determination:	No habitat for this species is present in the Project area.

California Tiger Salamander (*Ambystoma californiense*)

Inclusion Source(s):	CNDDB, IPaC
Special Status:	Federal Threatened, State Threatened
Habitat & Distribution:	Most commonly found in Annual Grassland habitat, but also occurs in the grassy understory of Valley-Foothill Hardwood habitats, and uncommonly along stream courses in Valley-Foothill Riparian habitats. The species occurs from near Petaluma, Sonoma County, east through the Central Valley to Yolo and Sacramento counties and south to Tulare County; and from the vicinity of San Francisco Bay south to Santa Barbara County. They occur at elevations from 3 meters up to 1,054 meters (3,200 feet).
Reason for Determination:	No habitat for this species is present in the Project area.

Northwestern Pond Turtle (*Actinemys marmorata*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern
Habitat & Distribution:	*Actinemys* species are uncommon to common in suitable aquatic habitat throughout California, west of the Sierra-Cascade crest and absent from desert regions, except in the Mojave Desert along the Mojave River and its tributaries. Elevation range extends from near sea level to 1430 meters (4690 feet). Associated with permanent or nearly permanent water in a wide variety of habitat types. Western Pond Turtle was split into two species in 2014, with *A. marmorata* ranging from the Central Valley north.
Reason for Determination:	No habitat for this species is present in the Project area.

Giant Gartersnake (*Thamnophis gigas*)

Inclusion Source(s):	IPaC
Special Status:	Federal Threatened, State Threatened
Habitat & Distribution:	Historically ranged in the Sacramento and San Joaquin valleys. Its current range is much reduced, and it is apparently extirpated south of Fresno County except for western Kern County. Primarily associated with marshes and sloughs, less with slow-moving creeks, and absent from larger rivers. Active from mid-March until October.
Reason for Determination:	No habitat and no CNDDB occurrences in analyzed area.

Coast Horned Lizard (*Phrynosoma blainvillii*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern
Habitat & Distribution:	Occurs in the Sierra Nevada foothills from Butte County to Kern County and throughout the central and southern California coast. Found in a variety of habitats, including valley foothill hardwood, coastal sage scrub, and annual grasslands.
Reason for Determination:	No suitable habitat is preset in the Project area.

Golden Eagle (*Aquila chrysaetos*)

Inclusion Source(s):	CNDDB
Special Status:	Fully Protected
Habitat & Distribution:	Nests and forages in a variety of open habitats across the state, including grassland, shrubland, and cropland; most common in foothill habitats; rare foothill breeder; nests in cliffs, rock outcrops, and large trees.
Reason for Determination:	Though the adjacent Diablo Range foothills and buttes are potentially suitable nesting habitat, no suitable nesting or foraging habitat is present in the Project area.

Least Bell's Vireo (*Vireo bellii pusillus*)

Inclusion Source(s):	CNDDB
Special Status:	State and Federal Endangered
Habitat & Distribution:	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2000 feet. Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis sp., and mesquite.
Reason for Determination:	No suitable nesting or foraging habitat is present in the Project area.

Townsend's Big-eared Bat (*Corynorhinus townsendii*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern
Habitat & Distribution:	Townsend's Big-eared Bat is found throughout California, but the details of its distribution are not well known. This species is found in all but subalpine and alpine habitats, and may be found at any season throughout its range. Roost habitat includes caves, mines, tunnels, buildings, and large tree/snag cavities. Once considered common, Townsend's Big-eared Bat now is considered uncommon in California. It is most abundant in mesic habitats.
Reason for Determination:	No habitat for this species is present in the Project area. The only CNDDB record is from 1956.

Pallid Bat (*Antrozous pallidus*)

Inclusion Source(s):	CNDDB
Special Status:	Species of Special Concern

Habitat & Distribution:	The Pallid Bat is a locally common species of low elevations in California. It occurs throughout California except for the high Sierra Nevada from Shasta to Kern counties, and the northwestern corner of the state from Del Norte and western Siskiyou counties to northern Mendocino County. The species occupies a wide variety of habitats, including grasslands, shrublands, woodlands, and forests from sea level up through mid-elevation mixed conifer forests. The species is most common in open, dry habitats with rocky areas for roosting including caves, rock crevices, mines, tree/snag cavities, buildings, and bridges. A yearlong resident in most of the range.
Reason for Determination:	While species occurs in a wide range of habitats, the single CNDDB record is over 60 years old. No suitable habitat was observed in the project area.

4.4 Wildlife Movement & Habitat Corridors

Effects on wildlife movement are an important consideration when assessing the potential impacts of any project. At a small enough scale, any project or activity can potentially affect the movement of wildlife if any wildlife are present at all. In general, however, the term "wildlife movement corridor" means an area of habitat that is important for the movement of wildlife between larger habitat areas. Wildlife movement corridors are important for maintaining population levels and genetic diversity. Given the significant anthropogenic development present in the Project area, there is not expected to be significant wildlife movement in the Project area's present state. Given the generally low level of development and expansive surrounding agricultural land adjacent to the Project area, changes to the land use in the Project area are not expected to be significant impediments to wildlife movement. The introduction of paved or otherwise hardscaped surfaces, fencing, structures, or other physical barriers may represent impediments to wildlife movement through the site. However, the Project area does not represent a unique habitat type and is surrounded by similar land uses.

4.5 Nesting Birds

Bird species protected by the Migratory Bird Treaty Act can occur almost anywhere, including disturbed and heavily landscaped areas. Indeed, planting of orchard crops such as almond can encourage nesting by species that may not otherwise be present in the area, such as Red-tailed Hawks and House Finches (*Haemorhous mexicanus*). There is a high probability of Migratory Bird Treat Act-protected species nesting within 300 feet of the limits of the proposed Project, a distance generally accepted by the agencies for which impacts to nest success are likely to occur.



Source: Bing Maps Hybrid

0 300 600 Feet

1 inch=667 feet

BARGAS Environmental Consulting

Surveyor Name: Bekah Christianson
Map Date: 02/26/2021
Map Author: Daniela Zepeda
Date Revised: N/S
Aerial Source: Bing Maps Hybrid accessed 02/26/2021
Coordinate System:
NAD 1983 State Plane Zone 3 (US Feet)

- Project Boundary
- Bio Species Occurrence
- California Ground Squirrel Potential Burrows Area

Exhibit 3
Biological Resources Evaluation Map

Tracy Hills Commerce Center

Map Created:02/26/2021, Map Revised: N/A, Bargas Project Number: 1355-21

4.6 Aquatic Resources

One man-made irrigation ditch was observed within the Study Area (**Inset 3 of Exhibit 4; Figure 3**), located along the southern border of the Study Area. The feature is approximately 3 feet wide and contains chunks of concrete debris, presumably material that had lined the ditch at an unknown period of time. Other debris, such as vegetative trimmings, was also observed in some sections of the feature including a section that appeared to be mostly filled with soil (area between the two mapped lines). No indicators of hydrophytic vegetation, wetland hydrology, or OHWM were observed and the feature appears to be isolated, therefore, this feature is unlikely under the jurisdiction of USACE or RWQCB.



Figure 3. Remnants of a man-made irrigation ditch, looking east.









Source: Bing Maps Hybrid

0 300 600 Feet

1 inch = 667 feet

BARGAS Environmental Consulting

Surveyor Name: Bekah Christianson
Map Date: 02/26/2021
Map Author: Daniela Zepeda
Date Revised: N/S
Aerial Source: Bing Maps Hybrid accessed 02/26/2021
Coordinate System:
NAD 1983 State Plane Zone 3 (US Feet)

Project Boundary
Culvert
Concrete culvert
Other Waters
Ditch
Drainage Catchment Basin
Roadside Drainage Swale

Exhibit 4
Aquatic Resources Delineation Map

Tracy Hills Commerce Center

Map Created:02/26/2021, Map Revised: N/A, Bargas Project Number: 1355-21

There were three other general areas beyond the Study Area limits where man-made features were observed and mapped. A roadside drainage swale was observed adjacent to and parallel to South Corral Hollow Road outside the northeast corner of the Study Area (**Inset 2 of Exhibit 4; Figure 4**). This feature appears isolated, lacks vegetation and OHWM indicators, though contains a wetland hydrology indicator (soil cracks) and an accumulation of fine sediment. For the reasons described above, this feature is unlikely to be under the jurisdiction of USACE or RWQCB.



Figure 4. Roadside drainage swale outside the northeast Study Area corner, looking south.

Two similar man-made drainage ditch features were observed beyond the northern Study Area border, one near the northwest corner and one near the northeast corner (**Insets 1 and 2 of Exhibit 4; Figures 5 and 6**). Neither feature exhibited hydrophytic vegetation or OHWM indicators, but did contain a wetland hydrology indicator (soil cracks) and an accumulation of fine sediment. Both features discharge to the Delta Mendota Canal to the north through concrete culverts that pass under an access road. For the reasons described above, these features are unlikely under the jurisdiction of USACE or RWQCB.

The last man-made feature was observed beyond the western portion of the southern Study Area border (**Inset 4 of Exhibit 4**). This feature is a catchment basin at the end of a culvert and was inaccessible due to a fence and was mapped via desktop. Per aerial imagery, the culvert appears to lead to a pipe that crosses over the California Aqueduct to what appears to be upland habitat.



Figure 5. A short man-made drainage ditch present outside the northwest Study Area corner, looking north.



Figure 6 .A short man-made drainage ditch present outside the northeast Study Area corner, looking south.

5 Summary

The majority of the Project area consists of a managed almond orchard surrounded by a ruderal fringe dominated by non-native annuals. A total of 28 special status plant and animal species were identified during the desktop review of the Project area, five plant species and 23 wildlife species. The high levels of disturbance associated with actively managed orchard crops do not maintain the conditions required for many special status plants. Though the levees bordering the Project area to the north and south and the perimeter fringe of ruderal landcover surrounding the orchard are dominated by non-native annual plant species, there is a low potential for four of the special status plant species to occur (Section 4.2.2.1). Surveys were not conducted during the appropriate bloom period for those species which precluded any positive identification. Additional surveys appropriately timed to coincide with the bloom period of the four species with a low potential to occur would increase the likelihood of detecting these species, if present.

The two special status wildlife species with a high or moderate potential to occur include Burrowing Owl and San Joaquin Kit Fox.

- Burrowing Owl has a high potential to occur due to the proximity of existing CNDDB records as well as observations during pedestrian surveys of the site. Bargas biologists observed a number of burrow complexes on the bank and along the landside toe of the California Aqueduct levee, outside of the Project area boundary to the south. These burrows were likely created by Botta's Pocket Gopher and California Ground Squirrel. Biologists noted areas of avian excrement accumulation (whitewash) adjacent to and within the burrow complexes. The presence of suitable burrows and whitewash may indicate current or past use of these borrows by Burrowing Owl. The surrounding agricultural land uses and annual grasslands provide suitable foraging habitat for this species. As both suitable nesting and foraging habitat for Burrowing Owl are present, there is a high potential that this species may occur within or immediately adjacent to the project area.
- San Joaquin Kit Fox is a wide ranging species with a well-documented history of occurrences near the project area. The determination of a moderate potential to occur is based on the proximity to known occurrences, the presence of small mammal prey species, and the high level of motility common with this species. Though no suitable denning burrows were observed during surveys of the Project area, it is possible that San Joaquin Kit Fox may forage within or transit through the Project area.

The remaining five species with a low potential to occur (Section 4.3.2.3) have only marginally suitable habitat within the project area. The proximity to other areas of suitable habitat may make these species uncommon visitors to the Project area but are unlikely to reproduce or forage there regularly. As such, a determination of low potential to occur is appropriate for Swainson's Hawk, Tricolored Blackbird, American Badger, California Glossy Snake, and Crotch Bumblebee. It should be noted that these species have recorded occurrences within 5 miles of the Project area and have some, albeit low, potential to occur.

Aquatic resources in the Project area are limited to anthropogenic drainage features including culverts, catchment basins, and roadside drainage swales (Section 4.6). These human-created features lack key wetland indicators including hydrophytic vegetation, wetland hydrology, or evidence of an ordinary high water mark. None of these features are likely to fall under the jurisdiction of USACE or RWQCB. All aquatic features were identified in the ruderal margin of the Project area; no aquatic features were identified within the orchard.

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Appendix A. Special Status Species Summary

The following table summarize the potential for occurrence of all special status plant and wildlife species identified during the desktop analysis described in the Section 2.1. The Source column refers to the data sources described in the Section 2.1.1. Status codes are summarized in Section 2.1.2. The columns 0-1, 1-2.5, and 2.5-5 show the number of records of each species in the California Natural Diversity Database occurring within a given mile radius of the Project site.

Common Name	Scientific Name	Source	0-1	1-2.5	2.5-5	Status	Occurrence
PLANTS							
Large-flowered Fiddleneck	*Amsinckia grandiflora*	CNDDB, IREP			1	FE, SE, 1B.1	Low Potential
Big Tarplant	*Blepharizonia plumosa*	CNDDB, IREP			11	1B.1	Low Potential
Diamond-petaled California Poppy	*Eschscholzia rhombipetala*	CNDDB, IREP			1	1B.1	Low Potential
Showy Golden Madia	*Madia radiata*	CNDDB, IREP			1	1B.1	Low Potential
Caper-fruited Tropidocarpum	*Tropidocarpum capparideum*	CNDDB, IREP		1	2	1B.1	No Potential
TERRESTRIAL INVERTEBRATES							
San Bruno Elfin Butterfly	*Callophrys mossii bayensis*	IPaC	-	-	-	FE	No Potential
Valley Elderberry Longhorn Beetle	*Desmocerus californicus dimorphus*	IPaC, CNDDB	-	-	2	FT	No Potential
Crotch Bumble Bee	*Bombus crotchii*	CNDDB		--	1	SC	Low Potential
AQUATIC INVERTEBRATES							
Vernal Pool Fairy Shrimp	*Branchinecta lynchi*	IPaC	-	-	-	FT	No Potential
Vernal Pool Tadpole Shrimp	*Lepidurus packardi*	IPaC	-	-	-	FE	No Potential
FISH							
Delta Smelt	*Hypomesus transpacificus*	IPaC	-	-	-	FT, SE	No Potential
AMPHIBIANS							
Foothill Yellow-legged Frog	*Rana boylii*	CNDDB	-	1	1	SE, SSC	No Potential
California Red-legged Frog	*Rana draytonii*	IPaC, CNDDB	-	2	9	FT, SSC	No Potential
Western Spadefoot	*Spea hammondii*		-	-	2	SSC	No Potential
California Tiger Salamander	*Ambystoma californiense*	IPaC, CNDDB	-	1	4	FT, ST	No Potential
REPTILES							
Coast Horned Lizard	*Phrynosoma blainvillii*	CNDDB	-	-	8	SSC	No Potential
California Glossy Snake	*Arizona elegans occidentalis*	CNDDB	-	1	5	SSC	Low Potential

Common Name	Scientific Name	Source	0-1	1-2.5	2.5-5	Status	Occurrence
Giant Gartersnake	*Thamnophis gigas*	IPaC, CNDDB	-	-	-	FT, ST	No Potential
Northwestern Pond Turtle	*Actinemys marmorata*	CNDDB	-	1	-	SSC	No Potential
BIRDS							
Golden Eagle	*Aquila chrysaetos*	CNDDB	-	-	1	FP	Low Potential
Swainson's Hawk	*Buteo swainsoni*	CNDDB	-	-	3	ST	Low Potential
Burrowing Owl	*Athene cunicularia*	CNDDB	-	5	22	SSC	High potential
Least Bell's Vireo	*Vireo bellii pusillus*	CNDDB	-	1	1	FE, SE	No Potential
Tricolored Blackbird	*Agelaius tricolor*	CNDDB	-	-	1	ST, SSC	Low Potential
MAMMALS							
Pallid Bat	*Antrozous pallidus*	CNDDB	-	-	1	SSC	No Potential
San Joaquin Kit Fox	*Vulpes macrotis mutica*	CNDDB	-	6	4	FE, ST	Moderate Potential
American Badger	*Taxidea taxus*	CNDDB	-	1	5	SSC	Low Potential

Appendix B. Project Design Plans

Aerial Map



Tabulation

	BLDG 1	BLDG 2	BLDG 3	BLDG 4	BLDG 5	BLDG 6	BLDG 7	FUTURE PHASE	PUBLIC STREET	COMMERCIAL	TOTAL
SITE AREA											
In s.f.	812,626	581,763	771,101	769,747	751,884	294,630	347,666	3,426,199	327,600	636,805	8,429,948 s.f.
In acres	18.66	13.36	17.70	17.67	16.11	6.65	8.21	78.65	7.53	14.62	148.36 ac
BUILDING AREA											
Office	17,000	20,000	20,000	20,000	10,000	10,000	12,000				109,000 s.f.
Warehouse	173,500	233,000	326,500	326,500	241,200	93,000	130,500				1,524,200 s.f.
TOTAL	190,500	253,000	346,500	346,500	251,200	103,000	142,500				1,633,200 s.f.
COVERAGE	31.1%	43.5%	44.9%	45.7%	33.8%	40.4%	36.8%				19.4%
AUTO PARKING REQUIRED											
Office @ 1/250 S.F.	68	80	80	80	40	40	48				396 Stalls
Warehouse 1st 20K @ 1/1,000 S.F.	20	20	20	20	20	20	20				80 Stalls
2nd 20K @ 1/2,000 S.F.	10	10	10	10	10	10	10				40 Stalls
Above 40K @ 1/4000 S.F.	33	48	72	72	30	13	23				156 Stalls
TOTAL	131	158	182	182	120	83	101				484 Stalls
AUTO PARKING PROVIDED											
Standard (9' x 20')	134	196	374	376	122	83	116				1,401 stalls
TRAILER PARKING PROVIDED											
Trailer (10' x 55')	51	56	77	77	41	0	0				302 stalls
ZONING ORDINANCE FOR CITY											
Zoning Designation - Light Industrial											
MAXIMUM BUILDING HEIGHT ALLOWED											
Height - 45'											
MAXIMUM FLOOR AREA RATIO											
FAR - no limit											
LANDSCAPE REQUIREMENT											
Percentage - to be verify											
SETBACKS											
Front: 20'-0" Min.											
side: No Requirements, except where adjoining a residential zone, in which case a side yard of 15'-0" shall be required											
Rear: No requirement											

	COMMERCIAL								
	PG&E FACILITY	LOT 1	LOT 2	LOT3	LOT 4	PG&E FACILITY	LOT5	LOT6	TOTAL
SITE AREA									
In s.f.	4,875	100,201	99,595	106,223	98,401	6,000	113,826	107,564	636,805 s.f.
In acres	0.11	2.30	2.29	2.44	2.26	0.14	2.62	2.47	15 ac



Tracy Hills Commerce Center

29592 S. Corral Hollow Road

Tracy, CA

HPA architecture

RIDGELINE PROPERTY GROUP

Job No. 20176.00 | CONCEPTUAL COLOR SITE PLAN | 12.21.2020

TITLE EXCEPTION NOTES

NOTE: THE FOLLOWING ITEMS CONTAINED IN SCHEDULE "B" OF THE HEREON REFERENCED PRELIMINARY TITLE REPORT ARE NOT A MATTER OF SURVEY: 1–5, 8–11, 14 AND 17–21.

(6) THE EFFECTS OF AN EASEMENT FOR PIPE LINES, TELEPHONE LINES, AND TELEGRAPH LINES AND INCIDENTAL PURPOSES IN FAVOR OF VALLEY PIPE LINE COMPANY, RECORDED MARCH 9, 1915 IN BOOK G, VOLUME 31 OF DEED, AT PAGE 312, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY COUNTY.

SAID DOCUMENT WAS QUITCLAIMED BY THE DOCUMENT ENTITLED "QUITCLAIM OF EASEMENT", RECORDED FEBRUARY 28, 1975 IN BOOK 3958 AT PAGE 267, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY. (NOTHING TO PLOT.)

REFERENCE IS MADE TO THE SUBJECT DOCUMENTS FOR PARTICULARS.

(7) THE EFFECTS OF AN EASEMENT FOR PIPE LINES AND INCIDENTAL PURPOSES IN FAVOR OF PACIFIC GAS AND ELECTRIC COMPANY, RECORDED JANUARY 8, 1930 IN BOOK 309, AT PAGE 66, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY.

SAID EASEMENT WAS MODIFIED BY THAT CERTAIN DOCUMENT FILED FOR RECORD ON JULY 13, 1933 IN BOOK 404, AT PAGE 431, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY.

SAID EASEMENT WAS FURTHER MODIFIED BY THAT CERTAIN DOCUMENT FILED FOR RECORD ON MARCH 11, 1947 IN BOOK 1012, AT PAGE 278, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY.

SAID EASEMENT WAS FURTHER MODIFIED BY THAT CERTAIN DOCUMENT FILED FOR RECORD ON JUNE 26, 1992, AS INSTRUMENT NO. 92073312, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY, AND RE–RECORDED AUGUST 20, 1992 AS INSTRUMENT NO. 92096456, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY. (THE LOCATION OF SAID EASEMENT HAS BEEN PLOTTED HEREON.)

REFERENCE IS MADE TO THE SUBJECT DOCUMENTS FOR PARTICULARS.

(12) THE EFFECTS OF AN EASEMENT FOR THE CONSTRUCTION AND MAINTENANCE OF VALVES OTHER SUCH DEVICES FOR METERING, REGULATING AND DISCHARGING GAS INTO THE ATMOSPHERE, ALONG WITH THE RIGHT OF INGRESS TO AND EGRESS FROM SAID EASEMENT AREA OVER AND ACROSS SAID LANDS BY MEANS OF ROADS AND LANES THEREON AND INCIDENTAL PURPOSES IN FAVOR OF PACIFIC GAS AND ELECTRIC COMPANY, RECORDED JUNE 1, 2017 AS INSTRUMENT NO. 2017–061858, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY. (THE LOCATION OF SAID EASEMENT HAS BEEN PLOTTED HEREON.)

REFERENCE IS MADE TO THE SUBJECT DOCUMENT FOR PARTICULARS.

(13) THE EFFECTS OF AN EASEMENT FOR THE CONSTRUCTION AND MAINTENANCE OF VALVES OTHER SUCH DEVICES FOR METERING, REGULATING AND DISCHARGING GAS INTO THE ATMOSPHERE, ALONG WITH THE RIGHT OF INGRESS TO AND EGRESS FROM SAID EASEMENT AREA OVER AND ACROSS SAID LANDS BY MEANS OF ROADS AND LANES THEREON AND INCIDENTAL PURPOSES IN FAVOR OF PACIFIC GAS AND ELECTRIC COMPANY, RECORDED DECEMBER 1, 2017 AS INSTRUMENT NO. 2017–140490, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY. (THE LOCATION OF SAID EASEMENT HAS BEEN PLOTTED HEREON.)

REFERENCE IS MADE TO THE SUBJECT DOCUMENT FOR PARTICULARS.

(15) THE EFFECTS OF THE FOLLOWING EASEMENTS IN FAVOR OF THE CITY OF TRACY AS OFFERED FOR DEDICATION AND ACCEPTED ON THAT CERTAIN PARCEL MAP FILED FOR RECORD ON NOVEMBER 21, 2019, IN BOOK 26 OF PARCEL MAPS AT PAGE 153, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY:

A) ACCESS, SANITARY SEWER, STORM DRAIN, PUBLIC UTILITY AND WATER EASEMENTS PURPOSES. (PLOTTED HEREON)
B) IRREVOCABLE OFFER OF DEDICATION FOR PUBLIC RIGHT OF WAY. (PLOTTED HEREON)

REFERENCE IS MADE TO THE SUBJECT MAP FOR PARTICULARS.

(16) THE FACT THAT THAT CERTAIN PARCEL MAP FILED FOR RECORD ON NOVEMBER 21, 2019, IN BOOK 26 OF PARCEL MAPS AT PAGE 153, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY, SHOWS A FUTURE FOUR LANE MAJOR ARTERIAL WITH MEDIAN (99' R/W MIN) PER TRACY HILLS SPECIFIC PLAN (FOR INFORMATIONAL PURPOSES ONLY)

REFERENCE IS MADE TO THE SUBJECT MAP FOR PARTICULARS.

GENERAL NOTES

1. ALL DISTANCES SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.
2. APN: 253–020–160, 253–020–170, 253–020–180 AND 253–020–190
3. THIS SURVEY WAS PREPARED FROM INFORMATION FURNISHED IN A PRELIMINARY TITLE REPORT, PREPARED BY OLD REPUBLIC TITLE INSURANCE COMPANY DATED AS OF APRIL 22, 2020, ORDER NUMBER 1231002229–DC, FURNISHED TO KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC BY RIDGELINE PROPERTY GROUP ON MAY 1, 2020. NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID REPORT THAT MAY AFFECT THE TITLE LINES, OR EXCEPTIONS, OR EASEMENTS OF THE PROPERTY.
4. BASIS OF BEARINGS:
THE BEARING OF SOUTH 00° 22' 08" WEST TAKEN ON THE SECTION LINE OF CORRAL HOLLOW AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD ON NOVEMBER 21, 2019, IN BOOK 26 OF PARCEL MAPS AT PAGE 153, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON. ALL DISTANCES ARE GROUND DISTANCES UNLESS OTHERWISE NOTED; MULTIPLY BY 0.9999388 TO OBTAIN GRID DISTANCES
5. PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY. SUBSURFACE STRUCTURES, IF ANY, ARE NOT SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, SLABS, SHORING, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, AND ANY OTHER SUBSURFACE STRUCTURES NOT REVEALED BY A SURFACE INSPECTION.
6. THERE APPEARS TO BE A LINE OF POLES ON THE SUBJECT PROPERTY THAT SERVICE THE SOUTHERLY ADJOINER PROPERTY. THE HEREON REFERENCE TITLE REPORT IS SILENT TO ANY EASEMENTS OR AGREEMENTS FOR SAID LINE OF POLES.
7. THERE APPEARS TO BE A PUMP STATION ON THE SUBJECT PROPERTY THAT APPEARS TO BENEFIT THE DELTA MENDOTA CANAL. THE HEREON REFERENCED TITLE REPORT IS SILENT TO ANY EASEMENTS OR AGREEMENTS FOR SAID PUMP STATION.
8. THE AVIATION ZONES FOR THE TRACY MUNICIPAL AIRPORT HAVE BEEN SHOWN PER THE COUNTYWIDE AIRPORT LAND USE COMPATIBILITY PLAN DATED AS OF JUNE 25, 2009 AND AMENDED JANUARY 2018, PROVIDED TO KIER AND WRIGHT ON AUGUST 28, 2020 BY HP ARCHITECTS.
9. THE IMAGE SHOWN HEREON WAS OBTAINED FROM GOOGLE EARTH ON AUGUST 28, 2020 WITH AN IMAGE DATE OF FEBRUARY 11, 2020. SAID IMAGE IS SHOWN FOR REFERENCE PURPOSES ONLY AND MAY NOT ACCURATELY SHOW EXISTING CONDITIONS.

2016 ALTA/NSPS TABLE A OPTIONAL SURVEY ITEMS

2 NO OBSERVED PHYSICAL ADDRESS DURING THE COURSE OF THIS SURVEY

3 THE SUBJECT PROPERTY IS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR SAN JOAQUIN COUNTY, CALIFORNIA, MAP NUMBERS 06077C0730F AND 06077C0740F FOR COMMUNITY NUMBER 060303 (CITY OF TRACY), WITH AN EFFECTIVE DATE OF OCTOBER 16, 2009, AS BEING LOCATED IN FLOOD ZONE "X–UNSHADED". ACCORDING TO FEMA THE DEFINITION OF ZONE "X–UNSHADED" IS: "AREA OF MINIMAL FLOOD HAZARD"

INFORMATION WAS OBTAINED FROM THE CITY OF TRACY, PUBLIC WORKS DEPARTMENT ON AUGUST 14, 2020.

4 GROSS LAND AREA: 8,438,438 SQUARE FEET OR 193.7199 ACRES, MORE OR LESS

6(A) ZONING NOTE: THIS SURVEY MAKES NO EVALUATION AS TO COMPLIANCE WITH ZONING CODES AND/OR ORDINANCES OTHER THAN CURRENT MUNICIPAL BUILDING SETBACK LINE LOCATIONS.

THE SUBJECT PROPERTY IS CURRENTLY ZONED: THSP (TRACY HILLS SPECIFIC PLAN) MI–TH (LIGHT INDUSTRIAL)

SETBACKS:
FRONT: 0 FEET
SIDE: 0 FEET
REAR: 0 FEET
STREET SIDE: 0 FEET

MAXIMUM BUILDING HEIGHT PER TRACY MUNICIPAL AIRPORT PLANS: 35 FEET INSIDE THE INNER APPROACH/DEPARTURE ZONE. 70 FEET INSIDE THE OUTER APPROACH/DEPARTURE ZONE. 150' INSIDE THE AIRPORT INFLUENCE AREA (REST OF SITE)
MAXIMUM BUILDING HEIGHT PER TRACY ZONING PLAN: 45 FEET

INFORMATION WAS OBTAINED FROM THE CITY OF TRACY PLANNING DEPARTMENT ON SEPTEMBER 2, 2020.

6(B) THE CITY OF TRACY ZONING CODE CONTAINS NO BUILDING SETBACKS APPLICABLE TO THE SUBJECT PROPERTY

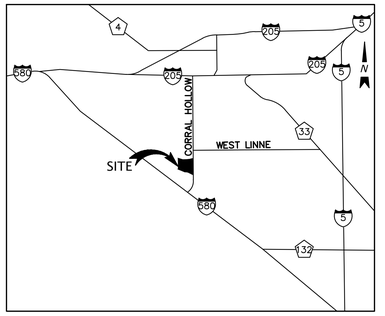
8 SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE SURVEY SUCH AS PARKING LOTS, BILLBOARDS, SIGNS, SWIMMING POOLS, LANDSCAPED AREAS, ETC. SHOWN HEREON.

13 NAMES OF ADJOINING OWNERS OF PLATTED LANDS ACCORDING TO CURRENT PUBLIC RECORDS. SHOWN HEREON.

14 DISTANCE TO THE NEAREST INTERSECTING STREET AS SPECIFIED BY THE CLIENT. SHOWN HEREON.

16 AS OF THE DATE OF THIS SURVEY, THERE IS NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS.

17 AS OF THE DATE OF THIS SURVEY, THERE ARE PROPOSED CHANGES IN STREET RIGHT OF WAY LINES, AS AVAILABLE FROM THE CONTROLLING JURISDICTION. THERE IS NO OBSERVED EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.



VICINITY MAP

NOT TO SCALE

LEGAL DESCRIPTION

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE COUNTY OF SAN JOAQUIN, CITY OF TRACY, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE:

PARCEL 1 AND PARCEL 2, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

PARCEL TWO:

PARCEL 3, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

PARCEL THREE:

THE EAST 203 ACRES OF THE FOLLOWING DESCRIBED PROPERTY (THE WEST LINE OF SAID EAST 203 ACRES BEING PARALLEL TO THE EAST LINE OF SAID SECTION 7;

BEING A PORTION OF SECTION 7, TOWNSHIP 3 SOUTH, RANGE 5 EAST, MOUNT DIABLO BASE AND MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WEST LINE OF CORRAL HOLLOW ROAD, SAID POINT LYING NORTH 0° 13' WEST 30 FEET AND SOUTH 89° 47' WEST 30 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 0° 13' WEST 3,508.47 FEET ALONG THE EAST LINE OF CORRAL HOLLOW ROAD, AND PARALLEL TO AND 30 FEET WEST OF THE EAST LINE OF SAID SECTION 7, TO A POINT ON THE SOUTH LINE OF THE UNITED STATES DEPARTMENT OF INTERIOR RIGHT OF WAY FOR THE DELTA–MENDOTA CANAL; AS RECORDED IN BOOK 1107 OF OFFICIAL RECORDS, PAGE 303; THENCE ALONG SAID CANAL RIGHT OF WAY FOR THE NEXT 6 COURSES, AS FOLLOWS:

1) SOUTH 89° 46' WEST 392.34 FEET;
2) SOUTH 77° 34' WEST 732.3 FEET;
3) SOUTH 80° 57' WEST 985.27 FEET;
4) NORTH 76° 36' WEST 279.66 FEET;
5) NORTH 62° 49' WEST 1,600.51 FEET; AND
6) NORTH 66° 47' WEST, 475.89 FEET;

THENCE LEAVING SAID CANAL RIGHT OF WAY SOUTH 7° 13' WEST 2,026.34 FEET; THENCE SOUTH 20° 21' EAST 76 FEET; THENCE NORTH 89° 19' EAST 27.16 FEET; THENCE SOUTH 26° 58' EAST 579.79 FEET; THENCE NORTH 69° 13' EAST 398.19 FEET; THENCE SOUTH 44° 17' EAST 445.6 FEET; THENCE SOUTH 52° 39' EAST 605.99 FEET; THENCE SOUTH 63° 24' EAST 670.76 FEET; THENCE SOUTH 86° 05' EAST 1,280.33 FEET; THENCE SOUTH 58° 44' EAST 1,254.49 FEET; THENCE NORTH 89° 47' EAST 50.77 FEET TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA FOR THE CALIFORNIA AQUEDUCT IN DEED RECORDED AUGUST 16, 1963 IN BOOK 2722 OF OFFICIAL RECORDS, PAGE 230.

NOTE: THE WESTERLY BOUNDARY LINE OF THE PREMISES HAS BEEN DEFINED OF RECORD IN QUITCLAIM DEEDS RECORDED JUNE 30, 1966 IN BOOK 3060 OF OFFICIAL RECORDS, PAGES 175 AND 177, AND IS DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE WEST LINE OF CORRAL HOLLOW ROAD, SAID POINT LYING NORTH 0° 13' WEST 30.00 FEET AND SOUTH 89° 47' WEST 30.00 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 0° 13' WEST 3,508.47 FEET ALONG THE EAST LINE OF CORRAL HOLLOW ROAD AND PARALLEL TO AND 30.00 FEET WEST OF THE EAST LINE OF SAID SECTION 7 TO A POINT ON THE SOUTH LINE OF THE UNITED STATES DEPARTMENT OF INTERIOR RIGHT OF WAY FOR THE DELTA–MENDOTA CANAL, AS RECORDED IN BOOK 1107 OF OFFICIAL RECORDS, PAGE 303; THENCE ALONG SAID CANAL RIGHT OF WAY FOR THE NEXT FIVE COURSES AS FOLLOWS:

1) SOUTH 89° 46' WEST 392.34 FEET;
2) SOUTH 77° 34' WEST 732.30 FEET;
3) SOUTH 80° 57' WEST 985.27 FEET;
4) NORTH 76° 36' WEST 279.66 FEET;
5) NORTH 62° 49' WEST 1,031.69 FEET TO THE POINT OF BEGINNING OF THE HEREIN DESCRIBED LINE;

THENCE LEAVING SAID CANAL RIGHT OF WAY SOUTH 0° 13' EAST 1,962.67 FEET, MORE OR LESS, TO THE TERMINATION OF SAID LINE, BEING THE NORTHWESTERLY CORNER OF THE PROPERTY AS CONVEYED BY CHARLES SPATAFORE, SR., ET AL, TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 16, 1963 IN BOOK 2722 OF OFFICIAL RECORDS, PAGE 230, AND BEING ALSO THE NORTHEASTERLY CORNER OF THE PROPERTY AS CONVEYED BY MAURICE G. VIEIRA, JR., ET UX, TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 9, 1963 IN BOOK 2677 OF OFFICIAL RECORDS, PAGE 204.

EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO CITY OF TRACY, A MUNICIPAL CORPORATION, IN THE DEED RECORDED DECEMBER 1, 2017 IN OFFICIAL RECORDS AS DOCUMENT NO. 2017–140487.

EXCEPTING THEREFROM PARCELS 1, 2 AND 3, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

SURVEYOR'S CERTIFICATE

TO: RIDGELINE PROPERTY GROUP, LLC;

AND: OLD REPUBLIC TITLE INSURANCE COMPANY;

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6(A), 6(B), 8, 13, 14, 16 AND 17 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 31, 2020.

KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC.

DEAN A. JURADO, P.L.S. 9032
DJURADO@KWWRIGHT.COM

LICENSED LAND SURVEYOR — DEAN A. JURADO — No. 9032 — STATE OF CALIFORNIA

09/02/2020
DATE

NO.	BY	REVISION

NO.	BY	REVISION

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

ALTA/NSPS LAND TITLE SURVEY
OF
29592 CORRAL HOLLOW ROAD
FOR
RIDGELINE PROPERTY GROUP, LLC
TRACY, CALIFORNIA

DATE	SEPT., 2020
SCALE	AS SHOWN
SURVEYOR	DAJ
DRAWN BY	CSW
JOB NO.	A20651
SHEET	1
OF	3 SHEETS

Z:\2020\A20651\DWG\SURVEY\ALTA\A20651-AS.dwg 9-02-20 03:05:36 PM cwilkins

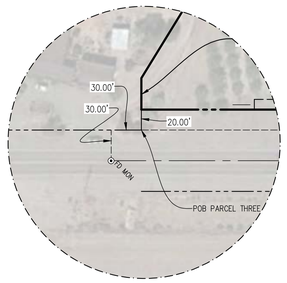
NOTE: THIS SITE HAS FIBER OPTIC LINES
LOCATED ON OR ADJACENT TO IT.

LEGEND

- ASPHALT BERM
- EASEMENT LINE
- EDGE OF PAVEMENT
- FENCE LINE
- LOT LINE
- MONUMENT/MONUMENT LINE
- OVERHEAD POWER LINE
- PROPERTY LINE
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT
- GUY ANCHOR
- GAS METER
- POWER POLE/JOINT POLE
- TRAFFIC SIGN
- UTILITY BOX
- UTILITY LINE MARKER
- WATER VALVE
- (4) ITEM NO. IN TITLE REPORT

ABBREVIATIONS

CATV	CABLE TELEVISION
E	EAST
EB	ELECTRIC BOX
EP	EDGE OF PAVEMENT
FD	FOUND
GAS	GAS LINE
GB	GAS BOX
GLM	GAS LINE MARKER
GUY	GUY ANCHOR
GV	GAS VALVE
(G)	GRID DISTANCE
IP	IRON PIPE
JP	JOINT POWER POLE
MON	MONUMENT
N	NORTH
NO.	NUMBER
O.R.	OFFICIAL RECORD
OH	OVERHEAD
PG&E	PACIFIC GAS & ELECTRIC
PM	PARCEL MAP
PP	POWER POLE
RCP	REINFORCED CONC. PIPE
RD.	ROAD
S	SOUTH
SSMH	SANITARY SEWER MANHOLE
UB	UNKNOWN UTILITY BOX
W	WEST
WB	WATER BOX
WL	WALK LIGHT
WM	WATER METER
WV	WATER VALVE



DETAIL A
NOT TO SCALE

NORTH
0 50 100 200 300
Scale 1" = 100'

SEE SHEET 3

APPROXIMATE ACCIDENT DISTRIBUTION CONTOUR SEE GENERAL NOTE 8

PARCEL THREE OF LEGAL DESCRIPTION
SURVEYED REMAINDER
26 PM 153

APPROXIMATE OUTER APPROACH/DEPARTURE ZONE SEE GENERAL NOTE 8
APPROXIMATE INNER APPROACH/DEPARTURE ZONE SEE GENERAL NOTE 8

DELTA MENDOTA CANAL

GAS PETROLEUM PIPE LINES

APPROXIMATE 99.0' FUTURE FOUR LANE MAJOR ARTERIAL WITH MEDIAN PER TRACY HILLS SPECIFIC PLAN (16)

CALIFORNIA AQUEDUCT

NO PROPERTY INFORMATION AVAILABLE

Barbed Wire Fence

S38°08'52"E 1254.57' (1254.69')(G)

S0°22'08"W 1189.49' (1189.42')(G)

R=3049.69'
D=0°07'50"
L=6.95'

(15) 99' PUE & ACCESS EASEMENT
26 PM 153

543.77' (543.74')(G)

PARCEL TWO OF LEGAL DESCRIPTION
PARCEL 3
26 PM 153

N89°37'52"W 1093.72' (1093.65')(G)

N0°22'08"E 396.02' (396.00')(G)

N89°37'52"W 549.94' (549.91')(G)

549.94' (549.91')(G)

PARCEL ONE OF LEGAL DESCRIPTION
PARCEL 2
26 PM 153

PARCEL ONE OF LEGAL DESCRIPTION
PARCEL 1
26 PM 153

S89°37'52"E 549.94' (549.91')(G)

APPROXIMATE INNER TURNING ZONE SEE GENERAL NOTE 8

APPROXIMATE INNER APPROACH/TURNING/DEPARTURE ZONE SEE GENERAL NOTE 8

APPROXIMATE INNER APPROACH/DEPARTURE ZONE SEE GENERAL NOTE 8

APPROXIMATE INNER APPROACH/TURNING/DEPARTURE ZONE SEE GENERAL NOTE 8

APPROXIMATE INNER APPROACH/DEPARTURE ZONE SEE GENERAL NOTE 8

APPROXIMATE INNER APPROACH/TURNING/DEPARTURE ZONE SEE GENERAL NOTE 8

RUNWAY PROTECTION ZONE AND INNER TURNING ZONE SEE GENERAL NOTE 8

EXCEPTION TO PARCELS ONE, TWO AND THREE OF LEGAL DESCRIPTION
140473 O.R.

(12) PG&E EASEMENT
2017-140460 O.R.

(13) 20' PG&E EASEMENT
2017-140460 O.R.

(7) 15' PG&E EASEMENT
40' O.R. 431

(7) PG&E EASEMENT
90-108430 O.R.

(12) PG&E EASEMENT
2017-061858 O.R.

(12) PG&E EASEMENT
2017-061858 O.R.

Chainlink Fence

14' I.O.D.
26 PM 153

See General Note 6

See Detail A

POB PARCEL THREE OF LEGAL DESCRIPTION

S89°37'52"E 30.78' (30.77')(G)

1448.57' (1448.50')(G)

S0°22'08"W 2336.06'

396.02' (396.00')(G)

95.36' (95.35')(G)

S51°30'39"E 7.62'

(25.42')(G)

N0°22'08"E 1177.39' (1177.32')(G)

N0°22'08"E 5287.98' BASIS OF BEARINGS

N0°22'08"E 3508.47'(N001'3"W)

CORRAL HOLLOW RD.
(80' WIDE PUBLIC RIGHT OF WAY)

Asphalt
Dirt
EBB

S89°32'08"W 985.33' (985.27'(G))

196.1'

S19°28'08"W 732.34' (732.30'(G))

N89°38'52"W 378.36' (392.34')(G)

N89°14'08"W 6844.60'

LINNE ROAD

(9) Mon

(10) Mon

NO.	REVISION	BY

NO.	REVISION	BY

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

ALTA/NSPS LAND TITLE SURVEY

OF

29592 CORRAL HOLLOW ROAD

FOR

RIDGELINE PROPERTY GROUP, LLC

TRACY, CALIFORNIA

DATE	SEPT., 2020
SCALE	AS SHOWN
SURVEYOR	DAJ
DRAWN BY	CSW
JOB NO.	A20651
SHEET	2
OF	3 SHEETS

Z:\2020\A20651\SURVEY\ALTA\A20651-ALS.dwg 9-02-20 03:07:22 PM cwilkins

ALTA/NSPS LAND TITLE SURVEY

OF

29592 CORRAL HOLLOW ROAD

FOR

RIDGELINE PROPERTY GROUP, LLC

TRACY, CALIFORNIA

DATE	SEPT., 2020
SCALE	AS SHOWN
SURVEYOR	DAJ
DRAWN BY	CSW
JOB NO.	A20651
SHEET	3
OF	3 SHEETS

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NO.	REVISION	BY

NO.	REVISION	BY



Z:\2020\A20651\DWG\SURVEY\ALTA\A20651-AS.dwg 9-02-20 02:05:43 PM cwilkins

Attachment B: Phase I Environmental Site Assessment

RECEIVED
March 18, 2021
City of Tracy
Development Services

Phase I Environmental Site Assessment

TRACY HILLS LOGISTICS PARK PROPERTY

Corral Hollow Road

Tracy, California

WKA No. 13041.02

February 26, 2021

Prepared for:

Mr. Steve Arthur

Ridgeline Property Group, LLC

915 Highland Pointe Drive, Suite 250

Roseville, California 95678

Wallace Kuhl & Associates

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Phase I Environmental Site Assessment

TRACY HILLS LOGISTICS PARK PROPERTY

Corral Hollow Road
Tracy, California
WKA No. 13041.02
February 26, 2021

Wallace-Kuhl & Associates (WKA), on behalf of Ridgeline Property Group, LLC, prepared this Phase I Environmental Site Assessment for the Tracy Hills Logistics Park Property located along Corral Hollow Road in Tracy, California. We declare that, to the best of our professional knowledge and belief, the report preparer and reviewer meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and 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 general conformance with the standards and practices set forth in 40 CFR Part 312 et seq. Resumes of the key staff who prepared this report are included in Appendix A.

WALLACE-KUHL & ASSOCIATES

PROFESSIONAL GEOLOGIST
KURT M. BALASEK
No. 6162
CERTIFIED HYDROGEOLOGIST
No. 299
STATE OF CALIFORNIA

Nancy M. Malaret
Project Environmental Scientist

Kurt Balasek, P.G., C.HG.
Senior Hydrogeologist

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C Supporting Documents*
C EDR® Radius Map Report with GeoCheck
D Preliminary Screen for Vapor Encroachment Conditions Matrix

*Supporting Documents Appendix contains: Custom Soil Resource Report, EDR® Reports: Sanborn Map Search, Historical Topographic Maps, Aerial Photographic Decade Package, and City Directory Report; FEMA Flood Map, and Environmental Lien Search Reports.

EXECUTIVE SUMMARY

The purpose of this Phase I Environmental Site Assessment (ESA) was to assess the Tracy Hills Logistics Park Property (herein referred to as Site) for evidence of Recognized Environmental Conditions (RECs) resulting from current and/or former Site activities. The Site is located along Corral Hollow Road in Tracy, California (Figures 1, 2, 3, and 4) and is comprised of 194.09 acres planted with an orchard. In addition, a pipeline easement transects the northeastern portion of the Site. Three pipelines, two natural gas and one petroleum, are located within the easement. The Site is identified by four San Joaquin County Assessor's Parcel Numbers (APNs): 253-020-160, -170, 180, and -190 (Figure 3). The following presents a list of observations and findings identified during the preparation of this report:

- The historical land use research dating back to the early 1900s revealed that the Site was grass-covered land or used for dry farm crop cultivation from at least 1937 to at least 1957, planted with an orchard from at least 1963 to at least 1993, fallow land from at least 2006 to at least 2012, and has been planted with the existing orchard since at least 2016. A canal transected the central portion of the Site from east to west from at least 1957 to at least 1968.
- Historical operations of the orchard between 1963 and 1993 may have included the application of persistent pesticides, such as organochlorine pesticides and arsenical pesticides. The half-life of organochlorine pesticides are typically long enough such that chemicals applied in the 1960s and 1970s may be detected in soils presently.
- WKA contacted the San Joaquin County Agricultural Commissioner to request information regarding pesticides records. According to a representative with the San Joaquin County Agricultural Commissioner's office, their records go back three years.
- A pipeline easement transects the northeastern portion of the Site from southeast to northwest. Three pipelines are located within the easement. Two of the pipelines are operated by PG&E and used for natural gas transmission. The third pipeline is used to transport crude oil and is operated by Crimson Pipeline, L.P.
- WKA observed an irrigation well located within a fenced area on the northwestern portion of the Site. A semi-truck was attached to the irrigation well and the front end was elevated on lifts. Presumably, the truck engine is used in lieu of land power to run the well. WKA observed an area of staining that was approximately three feet in diameter beneath the engine of the semi-truck. WKA observed a 10,000-gallon diesel

aboveground storage tank (AST) adjacent to the irrigation well within the fenced area. The current owner stated that the (AST) has not been used by them. Many empty one and two-gallon containers were located within the fenced area that were labeled as herbicide and fertilizer. A spigot and hose were observed adjacent to the east of the fenced area.

- WKA reviewed an ALTA survey for the Site. The survey indicates that the property line transects the fenced area on the northwestern portion of the Site from east to west and the irrigation well, semi-truck, and area of stained soil are located off-site. WKA understands that the current site owner will be responsible for excavating the stained soils beneath the semi-truck.
- According to an environmental lien search, no environmental liens are associated with the Site.
- Given the documentation reviewed concerning the agency listings for neighboring facilities, none of the facilities reviewed is likely to have a negative impact on the Site.
- Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.

WKA has performed this ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-13 for the Tracy Hills Logistics Park Property.

This assessment has revealed no RECs in connection with the Site except the following:

- On-site concerns were noted from the historical agriculture activities including the presence of orchards from at least 1963 to at least 1993 and the potential for residues of historically applied persistent pesticides.
- Concerns were noted from the stained soils beneath the semi-truck attached to the irrigation well located within the fenced area that is located on the northwestern portion of the Site.

1.0 INTRODUCTION

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to evaluate the Tracy Hills Logistics Park Property (herein referred to as Site) for evidence of potential Recognized Environmental Conditions (RECs) resulting from current and/or former site activities as defined by the American Society of Testing and Materials (ASTM) Standard E 1527-13 (ASTM, 2013).

According to the ASTM, "this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations under CERCLA [Comprehensive Environmental Response, Compensation and Liability Act] liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"): that is, the practice that constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B)."

This ESA has been performed in general conformance with the ASTM Standard E 1527-13 and the scope and limitations defined in Wallace-Kuhl & Associates (WKA) proposal, 3PR20093, dated June 22, 2020.

1.2 Scope of Services

WKA has completed this ESA for the Site shown on Figures 1 through 4. Mr. Steve Arthur with Ridgeline Property Group, LLC authorized WKA to proceed with this assessment on February 1, 2021, through a signed WKA Environmental Site Assessment Consulting Agreement.

The scope of this assessment included the following:

- Conduct a site reconnaissance for visual evidence of surface contamination and potential sources of subsurface contamination;
- Conduct a visual inspection of the adjoining properties for evidence of RECs;
- Conduct interviews with the following, as available:
  - Key site manager,
  - Major occupants,

  - Past and present owners, operators,
  - Government and/or agency personnel, and,
  - Inquiries conducted at abandoned sites may include interviews with owners or occupants of neighboring or nearby properties;
- Conduct a records review, which included the following:
  - Physical setting documents to determine regional geology, general soil information, and local and regional groundwater conditions,
  - Historical information, including but not limited to, Sanborn maps, topographic maps, aerial photographs, ownership records, building department records, local street directories, zoning and land use records, and prior assessments, as available,
  - Environmental records, including federal, state, tribal, and county regulatory agency lists that will help identify RECs on the Site and the adjoining properties, and,
  - Based on the outcome of the database search, review of specific regulatory agency files for identified contaminated facilities in order to evaluate whether the listed facilities are hazardous materials threats to the Site;
- Conduct a preliminary screen for vapor encroachment conditions on the Site per ASTM E2600-15;
- Review of the completed *ASTM E 1527-13 User Questionnaire* (*Questionnaire*) regarding Recorded Environmental Liens, activity and use limitations (AULs), relationship of the purchase price to the fair market value of the Site, and any specialized knowledge of the Site;
- Review of environmental liens and Activity and Use Limitations (AULs) reports, as provided; and
- Prepare a final report of the results of the ESA.

1.3 Special Terms and Conditions

No special terms or conditions to the WKA Environmental Site Assessment Consulting Agreement or the WKA scope of services were requested or performed during the preparation of this report. Ridgeline Property Group, LLC authorized WKA to perform a search for recorded environmental liens and Activity and Use Limitations (AULs) for the Site. Discussion regarding the search is included in Section 4.3.3 of this report.

1.4 User Provided Information

WKA provided Ridgeline Property Group, LLC a copy of the User Questionnaire and the Helpful Documents checklist. Mr. Steve Arthur, Ridgeline Property Group, LLC, completed and returned the documents to WKA. Discussion regarding his responses is provided in the following section. A copy of the completed questionnaire is included in Appendix B.

In summary, Mr. Arthur was not aware of any records of environmental liens or AULs currently recorded against the Site. Mr. Arthur stated he does not possess specialized knowledge or experience related to the Site. Mr. Arthur stated that he is not aware of any obvious indicators that point to the presence or likely presence of contamination at the Site. He said that regulated pesticides are applied to the property and provided contact information for Mr. David Vermeulen, Nutrien Ag Solutions (See Section 3.2). According to Mr. Arthur, an area of stained soil is located beneath a semi-truck being used to power the pump for the irrigation well. Mr. Arthur indicated that the well and semi-truck are located adjacent to the north of the Site. He also noted that an empty aboveground storage tank is located adjacent to the irrigation well.

Mr. Arthur was not aware of existing “Helpful Documents” as defined in Section 10.8.1 of the ASTM Standard as noted on the “Helpful Documents Checklist” included in Appendix B.

2.0 SITE DESCRIPTION

2.1 Site and Vicinity General Characteristics

The Site is located along Corral Hollow Road in Tracy, California (Figures 1 and 2). The Site is comprised of four San Joaquin County Assessor's Parcel Numbers (APNs): 253-020-160, -170, 180, and -190, totaling approximately 194.09 acres planted with an orchard (Figure 3). Surrounding land use consisted of a rural residence, agricultural land, and a quarry (Figure 4).

2.2 Site Reconnaissance

A visual site reconnaissance was conducted by WKA on February 3, 2021. Figures 5a through 5d provide color photographs of the Site taken during the site reconnaissance.

On the day of site reconnaissance, the Site was planted with an orchard. The rows of orchard trees were oriented from southeast to northwest. WKA observed a fenced area that straddles the northern property boundary on the northwestern portion of the Site. An irrigation well is located within the fenced area. WKA observed a semi-truck attached to the well. The front end of the semi-truck was elevated on lifts and WKA observed an area of stained soils beneath the engine. Presumably, the truck engine is used in lieu of land power to run the well. The stained area appeared to be approximately three feet in diameter. WKA observed many empty one and two-gallon containers. The containers were labeled with products names indicating they contained herbicides and fertilizers. The irrigation well, semi-truck, stained soils, and containers appeared to be north of the property line. WKA observed an aboveground storage tank in the southern portion of the fenced area. A spigot and hose were observed adjacent to the east of the fenced area. A pile of irrigation hose was observed to the southeast of the irrigation well fenced area. A fenced area was observed on the northeastern portion of the Site that is associated with petroleum and natural gas pipelines that transect the northeastern portion of the Site. A second fenced area was observed on the southeastern portion of the Site. The fenced area is the natural gas pipeline main shut-off/valve for the pipeline that transects the northeastern portion of the Site. A pile of miscellaneous household debris was observed adjacent to the west of the fenced area. A water meter was observed on the southwestern portion of the Site.

2.2.1 Municipal Infrastructure and Utilities

The Site is not currently connected to municipal utilities. An irrigation well located adjacent to the north of the Site provides water for the orchard.

2.3 Adjoining Properties

The Site is bounded to the north by the Delta Mendota canal followed by agricultural land. Corral Hollow Road followed by a quarry is located to the east of the Site. A rural residence followed by the California Aqueduct and a new residential subdivision is located to the south of the Site. Agricultural land is located adjacent to the west of the Site.

3.0 INTERVIEWS

Interviews with various persons familiar with the site vicinity, including representatives of public agencies, were conducted for the purpose of identifying past and present uses, which may have contributed to RECs on the Site. Results of those interviews are discussed in the following sections.

3.1 Owner or Key Site Manager

Mr. Mike Sandhu completed a questionnaire regarding the Site. He stated that the Site parcels are owned by Sandhu Family Enterprise, LLC and Gurcharan Kaur. Mr. Sandhu indicated that the property was acquired from Spatafore, but that he did not know the date of purchase. According to Mr. Sandhu, the Site is planted with an almond orchard. He said that a diesel aboveground storage tank (AST) is located on the northern portion of the Site. Mr. Sandhu stated that it is empty, and it has not been used during his ownership. He indicated that the AST will be removed. He stated that an agricultural well is located on the Site; however, per an ALTA survey the well is located adjacent to the north of the Site. Mr. Sandhu stated that, to the best of his knowledge, no environmental liens have been recorded for the Site.

WKA contacted Mr. David Vermuelen, Nutrien Ag Solutions, regarding the Site. Mr. Vemuelen stated that he has provided agricultural chemicals to Mr. Sandhu since the current orchard was planted, which occurred after 2012. He stated that Nutrien Ag Solutions has provided fertilizer, herbicide, insecticide, and fungicide. Mr. Vermuelen stated that Mr. Sandhu has trained staff that apply the agricultural chemicals.

3.2 Occupants (Multi-family or Major)

See Section 3.2.1.

3.3 Past Owners, Operators, and/or Occupants

No information regarding past owners, operators, and/or occupants was received by WKA during completion of this report.

3.4 State and/or Local Government Officials

WKA contacted the San Joaquin County Agricultural Commissioner's office to request information regarding pesticide application records. A representative that answered the phone at the San Joaquin County Agricultural Commissioner's office stated the records regarding pesticides applications only go back three years.

The State Water Resources Control Board (SWRCB) publishes their records on their GeoTracker website. When records are unavailable on GeoTracker, WKA makes direct contact to request unpublished documents from the SWRCB. WKA reviewed information for facilities within the vicinity of the Site on the GeoTracker website and a summary is provided in Section 4.3.

The Department of Toxic Substances Control (DTSC) publishes their records on their EnviroStor website. When records are unavailable on EnviroStor, WKA makes direct contact to request unpublished documents from the DTSC. WKA reviewed information for facilities within the vicinity of the Site on the DTSC EnviroStor website and a summary is provided in Section 4.3.

3.5 Abandoned Properties

As referenced in 40 CFR Part 312, in the case of inquiries conducted at "abandoned properties," as defined in §312.23(d), "where there is evidence of potential unauthorized uses of the Site or evidence of uncontrolled access to the Site, the environmental professional's inquiry must include interviewing one or more (as necessary) owners or occupants of neighboring or nearby properties from which it appears possible to have observed uses of, or releases at, such abandoned properties…" No evidence of potential unauthorized uses, or evidence of uncontrolled access to the Site was observed. The Site is not considered an abandoned property and therefore, WKA did not interview owners or occupants of neighboring properties.

4.0 RECORDS REVIEW

The purpose of the records review is to obtain and review information concerning the current and historical use of the Site and adjoining properties that would help identify the presence of RECs in connection with the Site. The records review included review and discussion of the following, as available:

- Physical Setting Source(s);
- Historical Use Information; and,
- Environmental Record Sources.

4.1 Physical Setting Source(s)

The Site is depicted on the 1981 United States Geological Survey (USGS) 7.5 Minute topographic map of the *Tracy, California Quadrangle* as being planted with an orchard. The Site is located within Section 7, Township 3 South, Range 5 East, Mount Diablo Base and Meridian, at an elevation of approximately +200 feet relative to mean sea level (msl).

4.1.1 Regional and Local Geology

The Site is located in the Great Valley geomorphic province of California, a 500-mile, northwest-trending structural trough, generally constrained to the west by the Coast Ranges and to the east by the foothills of the Sierra Nevada Range (Norris and Webb, 1990). The Great Valley consists of two valleys lying end-to-end, with the Sacramento Valley to the north and the San Joaquin Valley to the south.

The Sacramento and San Joaquin Valleys have been filled to their present elevations with thick sequences of sediment derived from both marine and terrestrial sources. The sedimentary deposits range in thickness from relatively thin deposits along the eastern valley edge to more than 25,000 feet in the south-central portion of the Great Valley (Norris and Webb, 1990). The sedimentary geologic formations of the Great Valley province vary in age from Jurassic to Quaternary, with the older deposits being primarily marine in origin. Younger sediments are continentally derived and were typically deposited in lacustrine, fluvial, and alluvial environments with their primary source being the Sierra Nevada Range.

The 1991 USGS *Geologic Map of the San Francisco-San Jose Quadrangle, California*, shows the Site to be underlain by Fanglomerate and alluvial fan deposits.

4.1.2 Radon Gas

Radon is a naturally occurring gas that is formed from the radioactive breakdown of radium in soil, rock, and water. Radon can move up through the ground and into living spaces through pathways and penetrations in a structure's foundation. Radon's potential presence in indoor air can only be assessed within existing buildings, as there are no currently available real time methods to assess Radon's presence over undeveloped properties.

The United States Environmental Protection Agency (EPA) has developed the EPA Map of Radon Zones to assist organizations in implementing radon-resistant building codes. The map assigns each county in the United States to one of three zones based on radon potential. The EPA uses a continuous exposure level of 4.0 picoCuries per liter (pCi/L) as an action level at which additional action is recommended.

The EPA Radon Zones are defined as:

- Zone 1 (Highest Potential) – Average indoor radon screening level greater than 4 pCi/L.
- Zone 2 (Moderate Potential) – Average indoor radon screening level between 2 and 4 pCi/L.
- Zone 3 (Lowest Potential) – Average indoor radon screening less than 2 pCi/L.

According to information provided by Environmental Data Resources in the Radius Map Report, the Site is located in Zone 3 (EDR, 2021a).

4.1.3 Soil Survey

The United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) has created a web-based service for accessing soil information. According to the NRCS Web Soil Survey (WSS) the majority of the near-surface soils on the Site consist of Zacharias clay loam, 0 to 2 percent slopes; Capay clay, 0 to 1 percent slopes, MLRA 17; and, Zacharias gravelly clay loam, 0 to 2 percent slopes (USDA, 2021). A copy of the Custom Soil Resource Report for the Site is provided in Appendix C.

4.1.4 Regional and Local Groundwater

The Site is located within the California Department of Water Resources (DWR) defined San Joaquin Valley Groundwater Basin of the San Joaquin River Hydrologic Region. WKA searched data on the DWR website and found no currently monitored groundwater wells within one-half mile of the Site (DWR, 2021).

WKA also searched the State Water Resources Control Board's (SWRCB) GeoTracker website for quarterly groundwater monitoring reports completed for facilities in the immediate vicinity of the Site. No facilities are located within one-half mile of the Site (SWRCB, 2021).

4.2 Historical Use Information

WKA reviewed historical information to develop a history of the previous uses of the Site and surrounding area, in order to evaluate the Site and adjoining properties for evidence of RECs. Standard historical sources reviewed during the preparation of this report included the following, as available:

- Sanborn® Maps;
- Topographic Maps;
- Oil and Gas Well Maps;
- Aerial Photographs;
- Ownership Records;
- Building Department Records;
- Local Street Directories;
- Zoning and Land Use Records;
- Other Historical Sources; and,
- Prior Assessments.

Discussion of these historical sources is provided in the following sections.

4.2.1 Sanborn® Maps

Sanborn® Maps are obtained through Environmental Data Resources, Inc. (EDR®). EDR® is a national commercial provider of environmental database information. Sanborn® Maps are detailed drawings of site development, and were typically used by fire insurance companies to determine site fire insurability. According to EDR®, Sanborn® Map coverage of the Site is not available (EDR®, 2021b). The EDR® Sanborn® Map is provided in Appendix C.

4.2.2 Topographic Maps

Historical USGS topographic maps with coverage of the Site and outlying land areas were reviewed. Topographic maps with coverage of the Site dated 1916, 1922, 1942, 1947, 1954, 1968, 1981, and 2012 were available for review (EDR®, 2021c). Copies of the topographic maps compiled by EDR® with coverage of the Site are included in Appendix C. Table 1 notes the changes in the vicinity of the Site.

Table 1		
Year	**Scale**	**Observations**
1916	1:31,680	Site: Vacant land. North: Vacant land. East: Corral Hollow Road followed by an east-west oriented trail road. South: Vacant land. West: Vacant land.
1922	1:62,500	No significant changes noted for the Site or the vicinity.
1942	1:62,500	Site: A trail road, oriented from southeast to northwest, is depicted on the southern portion of the Site. A second trail road is depicted on the western portion of the Site that is oriented southeast to north. North: No significant changes noted. East: No significant changes noted. South: A trail road is depicted. West: The trail road noted on the Site extends to the northwest.
1947	1:50,000	No significant changes noted for the Site or the vicinity.
1954	1:24,000	Site: The previously noted trail roads are no longer depicted. Two petroleum pipelines are depicted transecting the northeastern portion of the Site from southeast to northwest. North: The Delta-Mendota Canal is depicted. East: The previously noted trail road is no longer depicted. South: No significant changes noted. West: No significant changes noted.
1968	1:24,000	Site: No significant changes noted. North: No significant changes noted. East: No significant changes noted. South: The California Aqueduct is visible. West: No significant changes noted.
1981	1:24,000	Site: Symbols indicating an orchard are depicted. North: No significant changes noted. East: A new trail road leading to structures followed by the Tracy Municipal Airport is depicted. South: No significant changes noted. West: No significant changes noted.
2012	1:24,000	Topographic map symbols, such as orchards, structures, and pipelines, are no longer depicted on the map.

4.2.3 Oil and Gas Well Maps

Review of California Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) website showed that the Site is not located in a designated natural gas field. No DOGGR wells are located on or within at least one-half mile of the Site (DOGGR, 2021).

4.2.4 Aerial Photographs

Historical aerial photographs of the Site and general vicinity were compiled by EDR®. Photographs covering the years 1937, 1940, 1949, 1957, 1963, 1968, 1975, 1982, 1993, 2006, 2009, 2012, and 2016 were available for review (EDR®, 2021d). Copies of the aerial photographs compiled by EDR® with coverage of the Site are included in Appendix C. Table 2 notes the changes on the property and in the vicinity.

Table 2

Year	Scale	Observations
September 1937	1" = 500'	Site: Grass-covered land. Several trail roads extend from the south-central portion radially out to the northwest, north, and northeast. A linear area of disturbed land, oriented southeast to northwest, is visible on the northeastern portion. The linear area of disturbed land is likely the location of the existing pipeline easement. North: Grass-covered land with several trail roads. East: A road followed by grass-covered land. The linear area of disturbed land noted on the Site extends to the southeast. South: Grass-covered land. An oval-shaped area of disturbed land is visible. West: Grass-covered land.
June 1940	1" = 500'	Site: No significant changes noted. North: No significant changes noted. East: Ground markings indicating dry farm crop cultivation are visible. South: No significant changes noted. West: No significant changes noted.
October 1949	1" = 500'	Site: No significant changes noted. North: The Delta-Mendota Canal is visible. East: No significant changes noted. South: No significant changes noted. West: No significant changes noted.

Table 2		
Year	**Scale**	**Observations**
July 1957	1" = 500'	Site: Ground markings indicating dry farm crop cultivation are visible. A canal is visible transecting the Site from east to west. North: The property to the north has been planted with a vineyard and/or row crops. East: No significant changes noted. South: No significant changes noted. West: Ground markings indicating dry farm crop cultivation are visible.
June 1963	1" = 500'	Site: The northern portion has been planted with an orchard. North: No significant changes noted. East: No significant changes noted. South: No significant changes noted. West: Grass-covered land.
May 1968	1" = 500'	Site: The southern portion has been planted with an orchard. North: No significant changes noted. East: No significant changes noted. South: The California Aqueduct is visible. West: Ground markings indicating row crop cultivation are visible.
November 1975	1" = 500'	Site: The previously noted canal appears to be filled in on the western portion. Orchard trees have been removed from the previously noted pipeline easement. North: Fallow land. East: No significant changes noted. South: Two structures are visible adjacent to the southeast. West: No significant changes noted.
July 1982	1" = 500'	Site: A portion has been replanted with trees on the northern portion. A pond is visible on the southwestern portion. North: No significant changes noted. East: No significant changes noted. South: No significant changes noted. West: No significant changes noted.

Table 2		
Year	**Scale**	**Observations**
June 1993	1" = 500'	Site: The previously noted pond is dry. Orchard trees have been moved from the western and south-central portions. The pipeline easement appears to have been disturbed. North: No significant changes noted. East: No significant changes noted. South: No significant changes noted. West: Fallow land.
2006	1" = 500'	Site: Fallow land. The previously noted canal appears to have been filled in. North: No significant changes noted. East: An area of disturbed land is visible. South: No significant changes noted. West: No significant changes noted.
2009	1" = 500'	No significant changes noted for the Site or the vicinity.
2012	1" = 500'	No significant changes noted for the Site or the vicinity.
2016	1" = 500'	Site: Planted with an orchard. North: No significant changes noted. East: The previously noted disturbed area is no longer visible. South: No significant changes noted for the Site or the vicinity. West: No significant changes noted for the Site or the vicinity.

4.2.5 Ownership Records

Ownership information was obtained through ParcelQuest®, an on-line distributor of "Assessor-Direct property information throughout the State of California." The ownership entity for 253-020-160, and -170 was listed as "Takhar Gurcharan Kaur." The ownership entity for 253-020-180, and -190 was listed as "Sandhu Karnail Tr & Ranbir Tr" (ParcelQuest®, 2021).

4.2.6 Building Department Records

WKA contacted the City of Tracy Building Safety Department to request information regarding the building permits for the Site. Our correspondence was not returned prior to the completion of this report.

4.2.7 Local Street Directories

Local street directories with coverage of the Site and adjoining properties were obtained from EDR® (EDR®, 2021e). These documents contain business listings based on street number identifiers. The Site APNs have not been assigned street addresses and no historical addresses were located for the Site; therefore, the Site would not have been listed in city directories. A copy of the EDR® City Directory (EDR®, 2021e) is provided in Appendix C.

4.2.8 Zoning and Land Use Records

The Site use is listed as agricultural (ParcelQuest, 2021).

The Site is located within an area of minimal flood hazard, as designated by the Federal Emergency Management Agency (FEMA). The floodplain map is provided in Appendix C.

WKA reviewed data provided on the National Pipeline Mapping System website and located three pipelines that transect the northeastern portion from southeast to northwest. Two of the pipelines are operated by PG&E and reportedly are used to transmit natural gas. The third pipeline is noted is as being operated by Crimson Pipeline, L.P. and is reportedly a crude oil transmission line (NPMS, 2021).

4.2.9 Other Historical Sources

Review of additional historical sources was not warranted in order for the Environmental Professional to make a determination as to evidence of potential RECs on the Site.

4.2.10 Prior Assessments

No previous assessments were provided to WKA prior to the completion of this report.

4.3 Environmental Record Sources

4.3.1 Regulatory Agency Databases

EDR® was contacted to provide a summary of facilities listed on regulatory agency databases (EDR®, 2021a). Table 3 summarizes the researched ASTM required *Standard Environmental Record Sources*, as well as several *Additional Environmental Record Sources*, as defined in Sections 8.2.1 and 8.2.2 of the ASTM Standard. For additional reference, the EDR® Radius Map Report with GeoCheck is included in Appendix D.

Table 3

	EDR Listed Database	*ASTM E 1527-13 Search Distance*	No. of Facilities Listed (within Search Radius)
Federal			
Federal NPL Site List	*NPL*	1-mile	0
Federal Delisted NPL Site List	*Delisted NPL*	½-mile	0
Federal CERCLIS List	*CERCLIS*	½-mile	0
Federal CERCLIS NFRAP Site List	*CERCLIS NFRAP*	½-mile	0
Federal RCRA CORRACTS Facilities List	*CORRACTS*	1-mile	0
Federal RCRA Generators List:			
Small Quantity and Large Quantity Generators	*RCRA SQG*	Site & adjoining	0
	RCRA LQG		0
Landfills and Solid Waste Management Units	*RCRA TSDF*	½-mile	0
Federal Institutional Control / Engineering Control Registries	*US ENG Controls*	Site only	0
	US INST Controls		0
Federal ERNS List	*ERNS*	Site only	0
State			
State-equivalent NPL (Hist. Cal-Sites)	*Hist. Cal-Sites*	1-mile	0
State-equivalent CERCLIS	*RESPONSE*	½-mile	0
State Landfill and/or Solid Waste Disposal Site	*SWF/LF (SWIS)*	½-mile	0
	WMUDS/SWAT		2
State Leaking Underground Storage Tanks	*LUST- Reg 5 Geotracker*	½-mile	2
Tribal Leaking Underground Storage Tanks	*Indian LUST*	½-mile	0
State Registered Underground Storage Tanks	*UST*	Site & adjoining	0
Tribal Registered Underground Storage Tanks	*Indian UST*	Site & adjoining	0
State Registered Aboveground Storage Tanks	*AST*	Site & adjoining	0
State Institutional Control Registries	*DEED*	Site only	0
State Voluntary Cleanup Sites	*VCP*	½-mile	0
State Brownfield Sites	*US Brownfields*	½-mile	0
California Environmental Reporting System Hazardous Waste	*CERS Haz Waste*	¼-mile	0
Additional Environmental Record Sources			
Hazardous Waste & Substances Sites List	*CORTESE*	½-mile	0
DTSC EnviroStor (includes Cal-Sites)	*EnviroStor*	1-mile	5
SLIC	*SLIC - Reg 5*	½-mile	1
Cleaner Facilities	*Drycleaners*	¼-mile	0
HAZNET	*HAZNET*	¼-mile	0

Review of the EDR® report indicates the Site is not listed on any of the EDR® databases. Regulatory information reviewed concerning the adjoining properties and the nearest facility in each cardinal direction identified within its respective ASTM search distance is detailed below.

The Jefferson School District and Tracy Hills Site – Proposed Elementary School Property, 29650 South Corral Hollow Road, is located to the south of the Site across the California Aqueduct. The Property is listed on Department of Toxic Substances Control (DTSC) EnviroStor database. According to a DTSC letter, dated January 23, 2019, assessment activities were performed at the Property as part of the Preliminary Endangerment Assessment evaluation for development with a school. Groundwater samples were collected to evaluate potential petroleum hydrocarbon and tetrachloroethylene groundwater impacts from a landfill to the southeast of the property. In addition, soil vapor samples were collected to evaluate the potential impacts from petroleum hydrocarbon and tetrachloroethylene. Laboratory analytical results indicated that petroleum hydrocarbons and tetrachloroethylene were below laboratory reporting limits or environmental screening levels. The DTSC concluded that no further action was required. Based on the information reviewed, this property has not impacted the Site.

The Corral Hollow Truck Stop facility, 30600 Corral Hollow Road, was located 0.25 miles south-southeast of the Site. The facility was listed on the State Water Resources Control Board's (SWRCB)Leaking Underground Storage Tank database. According to a San Joaquin County Environmental Health Department letter, dated February 26, 2002, the facility received a no further action letter. Based on the information reviewed, this facility has not impacted the Site.

The Corral Hollow II-2 Landfill facility, southeast of Interstate 580 and Corral Hollow Road, was located 0.67 miles south-southeast of the Site. The facility is listed on the DTSC EnviroStor database. WKA reviewed a Third Quarter 2020 Groundwater and Surface Water Monitoring Report, dated October 2020, prepared by Aptim Environmental & Infrastructure LLC on the SWRCB GeoTracker website. According to Aptim, the direction of groundwater flow was reported to be north-northeast and a tetrachloroethylene groundwater plume extends to the north; however, it does not appear to extend to the Site. Assessment activities conducted at the Jefferson School District and Tracy Hills Site – Proposed Elementary School Property indicate that the tetrachloroethylene plume does not extend to the property adjacent to the south of the Site. Based on the information reviewed, this facility has not impacted the Site.

4.3.2 Preliminary Screen for Vapor Encroachment Conditions

WKA conducted a preliminary screening for VEC beneath the Site using the Tier 1 vapor encroachment screening evaluation[1]. The Tier I screening included performing a *Search Distance Test* to identify if there are any known or suspect contaminated properties surrounding or upgradient of the Site within specific search radii, and a *Chemicals of Concern (COC) Test* (for those known or suspect contaminated properties identified within the *Search Distance Test*) to evaluate whether or not COC are likely to be present. The Vapor Encroachment Screening Matrix is included in Appendix E.

Based on the completion of the VEC-screening matrix, a VEC can be ruled out because a VEC does not or is not likely to exist.

4.3.3 Environmental Lien Search

According to two January 28, 2021, Environmental Lien Search Reports prepared by Security First Title Resource, no environmental liens or activity or use limitations (AULs) were recorded for the Site (SFTR 2021). Copies of the Environmental Lien Search Report is included in Appendix C.

[1] The Preliminary Screen for Vapor Encroachment Conditions was based on the guidelines presented in the ASTM *E 2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Data Gaps

The time intervals between the Standard Historical Sources (i.e., topographic maps, aerial photographs, other historical sources) exceeded the ASTM minimum five-year period. However, the use of the Site appears unchanged within the time gaps, and therefore, research of the Site use during the time gaps is not required by the ASTM Standard (Refer to *Section 8.3.2.1 – Intervals* of the ASTM E 1527-13 standard).

It is the opinion of WKA that no significant data gaps were identified during the preparation of this report that affects the ability of the Environmental Professional to identify RECs on the Site.

5.2 Conclusions

- The historical land use research dating back to the early 1900s revealed that the Site was grass-covered land or used for dry farm crop cultivation from at least 1937 to at least 1957, planted with an orchard from at least 1963 to at least 1993, fallow land from at least 2006 to at least 2012, and has been planted with the existing orchard since at least 2016. A canal transected the central portion of the Site from east to west from at least 1957 to at least 1968.
- Historical operations of the orchard between 1963 and 1993 may have included the application of persistent pesticides, such as organochlorine pesticides and arsenical pesticides. The half-life of organochlorine pesticides are typically long enough such that chemicals applied in the 1960s and 1970s may be detected in soils presently.
- WKA contacted the San Joaquin County Agricultural Commissioner to request information regarding pesticides records. According to a representative with the San Joaquin County Agricultural Commissioner's office, their records go back three years.
- A pipeline easement transects the northeastern portion of the Site from southeast to northwest. Three pipelines are located within the easement. Two of the pipelines are operated by PG&E and used for natural gas transmission. The third pipeline is used to transport crude oil and is operated by Crimson Pipeline, L.P.
- WKA observed an irrigation well located within a fenced area on the northwestern portion of the Site. A semi-truck was attached to the irrigation well and the front end was elevated on lifts. Presumably, the truck engine is used in lieu of land power to run the well. WKA observed an area of staining that was approximately three feet in diameter beneath the engine of the semi-truck. WKA observed a 10,000-gallon diesel aboveground storage tank (AST) adjacent to the irrigation well within the fenced area. The current owner stated that the (AST) has not been used by them. Many empty one

and two-gallon containers were located within the fenced area that were labeled as herbicide and fertilizer. A spigot and hose were observed adjacent to the east of the fenced area.

- WKA reviewed an ALTA survey for the Site. The survey indicates that the property line transects the fenced area on the northwestern portion of the Site from east to west and the irrigation well, semi-truck, and area of stained soil are located off-site. WKA understands that the current site owner will be responsible for excavating the stained soils beneath the semi-truck.
- According to an environmental lien search, no environmental liens are associated with the Site.
- Given the documentation reviewed concerning the agency listings for neighboring facilities, none of the facilities reviewed is likely to have a negative impact on the Site.
- Based on the completion of the vapor encroachment condition (VEC) screening matrix, WKA concludes a VEC can be ruled out because a VEC does not or is not likely to exist.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 for the Tracy Hills Logistics Park Property. Any exceptions to, or deletions from, this practice are described in Section 5.4 of this report. This assessment has revealed no evidence of RECs in connection with the Site except the following:

- On-site concerns were noted from the historical agriculture activities including the presence of orchards from at least 1963 to at least 1993 and the potential for residues of historically applied persistent pesticides.
- Concerns were noted from the stained soils beneath the semi-truck attached to the irrigation well located within the fenced area that is located on the northwestern portion of the Site.

5.3 Recommendations

Based on the conclusions presented and the documentation contained herein, WKA makes the following recommendations:

- Collecting soil samples from the orchard area to evaluate the potential presence of historically applied persistent pesticides.
- The area of stained soils beneath the semi-truck attached to the irrigation well should be excavated and confirmation samples should be collected to ensure that all impacted soils have been removed. WKA was unable to locate information for the owner of the area between the Site and the Delta Mendota Canal. Due to the irrigation well and

surrounding area being associated with the orchard, WKA recommends that the stained soils beneath the semi-truck be removed and properly disposed prior to the property transaction.

- If the irrigation well will no longer be used, it should be abandoned in accordance with local, state, and federal regulations prior to the property transaction.
- All debris should be removed from the Site and properly disposed.

5.4 Exceptions and/or Deletions

No exceptions or deletions from the ASTM E 1527-13 standard were made during the performance of this ESA.

5.5 Additional Services

Non-scope considerations, such as assessment for naturally occurring asbestos (NOA), wetlands evaluation, indoor air quality, laboratory testing of the soils and groundwater beneath the Site for environmental contaminants (such as agricultural-related pesticides, termiticides, polychlorinated biphenyls [PCBs], or arsenic and lead), and assessments for asbestos containing materials and lead-based paint were not included or requested as part of this ESA. Additionally, this ESA included conducting a Tier 1 vapor encroachment screening in accordance with the ASTM *E 2600-15 Vapor Encroachment Screening on Property Involved in Real Estate Transactions.*

6.0 LIMITATIONS

The statements and conclusions in this report are based upon the scope of work described above and on observations made only on the date of the field reconnaissance, February 3, 2021. Work was performed using a degree of skill consistent with that of competent environmental consulting firms performing similar work in the area. Information regarding the Site that is *publicly available* and *practically reviewable,* as described in the ASTM standard, was obtained. The conclusions in this report should be reevaluated if site conditions change or new information becomes available. No recommendation is made as to the suitability of the Site for any purpose. The results of this assessment do not preclude the possibility that materials currently or in the future defined as hazardous are present on the Site, nor do the results of this work guarantee the potability of groundwater beneath the Site. This report is applicable only to the investigated Site and should not be used for any other property. No warranty is expressed or implied.

This report is viable for one year from the publication date of the report provided the following components are updated within 180 days of the date of purchase or (for transactions not involving an acquisition) the date of the intended transaction:

- Interviews with current owners/occupants and/or in order to identify changes in Site conditions or uses since the publication date of this report
- Searches for recorded environmental cleanup liens
- Visual inspection of the Site and of adjoining properties with emphasis on changes in conditions or uses since the publication date of this report
- A current review of federal, state, tribal and county databases
- The declaration by the environmental professional responsible for the assessment.

Environmental Site Assessments completed more than one year prior to the date of purchase must be reviewed and updated in order for the *Environmental Site Assessment* to be considered valid per Section 4.6 (*Continued Viability of Environmental Site Assessment*), and Sections 4.7 and 8.4 (*Prior Assessment Usage*) of the ASTM E 1527-13 Standard.

NMM:KMB:mr
H:/dept3/13041.02 - Phase I ESA Tracy Hills Logistics Park Property

7.0 REFERENCES

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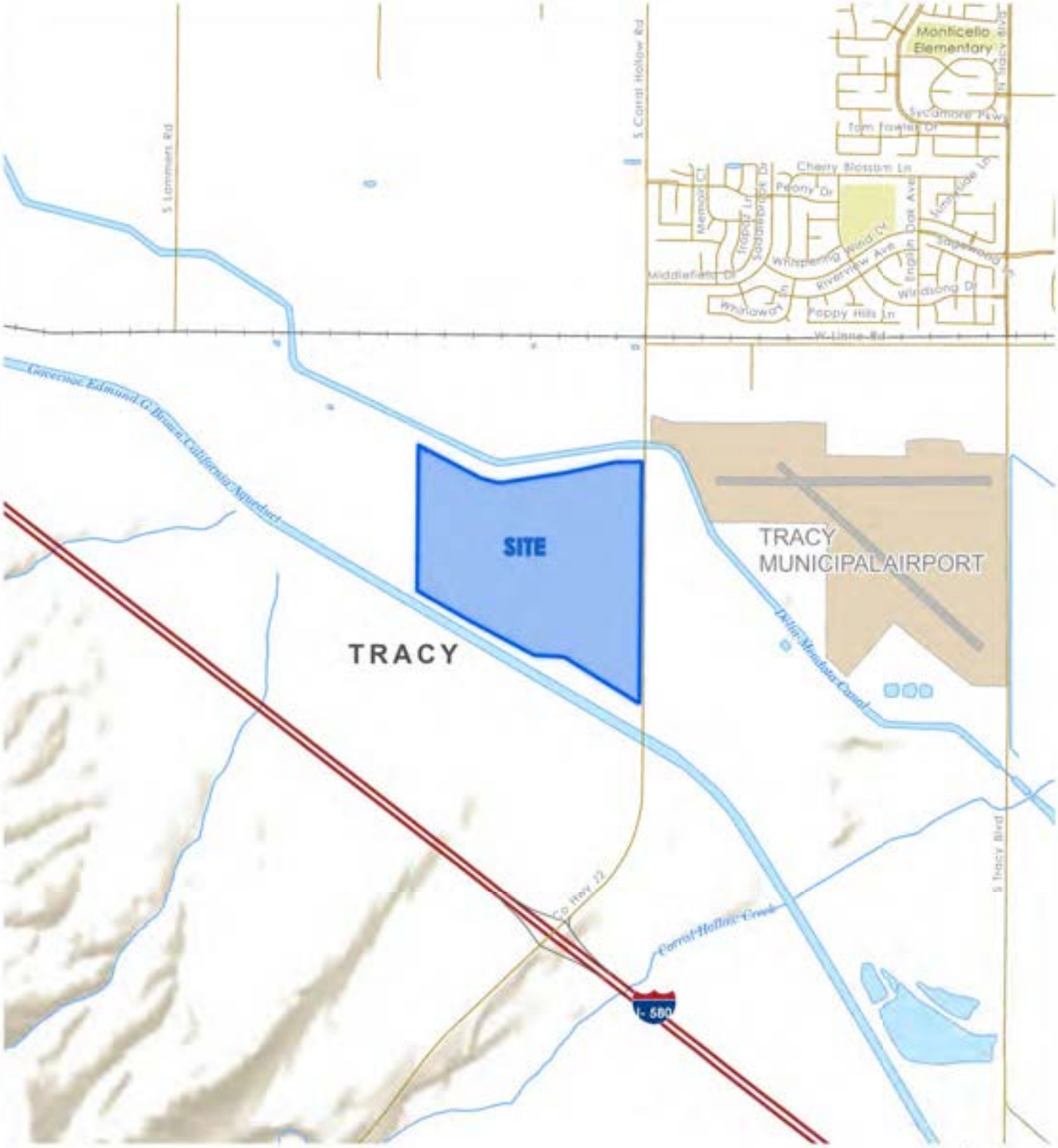
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FIGURES



Spatial Data provided by Esri, NOAA, and USGS.
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

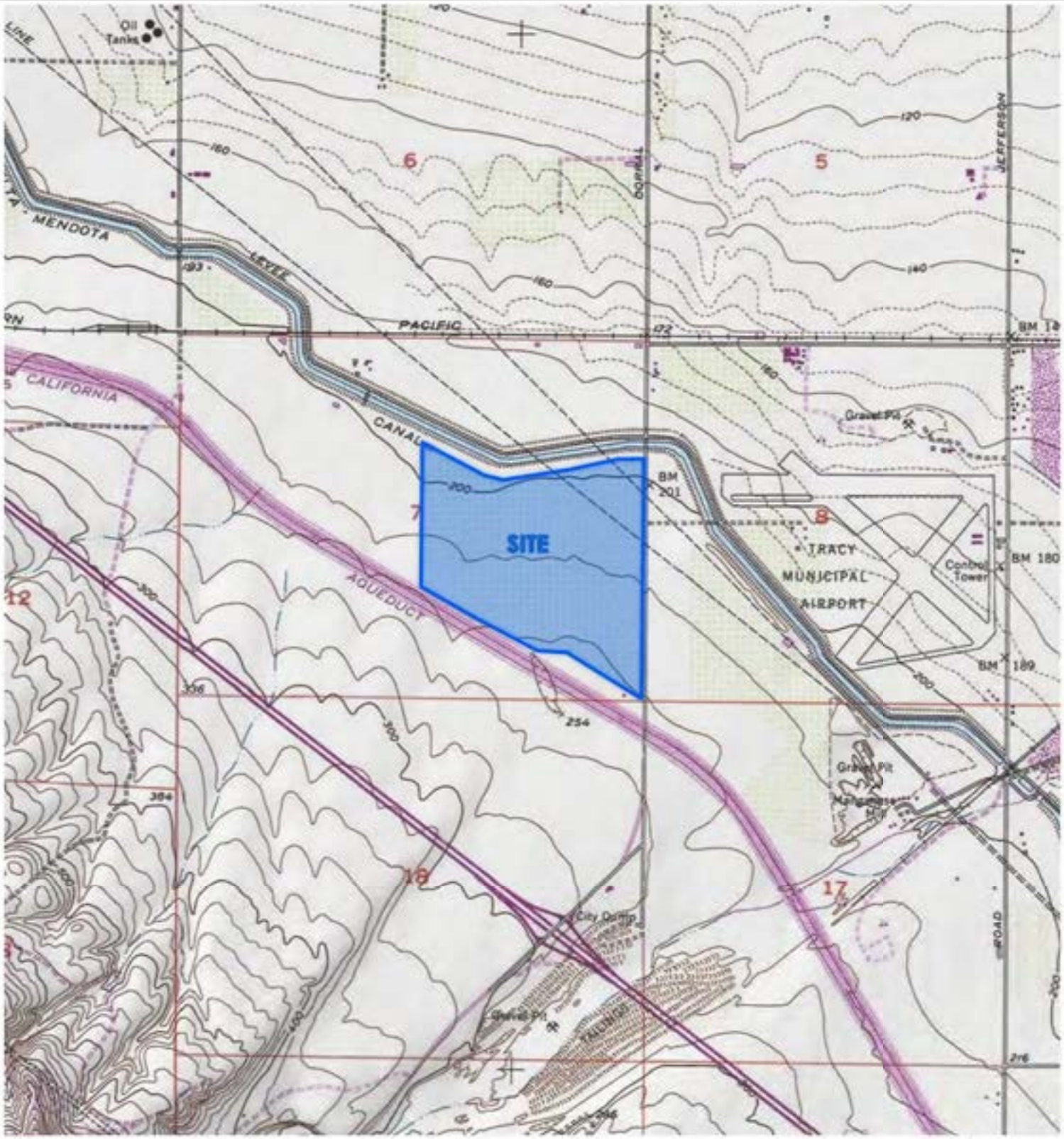
WallaceKuhl & ASSOCIATES

VICINITY MAP

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	1
DRAWN BY	RWO
CHECKED BY	NMM
PROJECT MGR	KMB
DATE	02/2021
WKA NO.	13041.02



Topographic Basemap Adapted from the USGS 7.5' Digital Map Series
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

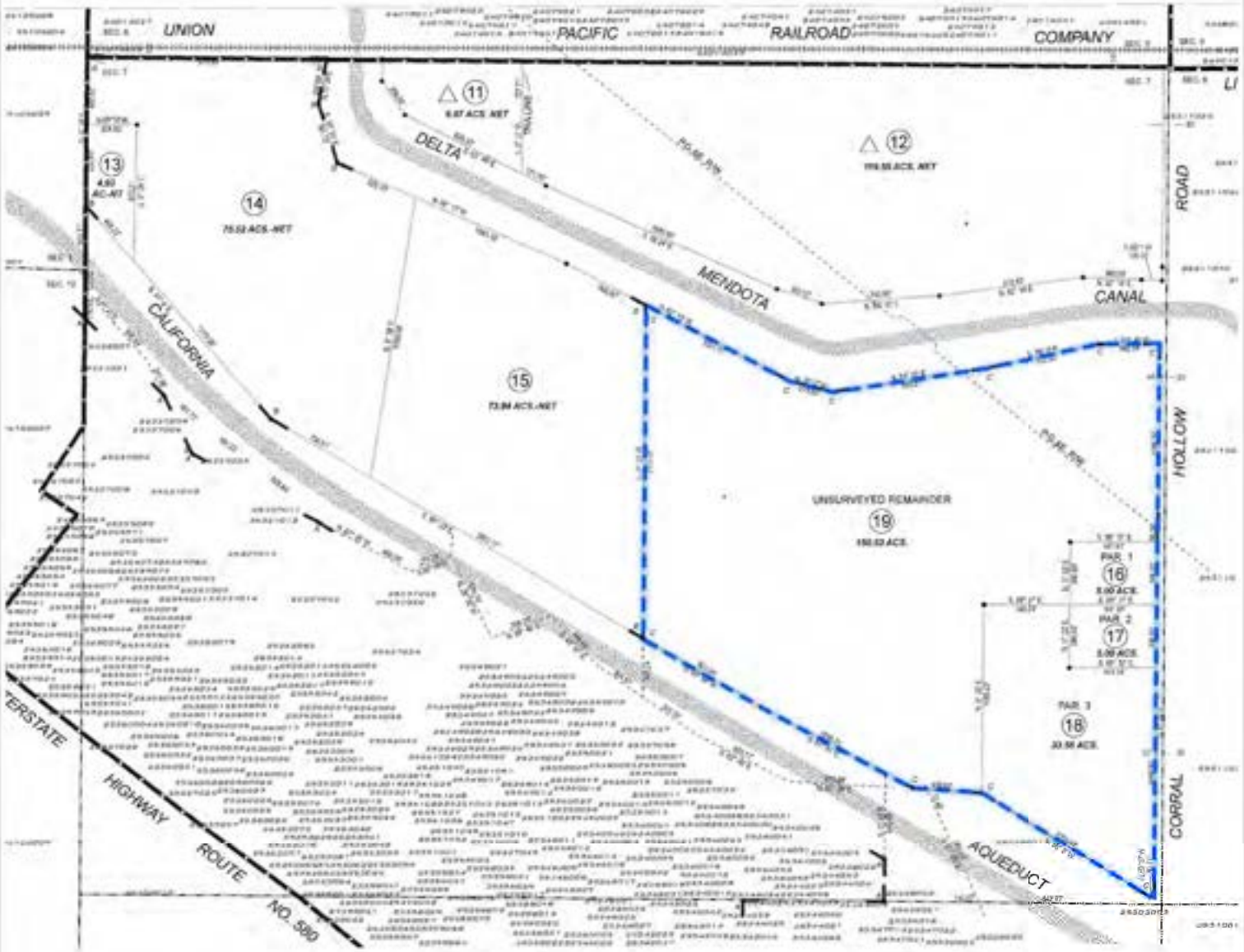
WallaceKuhl & ASSOCIATES

TOPOGRAPHIC MAP

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	2
DRAWN BY	RWO
CHECKED BY	NMM
PROJECT MGR	KMB
DATE	02/2021
WKA NO.	13041.02



Parcel Map provided by the County of San Joaquin Assessor's Office. Book 253, page 2.
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

WallaceKuhl & ASSOCIATES

PARCEL MAP

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	3
DRAWN BY	RWO
CHECKED BY	NMM
PROJECT MGR	KMB
DATE	02/2021
WKA NO.	13041.02



Aerial imagery provided by Esri.
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

WallaceKuhl & ASSOCIATES

AERIAL SITE MAP

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	4
DRAWN BY	RWO
CHECKED BY	NMM
PRCJECT MGR	KMB
DATE	02/2021
WKA NO.	13041.02



Looking west at a typical row or orchard trees.



Looking west at the fenced area where an irrigation well, semi-truck, and AST are located on the northern portion.



Looking north at the semi-truck attached to the irrigation well.



Looking at a an area of stained soil beneath the semi-truck.

Wallace Kuhl

COLOR PHOTOGRAPHS

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	5a
DRAWN BY	NMM
CHECKED BY	KMB
PROJECT MGR	KMB
DATE	2/21

WKA NO. 13041.02



Looking at empty one and two-gallon containers within the fenced area on the northwestern portion of the Site.



Looking at an AST within the fenced area.



Looking at a pile of irrigation hose located to the southeast of the fenced area on the northwestern portion of the Site.



Looking south at the western portion of the Site.

Wallace Kuhl

COLOR PHOTOGRAPHS

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	5b
DRAWN BY	NMM
CHECKED BY	KMB
PROJECT MGR	KMB
DATE	2/21

WKA NO. 13041.02



Looking west at a fenced area on the northeastern portion of the Site associated with the pipelines that transect the Site.



Looking at pipeline markers along near Corral Hollow Road.



Looking at a second fences area on the southeastern portion of the Site.



Looking at the PG&E gas main shut off/valve facility.

Wallace Kuhl

COLOR PHOTOGRAPHS

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	5c
DRAWN BY	NMM
CHECKED BY	KMB
PROJECT MGR	KMB
DATE	2/21

WKA NO. 13041.02



Looking at a pile of debris located to the west of the fenced area on the southeastern portion of the Site.



Looking west-northwest at typical orchard trees.



Looking east at rows of orchard trees.



Looking at a water meter located at the southwestern corner of the Site.

Wallace Kuhl

COLOR PHOTOGRAPHS

TRACY HILLS LOGISTICS PARK PROPERTY

Tracy, California

FIGURE	5d
DRAWN BY	NMM
CHECKED BY	KMB
PROJECT MGR	KMB
DATE	2/21

WKA NO. 13041.02

APPENDIX A
RESUMES

NANCY M. MALARET

PROJECT ENVIRONMENTAL SCIENTIST

Ms. Malaret has been employed in the environmental field since 2003. She graduated from University of California, Davis with a degree in Hydrologic Science.

Ms. Malaret worked for the Florida Department of Health for four years. She assisted with the coordination of sampling potable water wells throughout the state of Florida. Ms. Malaret used GIS mapping techniques to identify private potable wells located near commercial and industrial facilities that may have contaminated the groundwater. She coordinated the sampling of the wells and the analysis of water samples collected. She worked with the Florida Department of Environmental Protection to place filters on the private wells with contaminated water. Ms. Malaret also worked with the Health Assessment Team at the Florida Department of Health. She conducted human health risk assessments based on groundwater and soil data collected during contamination assessments of industrial facilities. Ms. Malaret used the Agency for Toxic Substances and Disease Registry's Public Health Assessment Guidelines to evaluate resident's risk of illness from exposure to contaminated groundwater and surface soils. Ms. Malaret used Risk Assistant software to determine dose estimates and compared the results with toxicological studies. Ms. Malaret's human health risk assessments focused on sites with Volatile Organic Compounds, Semi-volatile Organic Compounds, and metals contamination.

Ms. Malaret has six years of experience in due diligence. Her Phase I Environmental Site Assessment experience includes wooded, rural, and urban properties. Her investigations have involved multiple parcel sites with extensive history, large-scale residential subdivisions, office buildings, gasoline stations, dry cleaners, and heavy equipment manufacturing and repair facilities. Ms. Malaret has conducted multiple corridor assessments along roadways being prepared for expansion or improvements. She also conducted a Hazardous, Toxic, and Radioactive Waste Assessment for the United States Army Corps of Engineers on a 20-mile stretch of the St. Johns River in Jacksonville, Florida. Ms. Malaret conducted soil and groundwater sampling associated with Phase II Environmental Site Assessments. Ms. Malaret coordinated long-term groundwater sampling events for sites with residual petroleum contamination.

Ms. Malaret has worked with communities impacted by contamination, local, state, and federal government agencies, banks and developers.

Moody Property, Vacaville, CA: Ms. Malaret managed the Phase I Environmental Site Assessment of a 38.5-acre property of undeveloped land located in Vacaville to support the redevelopment of the property into a residential development.

Woodmere Property, Folsom, CA: Ms. Malaret managed the Phase I Environmental Site Assessment of a 2.5-acre property developed with an office building. Historical research of the property included evaluating former mining operations at the site.

Mercantile Property, Rancho Cordova, CA: Ms. Malaret managed the Phase I Environmental Site Assessment of a 4.1-acre property developed with a commercial building. Evaluation of regulatory facilities within the site vicinity included the former Aerojet Facility.

HIGHER EDUCATION:

University of California, Davis
Bachelor of Science, Hydrologic Science (1999)

KURT M. BALASEK

SENIOR HYDROGEOLOGIST/DIRECTOR OF ENVIRONMENTAL SERVICES

Mr. Balasek has provided a leadership role in hydrogeologic and environmental consulting in the Western US. since 1989. His experience includes, residential and commercial land development, litigation support, permitting, regulatory compliance and technical team building. Mr. Balasek and his team have conducted a wide range of impacted soil and groundwater investigations, mine location and reclamation activities, water resource evaluations and conjunctive use studies. Mr. Balasek has supported municipal efforts to redevelop blighted neighborhoods using private and federal funding and has prepared successful grant applications for EPA Brownfield funding. Mr. Balasek has facilitated public stakeholder processes, organized public comments and used the information gathered from these efforts to prioritize neighborhood and regional site investigations and remedial activities.

Mr. Balasek specializes in unique approaches to problem solving and leverages nearly 30 years of regulatory relationships to assist clients facing enforcement actions. Mr. Balasek has saved his clients hundreds of thousands of dollars in reduced fines, monitoring requirements or realized project efficiencies.

SELECTED PROJECT EXPERIENCE

Stockton Worknet, Stockton, CA: Project was conducted for the City of Stockton Redevelopment Agency and involved delineation, removal and disposal for hydrocarbon and lead-contaminated soil discovered during a construction project. The project also involved a component of public outreach because a children's museum was located immediately adjacent to the site.

Hayden Hill Mine, Lassen, CA: Project consisted of third party review of mine closure plan for Lassen County. Provided technical assistance to Lassen County Planning Commission to facilitate permanent closure of large open pit mine.

Willow Creek, Folsom, CA: Project involved site investigation and subsequent removal of petroleum hydrocarbon-contaminated soil to facilitate private development of commercial property. Under my direction, I facilitated the investigation, excavation and coordination of closure petitions.

City of West Sacramento, West Sacramento, CA: Multiple Projects. These projects involved initial site evaluation of several hundred individual sites for the redevelopment of West Sacramento. Subsequent work involved site investigation and remediation of several sites under U.S. EPA Grants. Provided technical assistance to City staff and collaborated with them to best utilize the public funds and coordinate public outreach. Provided emergency consultation related to peroxide release at city water treatment plant and provides on-going management and monitoring of groundwater pump and treat system at the Port of Sacramento

Rominger Property, Winters, CA (on-going): This project involves detailed site investigation, hydrogeologic analysis and evaluation, and the selection of appropriate remediation technologies for a large plume of (MTBE) contamination on an Ag-industrial site. Project involvement included client and regulatory interaction.

HIGHER EDUCATION:

University of California, Santa Barbara
BA, Geological Sciences (1986)
California State University, Chico
MS, Hydrogeology/Hydrology (1990)

PROFESSIONAL REGISTRATIONS:

Professional Geologist No. 6162, CA
Certified Hydrogeologist No. 299, CA
Qualified Storm Water Developer
California Engineering Contractor A-Haz, C-57,

APPENDIX B

ASTM E 1527-13 User Questionnaire
and Helpful Documents Checklist

HELPFUL DOCUMENTS
TRACY HILLS LOGISTICS PARK PROPERTY

Are you aware of any of the below-listed reports, as they relate specifically to the property?

_____ Yes ____ No (if yes, please check all that apply):

- ❑ Environmental Site Assessment reports (Phase I ESA, Asbestos sampling reports, etc.)
- ❑ Environmental Compliance Audit reports
- ❑ Geotechnical Reports
- ❑ Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- ❑ Registrations for underground or above ground storage tanks
- ❑ Registrations for underground injection systems
- ❑ Material Safety Data Sheets
- ❑ Community Right-to-Know plan
- ❑ Safety Plan
- ❑ Reports regarding Hydrogeologic conditions on the property or surrounding area
- ❑ Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- ❑ Hazardous waste generator notices, or reports
- ❑ Environmental Impact Reports (draft and/or final)
- ❑ Risk assessments
- ❑ Recorded AULs

If any of the above listed documents are available, will copies be provided to WKA for review?

_____ Yes ____ No N A

Completed by S e en A

Date: e

Title: ne

Signature: 

E 1527-13 USER QUESTIONNAIRE
TRACY HILLS LOGISTICS PARK PROPERTY

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*[2] 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.) Have you performed a search for environmental cleanup liens and AULs, as described under *User Obligations* in the attached proposal, for the *property?* N

(2.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? N

(3.) Are you aware of any 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? N

(4.) As the *user* of the report, 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? N

(5.) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? 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 on the *property*? Ye

(6.) 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*? If so, what were they?

A i e A nd d

(b.) What, if any, specific chemicals are present or once were present at the *property*?

Re ed pe i ide pp ied N ien A S i n e e e en
e e ed Se e See e die e pi ide p pe ine

[2] User, as defined in the ASTM Standard is "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outline in Section 6 [of the ASTM Standard]."

E 1527-13 USER QUESTIONNAIRE (cont.)
TRACY HILLS LOGISTICS PARK PROPERTY

Questions 6 continued:

(c.) What, if any, spills or other chemical releases have taken place at the *property*?

N ed i ed die e i n nd nde die e n i n ide e n
p pe ine T en ine ein ed p e e p p i i in N ed n
p pe ine Se e n e n i e p e n en n n n

(d.) What, if any, environmental cleanups have taken place at the *property*?

N n ed e

(7.) 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*?

See

COMPLETION:

I have completed this User Questionnaire to the best of my knowledge and provided all information to the environmental professional as of the following date:

Completed by: S e en A

Date: e

Title: ne

Signature: 

Phone Number:

See e

Relationship to the Site (i.e., owner, lender, property manager): e e pe e

APPENDIX C

Supporting Documents

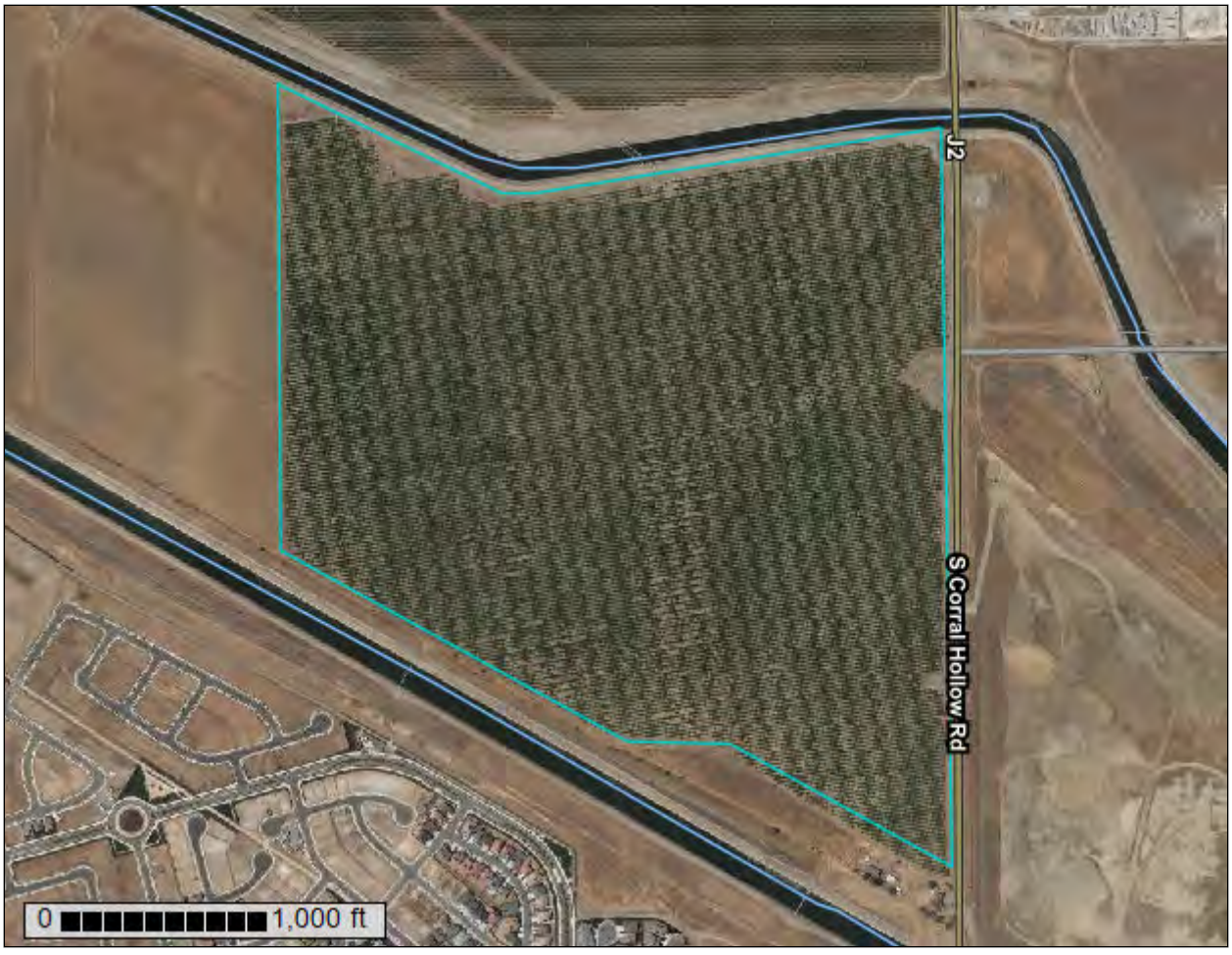
United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for San Joaquin County, California



January 29, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:7,730 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 100 200 400 600

Feet
0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Joaquin County, California
Survey Area Data: Version 14, May 29, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 16, 2020—Jun 19, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
118	Capay clay, 0 to 1 percent slopes, MLRA 17	47.9	23.8%
281	Zacharias clay loam, 0 to 2 percent slopes	149.2	74.2%
282	Zacharias gravelly clay loam, 0 to 2 percent slopes	4.0	2.0%
Totals for Area of Interest		**201.2**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or

landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

San Joaquin County, California

118—Capay clay, 0 to 1 percent slopes, MLRA 17

Map Unit Setting

National map unit symbol: 2xc8q
Elevation: 20 to 350 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 61 to 63 degrees F
Frost-free period: 318 to 337 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Capay and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Capay

Setting

Landform: Basin floors
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Clayey alluvium derived from sedimentary rock

Typical profile

Ap - 0 to 11 inches: clay
A - 11 to 20 inches: clay
Bss1 - 20 to 30 inches: clay
Bss2 - 30 to 39 inches: clay
Bk1 - 39 to 51 inches: clay
Bk2 - 51 to 60 inches: clay

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: Frequent
Calcium carbonate, maximum content: 1 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.2 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water capacity: Moderate (about 9.0 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: C

Hydric soil rating: No

Minor Components

Stomar

Percent of map unit: 5 percent
Hydric soil rating: No

Vernalis

Percent of map unit: 4 percent
Hydric soil rating: No

Willows

Percent of map unit: 4 percent
Landform: Valley floors
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: Yes

Unnamed, water table at 48 inches

Percent of map unit: 2 percent
Hydric soil rating: No

281—Zacharias clay loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hhxt
Elevation: 50 to 300 feet
Mean annual precipitation: 11 inches
Mean annual air temperature: 61 degrees F
Frost-free period: 260 to 280 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Zacharias and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Zacharias

Setting

Landform: Alluvial fans, stream terraces
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from mixed rock sources

Typical profile

A - 0 to 19 inches: clay loam
Bw - 19 to 53 inches: clay loam

C - 53 to 60 inches: gravelly clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 4c
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Unnamed, calc soils underlain by grav

Percent of map unit: 3 percent
Hydric soil rating: No

Reiff

Percent of map unit: 3 percent
Hydric soil rating: No

Vernalis

Percent of map unit: 3 percent
Hydric soil rating: No

Capay

Percent of map unit: 3 percent
Hydric soil rating: No

Stomar

Percent of map unit: 3 percent
Hydric soil rating: No

282—Zacharias gravelly clay loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hhxv
Elevation: 50 to 300 feet
Mean annual precipitation: 11 inches
Mean annual air temperature: 61 degrees F
Frost-free period: 260 to 280 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Zacharias and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Zacharias

Setting

Landform: Alluvial fans, stream terraces
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from mixed rock sources

Typical profile

A - 0 to 14 inches: gravelly clay loam
Bw - 14 to 30 inches: gravelly clay loam
C - 30 to 60 inches: gravelly loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Moderate (about 6.7 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: C
Hydric soil rating: No

Minor Components

Xerorthents

Percent of map unit: 2 percent
Hydric soil rating: No

Vernalis

Percent of map unit: 2 percent
Hydric soil rating: No

Xerofluvents

Percent of map unit: 2 percent
Landform: Drainageways
Hydric soil rating: Yes

Capay

Percent of map unit: 2 percent
Hydric soil rating: No

Cortina

Percent of map unit: 2 percent
Hydric soil rating: No

Stomar

Percent of map unit: 2 percent
Hydric soil rating: No

Unnamed, very gravelly med text surface

Percent of map unit: 2 percent
Hydric soil rating: No

Unnamed, coarse textured substratum

Percent of map unit: 1 percent
Hydric soil rating: No

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Tracy Hills Logistics Park Property
South Corral Hollow Road
Tracy, CA 95377

Inquiry Number: 6347738.3
January 28, 2021

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01/28/21

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EDR Inquiry # 6347738.3

Client Name:

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EDR Historical Topo Map Report

01/28/21

Site Name:

Tracy Hills Logistics Park Prop
South Corral Hollow Road
Tracy, CA 95377
EDR Inquiry # 6347738.4

Client Name:

Wallace - Kuhl & Associates
3050 Industrial Boulevard
West Sacramento, CA 95691
Contact: Nancy Malaret

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

Search Results:

P.O.# NA
Project: 13041.02

Coordinates:

Latitude:	37.687174 37° 41' 14" North
Longitude:	-121.458032 -121° 27' 29" West
UTM Zone:	Zone 10 North
UTM X Meters:	635957.92
UTM Y Meters:	4172225.85
Elevation:	222.00' above sea level

Maps Provided:

2012
1981
1968
1954
1947
1942
1922
1916

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Topo Sheet Key

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

2012 Source Sheets



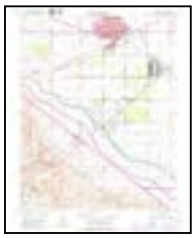
Tracy
2012
7.5-minute, 24000

1981 Source Sheets



Tracy
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1968 Source Sheets



Tracy
1968
7.5-minute, 24000
Aerial Photo Revised 1968

1954 Source Sheets



Tracy
1954
7.5-minute, 24000
Aerial Photo Revised 1949

Topo Sheet Key

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

1947 Source Sheets



CARBONA
1947
15-minute, 50000

1942 Source Sheets



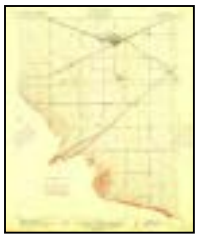
Carbona
1942
15-minute, 62500
Aerial Photo Revised 1937

1922 Source Sheets



Carbona
1922
15-minute, 62500

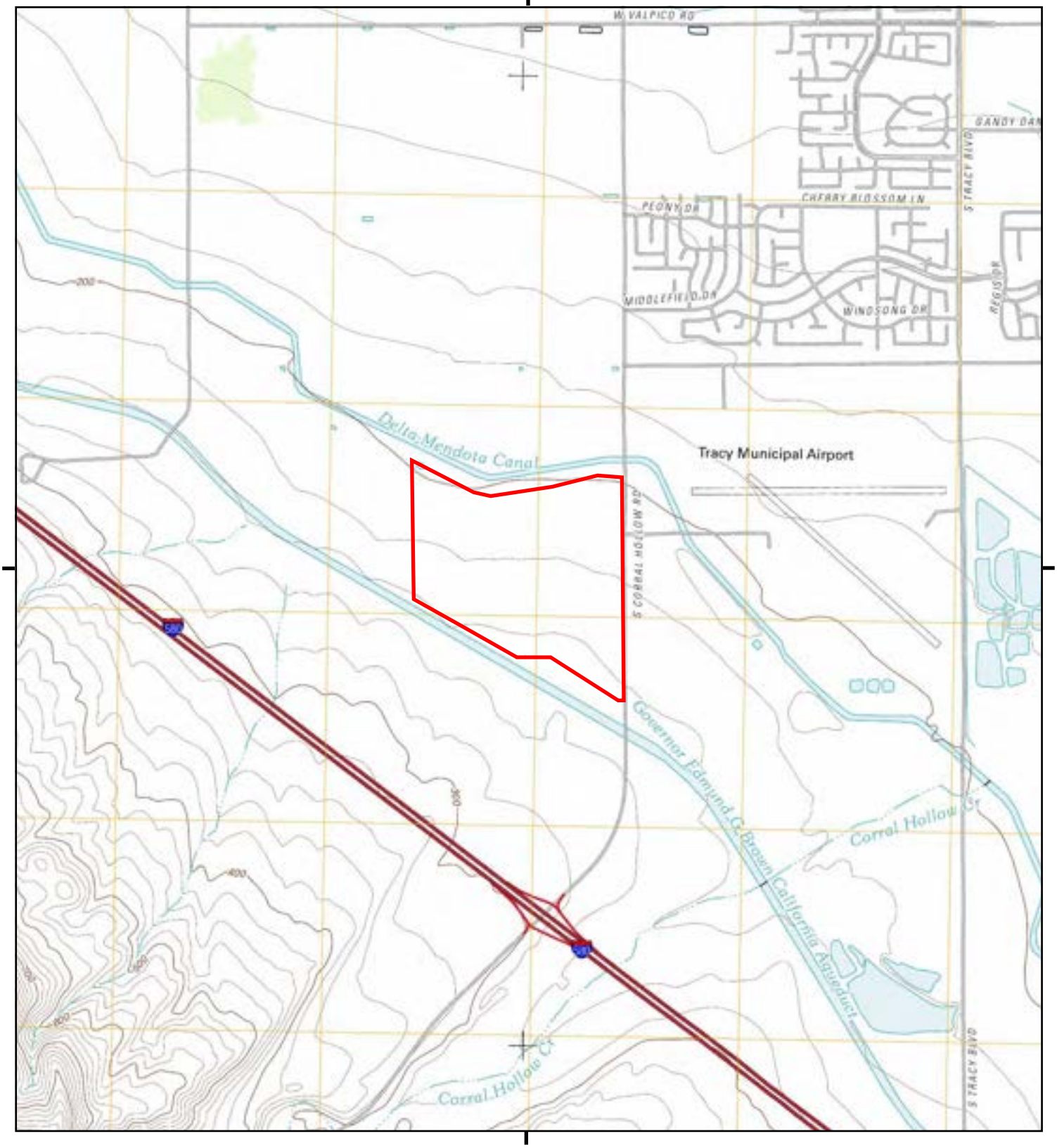
1916 Source Sheets



Tracy
1916
7.5-minute, 31680

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

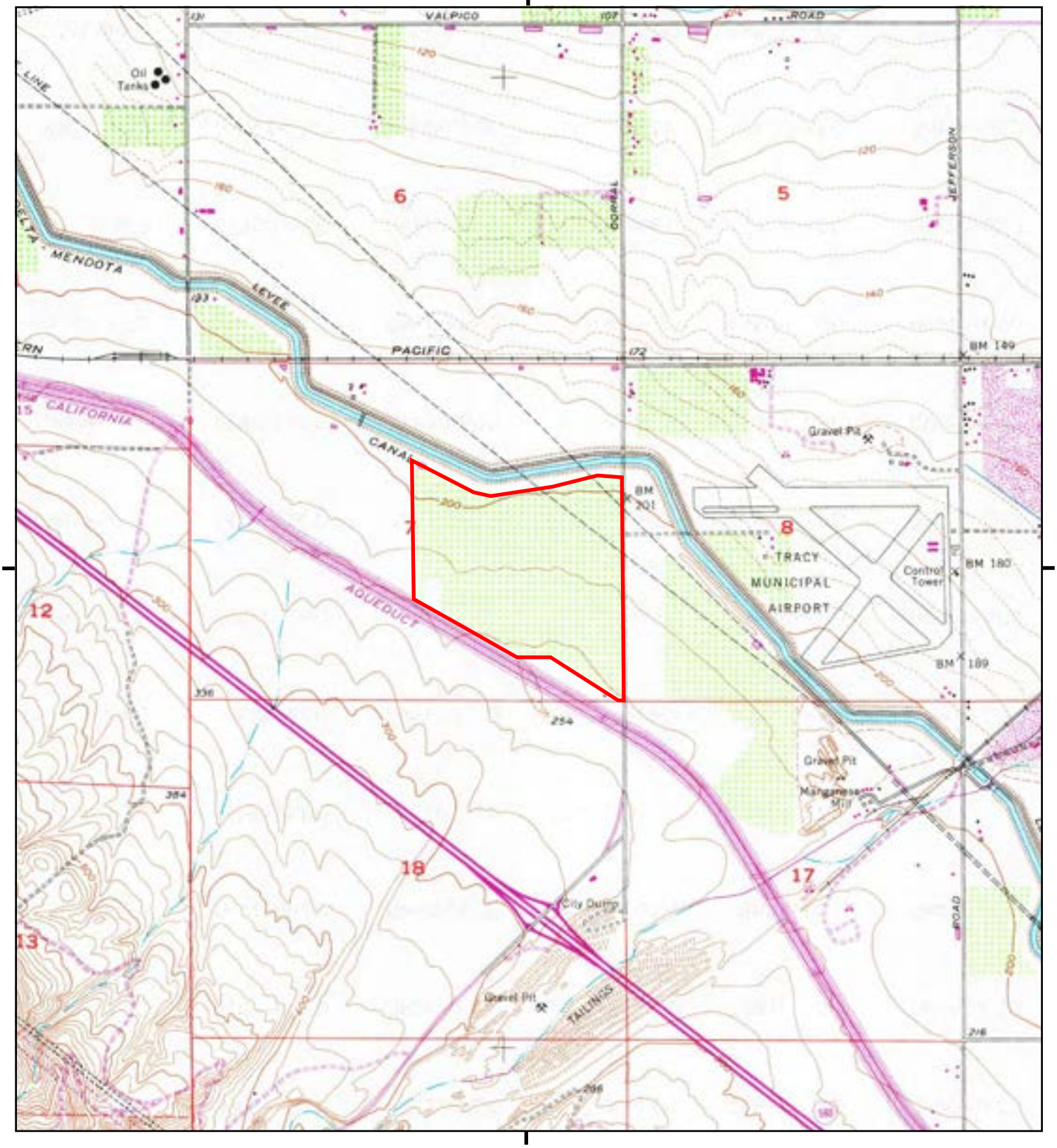
TP, Tracy, 2012, 7.5-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

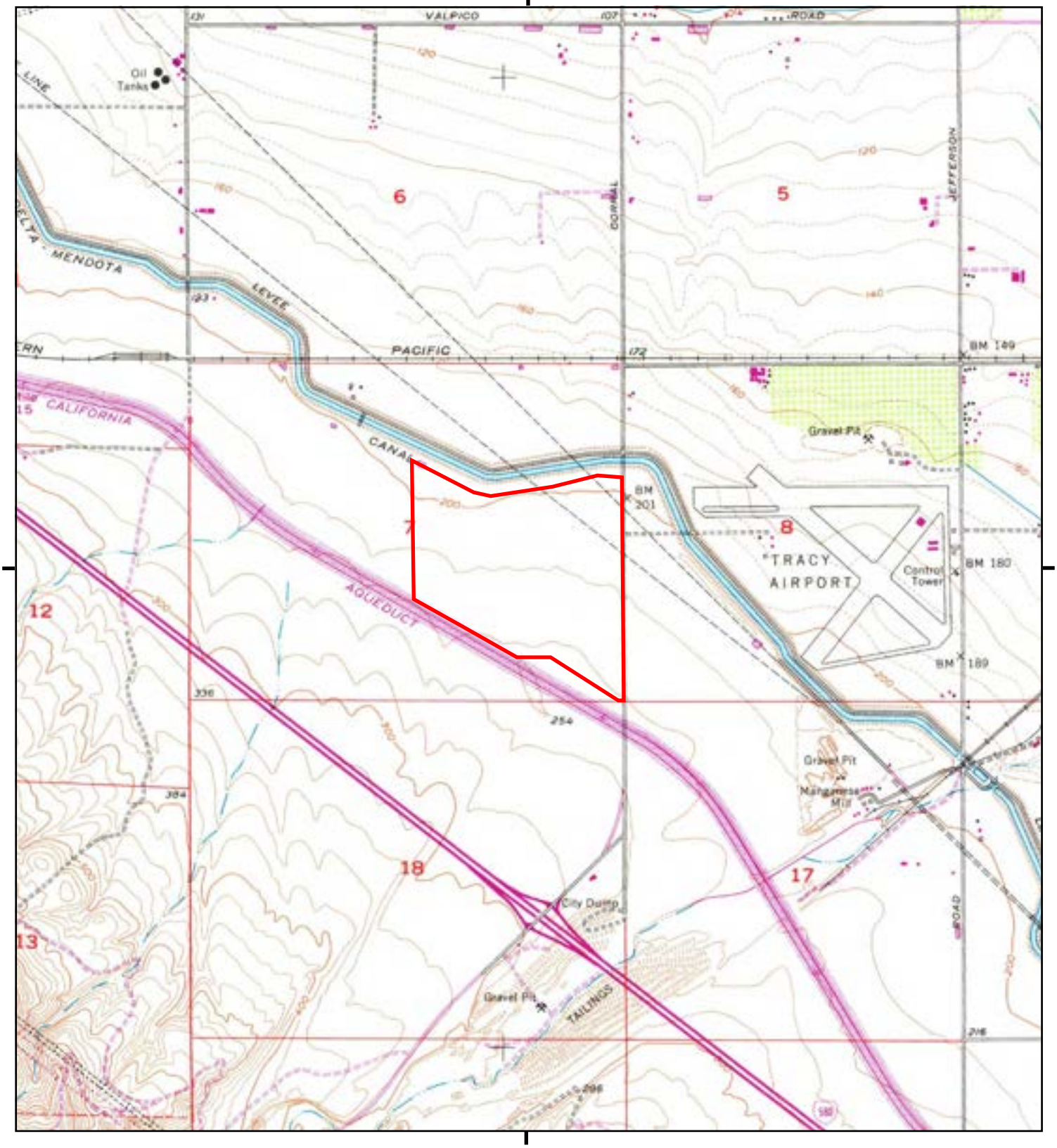
TP, Tracy, 1981, 7.5-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1968



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

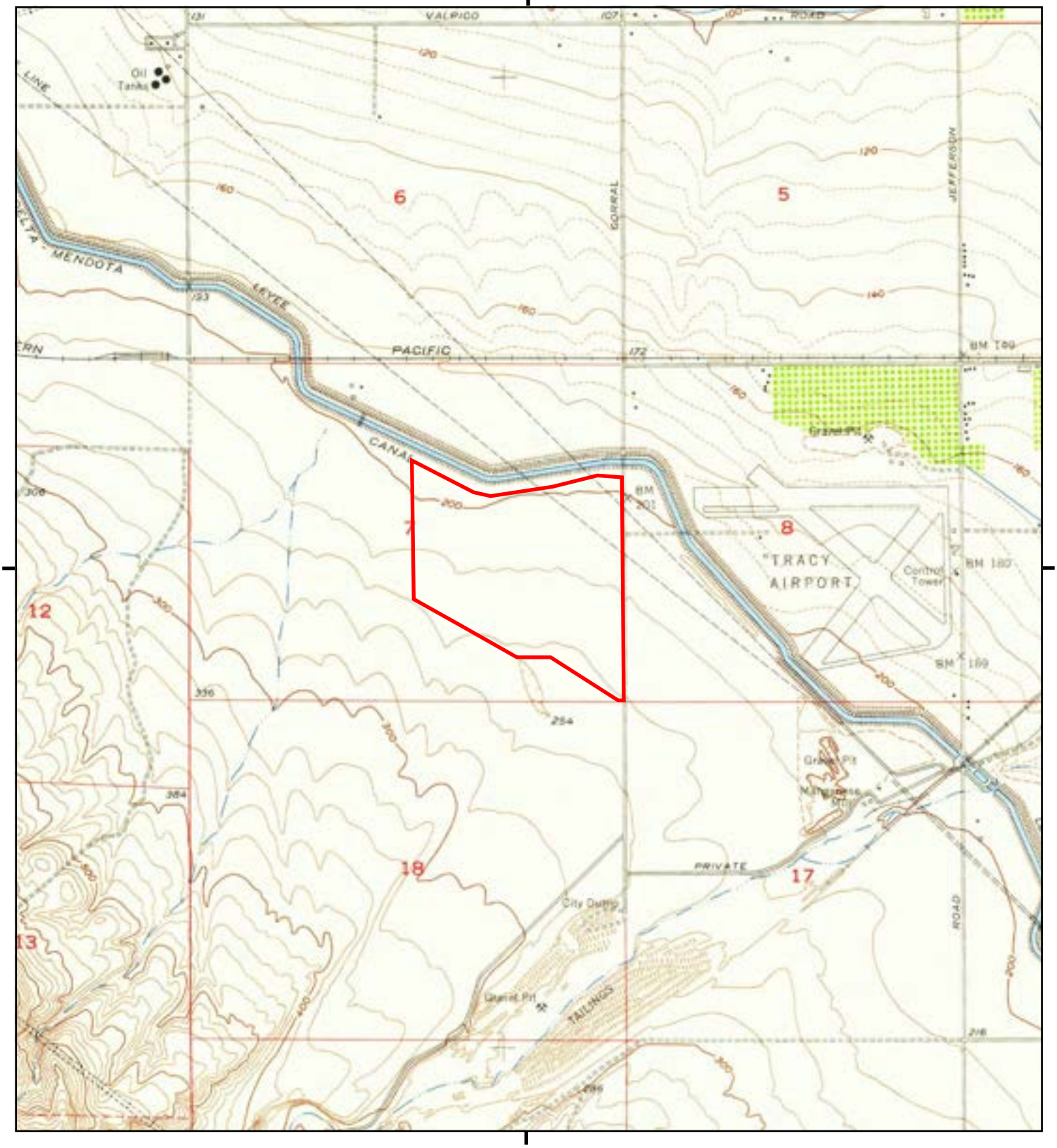
TP, Tracy, 1968, 7.5-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1954



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

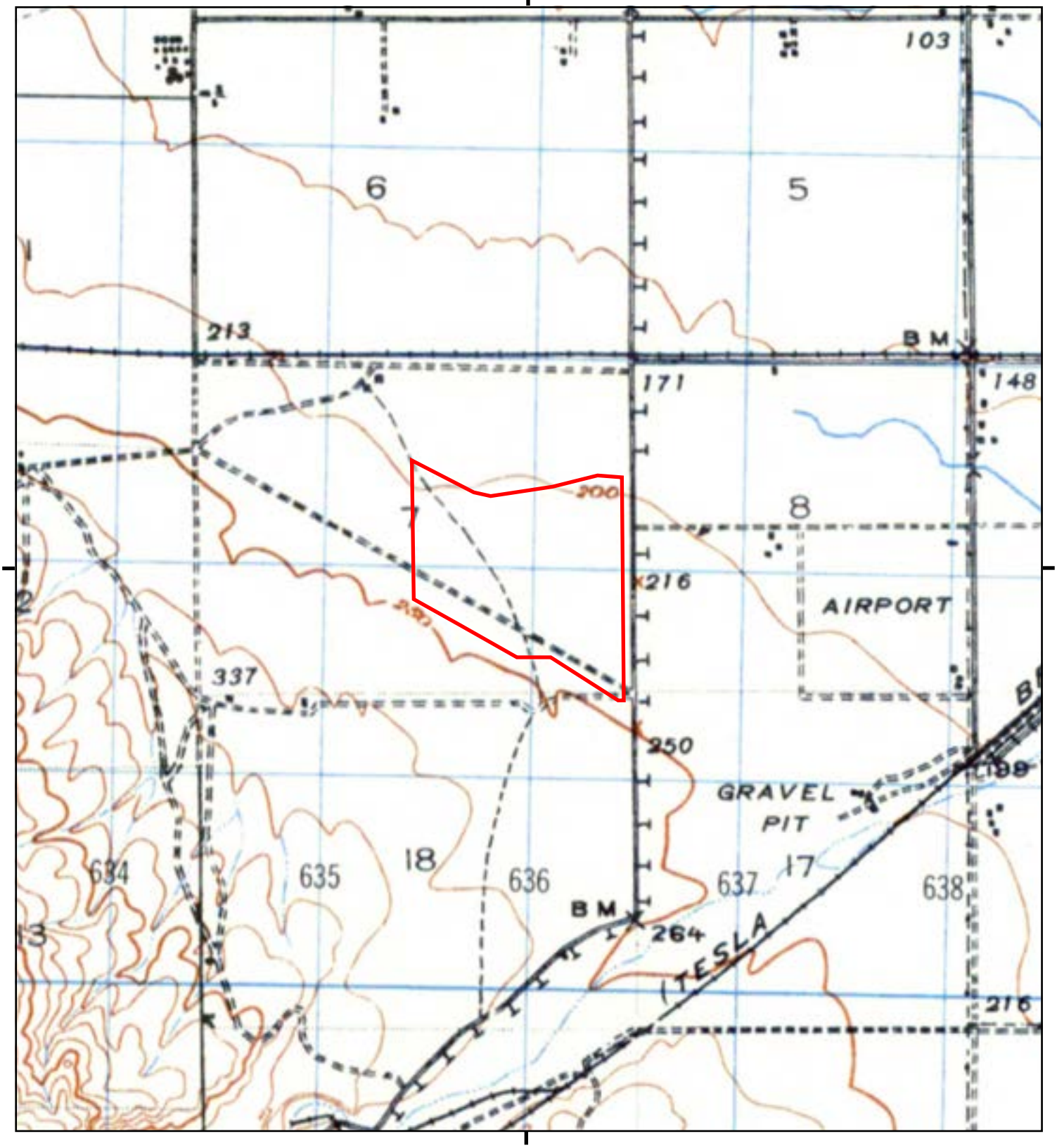
TP, Tracy, 1954, 7.5-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

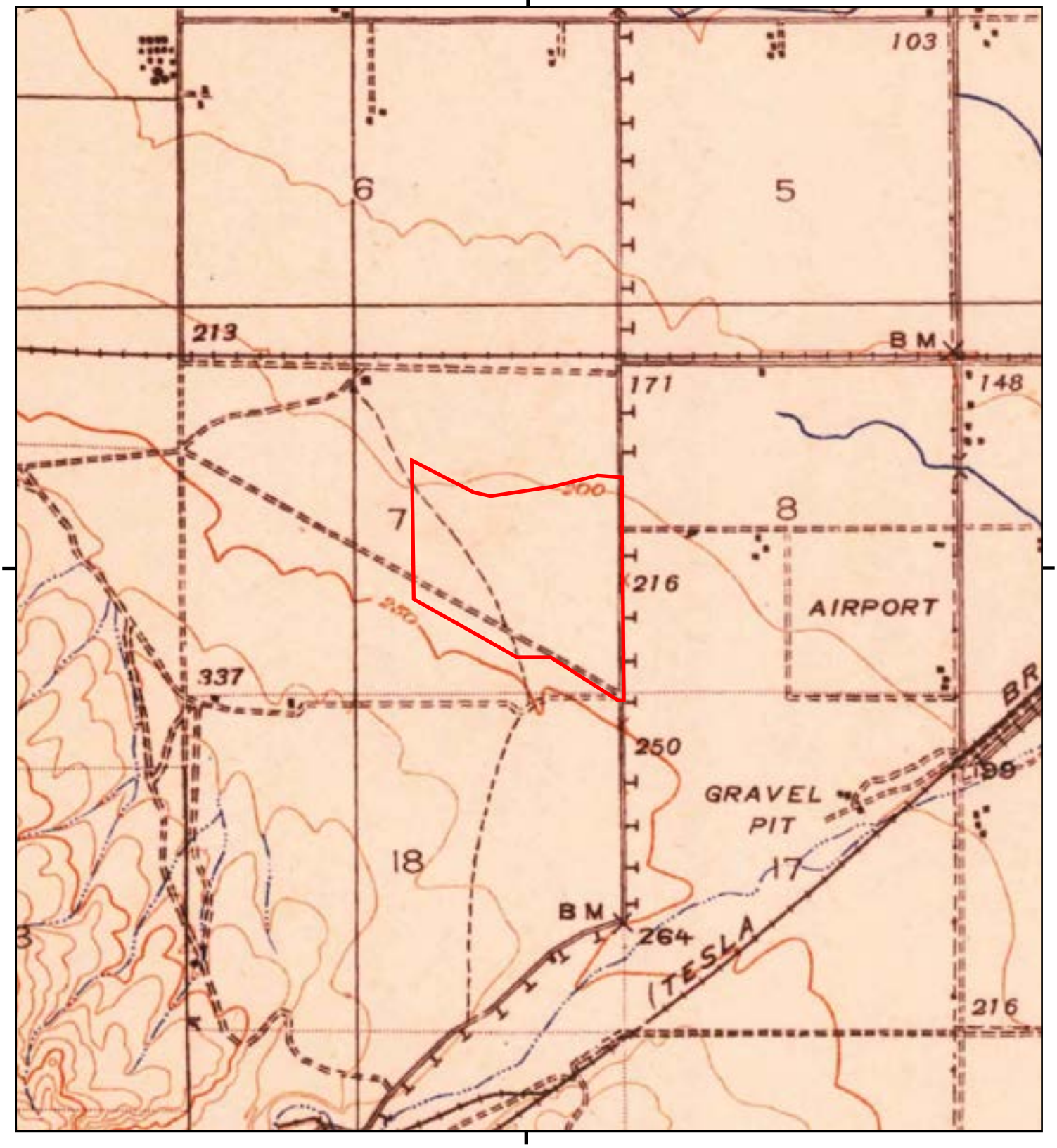
TP, CARBONA, 1947, 15-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

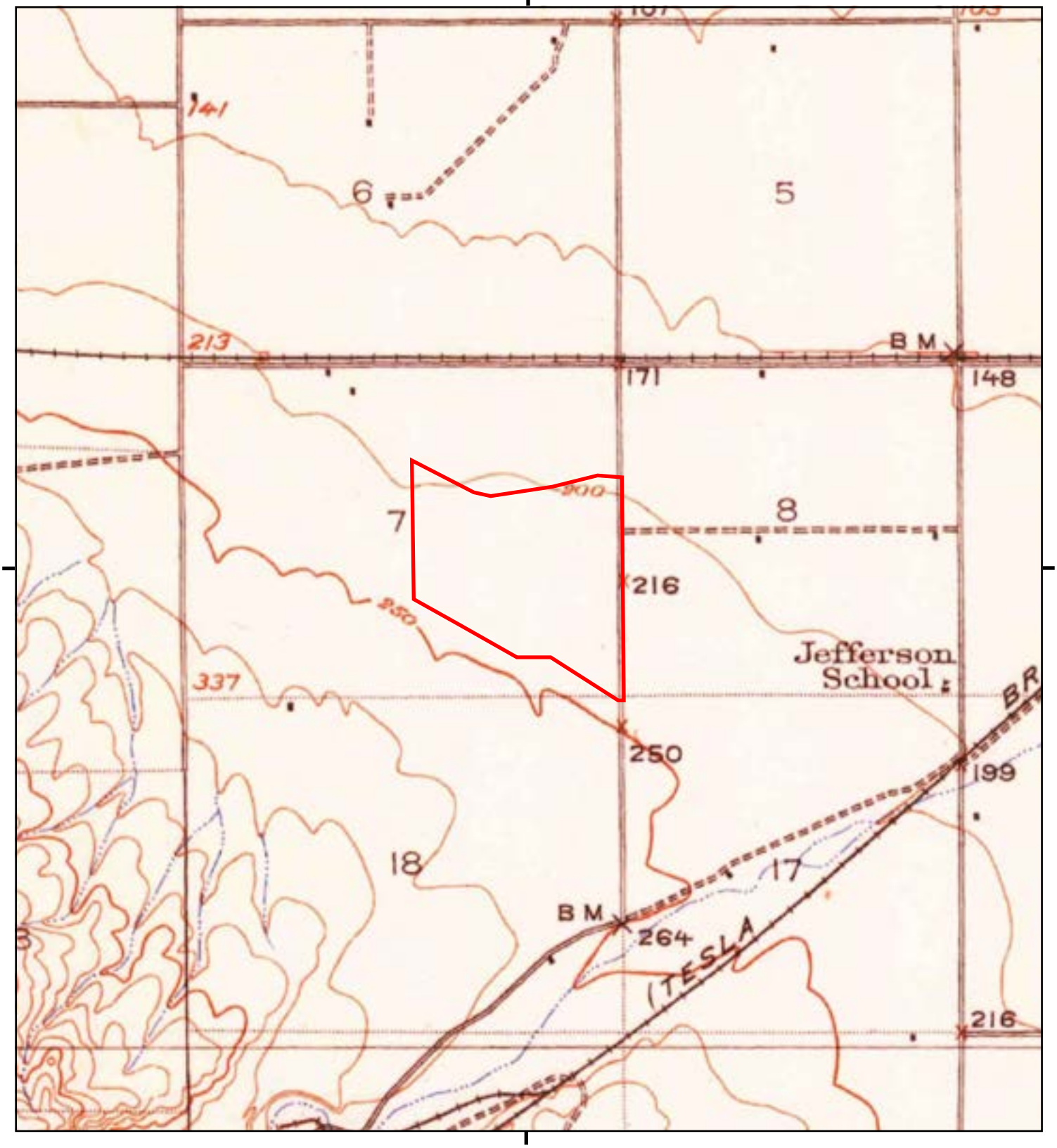
TP, Carbona, 1942, 15-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1922



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

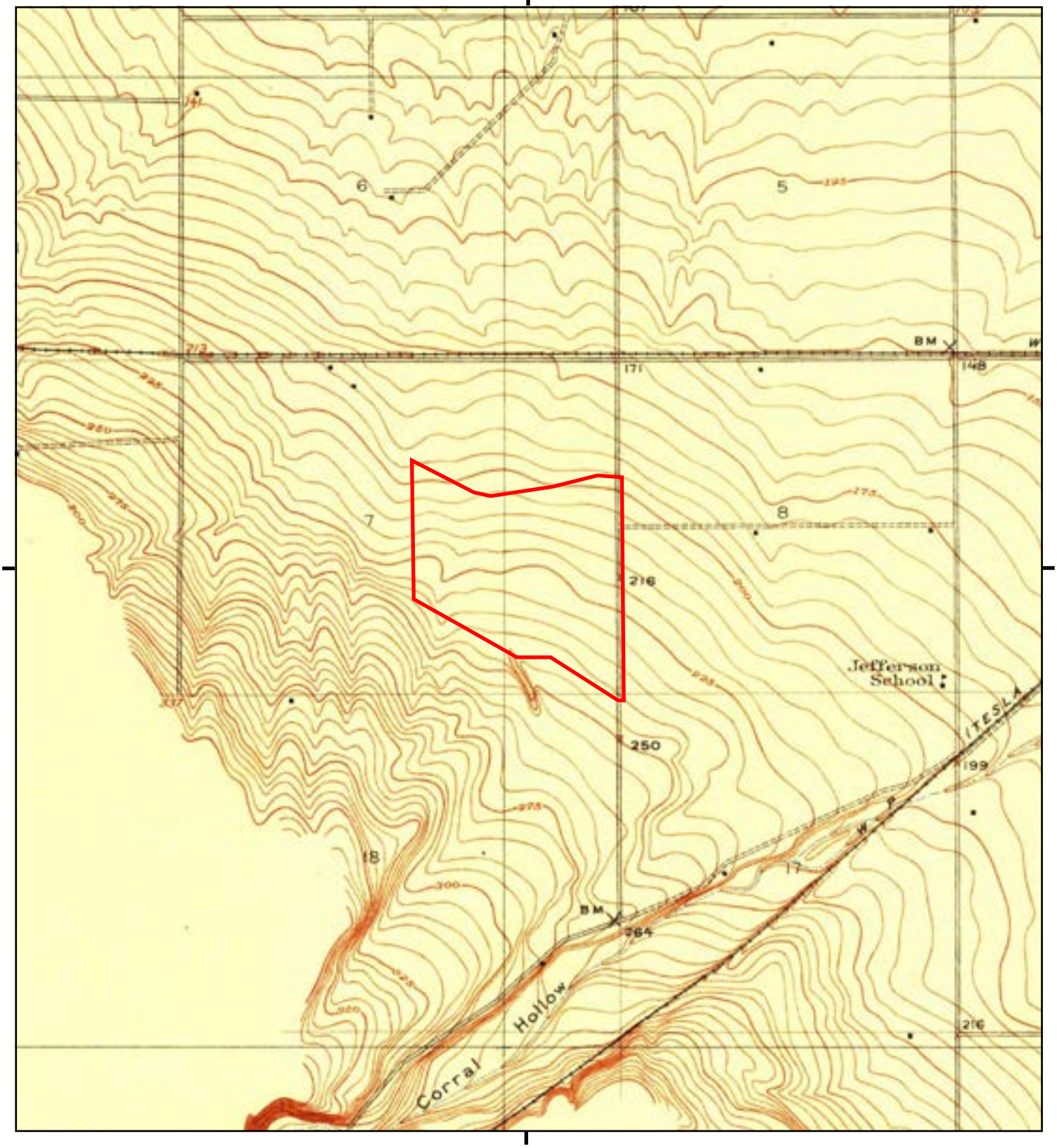
TP, Carbona, 1922, 15-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Historical Topo Map

1916



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, Tracy, 1916, 7.5-minute

SITE NAME: Tracy Hills Logistics Park Property
ADDRESS: South Corral Hollow Road
Tracy, CA 95377
CLIENT: Wallace - Kuhl & Associates

N

Tracy Hills Logistics Park Property

South Corral Hollow Road

Tracy, CA 95377

Inquiry Number: 6347738.8

January 28, 2021

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

01/28/21

Site Name:

Tracy Hills Logistics Park Prop
South Corral Hollow Road
Tracy, CA 95377
EDR Inquiry # 6347738.8

Client Name:

Wallace - Kuhl & Associates
3050 Industrial Boulevard
West Sacramento, CA 95691
Contact: Nancy Malaret

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2009	1"=625'	Flight Year: 2009	USDA/NAIP
2006	1"=625'	Flight Year: 2006	USDA/NAIP
1993	1"=625'	Acquisition Date: June 15, 1993	USGS/DOQQ
1982	1"=625'	Flight Date: July 10, 1982	USDA
1975	1"=625'	Flight Date: November 11, 1975	Cartwright
1968	1"=625'	Flight Date: May 01, 1968	USGS
1963	1"=625'	Flight Date: June 01, 1963	USDA
1957	1"=625'	Flight Date: July 15, 1957	USDA
1949	1"=625'	Flight Date: October 13, 1949	USGS
1940	1"=625'	Flight Date: June 03, 1940	USDA
1937	1"=625'	Flight Date: September 17, 1937	USDA

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INQUIRY #: 6347738.8

YEAR: 2016

= 625'

N

EDR


INQUIRY #: 6347738.8
YEAR: 2012
= 625'
N
EDR



INQUIRY #: 6347738.8

YEAR: 2009

= 625'

N

EDR


INQUIRY #: 6347738.8
YEAR: 2006
= 625'
N
EDR



INQUIRY #: 6347738.8

YEAR: 1993

= 625'

N

EDR


INQUIRY #: 6347738.8
YEAR: 1982
= 625'
N
EDR


INQUIRY #: 6347738.8
YEAR: 1975
= 625'
N
EDR


INQUIRY #: 6347738.8
YEAR: 1968
= 625'
N
EDR



INQUIRY #: 6347738.8

YEAR: 1963

= 625'

N

EDR


INQUIRY #: 6347738.8
YEAR: 1957
= 625'
N
EDR



INQUIRY #: 6347738.8

YEAR: 1949

= 625'

N

EDR



INQUIRY #: 6347738.8

YEAR: 1940

= 625'

N

EDR


INQUIRY #: 6347738.8
YEAR: 1937
= 625'
N
EDR

Tracy Hills Logistics Park Property
South Corral Hollow Road
Tracy, CA 95377

Inquiry Number: 6347738.5
February 01, 2021

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

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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 city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1985	☑	☐	Haines Criss-Cross Directory
1981	☑	☐	Haines Criss-Cross Directory
1977	☑	☐	Haines Criss-Cross Directory
1974	☑	☐	Haines Criss-Cross Directory
1971	☑	☐	Haines Criss-Cross Directory
1966	☐	☐	Polk's City Directory
1963	☐	☐	Polk's City Directory
1959	☐	☐	Polk's City Directory

EXECUTIVE SUMMARY

Year	***Target Street***	***Cross Street***	***Source***

FINDINGS

TARGET PROPERTY STREET

South Corral Hollow Road
Tracy, CA 95377

Year	*CD Image*	*Source*	
S CORRAL HOLLOW RD			
2017	pg A2	EDR Digital Archive	
2014	pg A7	EDR Digital Archive	
2010	pg A14	EDR Digital Archive	
2005	pg A21	EDR Digital Archive	
2000	pg A27	EDR Digital Archive	
1995	pg A31	EDR Digital Archive	
1992	pg A34	EDR Digital Archive	
1985	pg A38	Haines Criss-Cross Directory	
1985	pg A39	Haines Criss-Cross Directory	
1981	pg A42	Haines Criss-Cross Directory	
1981	pg A43	Haines Criss-Cross Directory	
1977	pg A46	Haines Criss-Cross Directory	
1977	pg A47	Haines Criss-Cross Directory	
1974	pg A49	Haines Criss-Cross Directory	
1974	pg A50	Haines Criss-Cross Directory	
1971	pg A52	Haines Criss-Cross Directory	
1971	pg A53	Haines Criss-Cross Directory	
1966	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source
S TRACY BLVD			
2017	pg A4	EDR Digital Archive	
2014	pg A10	EDR Digital Archive	
2010	pg A17	EDR Digital Archive	
2005	pg A24	EDR Digital Archive	
2000	pg A29	EDR Digital Archive	
1995	pg A32	EDR Digital Archive	
1992	pg A36	EDR Digital Archive	

FINDINGS

Year	CD Image	Source	
1985	pg A40	Haines Criss-Cross Directory	
1985	pg A41	Haines Criss-Cross Directory	
1981	pg A44	Haines Criss-Cross Directory	
1981	pg A45	Haines Criss-Cross Directory	
1977	pg A48	Haines Criss-Cross Directory	
1974	pg A51	Haines Criss-Cross Directory	
1971	pg A54	Haines Criss-Cross Directory	
1966	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source
1959	-	Polk's City Directory	Street not listed in Source

TRACY BLVD S

1992	pg A37	EDR Digital Archive	

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S CORRAL HOLLOW RD 2017

475	JAQUES, TONY E
903	VALLEY COMMUNITY BAPTIST CHURCH
921	STRMISKA, TINA
3880	CORRELL, CATHERINE Y
6703	BITTER, JULIANA D
19123	HAWKINS WESTERN WORLD
	HAWKINS, RONALD M
19177	DEHARO, ADAM G
19486	WELLS, CHERI
19842	TELLEZ, LUIS E
20103	MCNAMARA, JOHN C
20141	MONTEMAYOR, TROY
20203	CHASTAIN, NICK
20439	KEENEY, BRIAN D
20605	TRUESDELL, JIMMIE L
20693	COMMERCIAL STOREFRONTS
	F & M STORE FRONTS
20753	ROY, CHRISTINE M
20909	TRUESDELL, JOSHUA
21055	MILLER, DANA B
21075	RODD, BRUCE L
21085	RUEDA, SAULO
21135	ABUSOUD, MARY
21162	AVILA, MATTHEW K
21193	SHEARER, CAMERON
21250	JENKINS, RODNEY
21255	ACTION SWEEPING INC
	SANCHEZ, RAFAEL M
21330	RAMISH, TONY
21349	ZARB, RAZAN
21435	MARTINEZ, GEORGE
21489	SANDOVAL, MARTHA
21509	CENDEJAS, DAMIAN M
21655	SALLES, JOE J
21677	OCHOA, CRUZ A
21696	MARTINEZ, SALVADOR N
21701	ANASTASIO, S
21712	MARTINEZ, ANTONIO
21761	SANCHEZ, GABRIELA
21799	MIRAMONTES, ERICA
21831	MCGLOTHLAN, DALE K
21838	VARGAS, JOHNNY R
21878	MOORE, LYDIA
21936	MEREDITH, MICHAEL
22090	MARTINEZ, MARLEEN
	MORA, EDUARDO
	REYNOZO, EDUARDO
	TORRES, SHANNON
24155	STATE OF CALIFORNIA
25883	WHITE, SONJA A

S CORRAL HOLLOW RD 2017 (Cont'd)

25895 CROOKER, ROSELLA O
25969 SKELTON, JEFFREY V
25990 NELSON, MARLENE R
25999 DEANDA, ANTHONY J
26003 BROCH, ALEXIS J
26097 LEWIS, MARK
26098 HAYES, JACK D
26101 FIGUEIREDO, DAVID P
26111 JONES, JODY J
26139 SARVEY, ROBERT M
26172 RUDRESH, GIRISH
26193 SMITH, MILTON E
26204 STEVENSON, JOHN E
26220 KING, ERROL G
26267 WHELIHAN, THOMAS E
26275 WEBB, RONALD A
26325 REITZ, ANNELIESE
26391 SCHIRMER, MATTHEW A
26395 RAWOF, FAISAL
26765 CECCHI, JILL A
26909 DURKEE, MIKE J
27022 HENSHALL, KEVIN R
U K H ENTERPRISES INC
27088 LANZA, RICHARD Z
27104 CRUZ, YOLANDA A
27110 DOERR, ALAN R
27162 MONTES, LUIS A
27220 CRISLIP, MATTHEW
27290 BETSCHART, JUNE M
27350 FRESQUES, CAITLIN M
27452 ROCHA, AMBER L
27510 WATROUS, TIFFANY P
27550 VILLARREAL, DEBBIE L
27600 WEBERSKI, MARK
27680 ROYCROFT, JAMES W
27743 DABANDAN, DAISY H
27766 AZIZ, FARZAD
28720 SCHNAIBLE, MICHELLE
29272 GRIFFITH, LARRY W
29290 GRIFFITH, LARRY W
30003 JOANNA, BITTER

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S TRACY BLVD 2017

100	MONTESSORI SCHOOL
101	CLIFF DRYSDALE TENNIS
	INSHAPE
	INSHAPE HEALTH CLUBS
	JAVA MAKERS
190	VALENCIA, FRANK X
220	MUNOZ, JOE T
260	GOMEZ, ESTANISLAO N
280	CISNEROS, CRISTIAN
320	CUELLAR, ANGELICA
360	RODRIGUEZ, EFREN A
410	RAYA, ANTHONY J
755	CHEVRON
785	PEPPER LANE MONTEREY RD
	TRACY VALLEY CLEANERS
793	FASTPAK
	MANNYS HEATING & AIR
	NORCAL PLUMBING
	THE UPS STORE
795	CHINAWOK
797	KEVIN KIAN DDS
	SOUTH TRACY DENTAL CARE
815	GREAT CLIPS
835	MATSUYAMA RESTAURANT
865	H&R BLOCK
875	BANK OF AMERICA
	BANK OF AMERICA FINANCIAL CENTER
	REDBOX
	SAVE MART
	SAVE MART SUPERMARKETS
927	HAIRDO USA INC
933	METROPCS
953	MAGICAL NAILS
959	SUBWAY
965	BASKINROBBINS
1045	CENTRAL VALLEY PROPERTIES
	DITTMAN DEBBIE REAL ESTATE BROKER
	GLENN ATTORNEY WILLBANKS AT LAW
1047	WILIBANKS & WOOD PLC
	WILLBANKS & WOOD
1688	BRIGGS, WILLIAM K
2550	RALEYS
	REDBOX
	US BANK
2600	ALDOS ITALIAN ICE & GELATO
	EYEBROW ARCH
	MY KIDS DENTIST & ORTHODONTICS
	SUBWAY
	SUPERCUTS
	TRACY SMILES DENTISTRY & ORTHODONT

S TRACY BLVD 2017 (Cont'd)

2600	WELLS FARGO BANK
2610	DICKEYS BARBECUE PIT
	MIKASA ASIAN BISTRO & SUSHI
	STARBUCKS
	TAQUERIA LA MEXICANA
2620	ANYTIME FITNESS
	ATM
	MEDIFAST
2630	AFFORDABLE PET VET CLINIC
	MEDIFAST
	QUEEN B NAILS & SPA
	ROUND TABLE PIZZA
2820	MCDONALDS
4598	ACADEMY MORTGAGE TRACY
	ACCOUNT MASTERS BOOKKEEPING SERVICES
	ALTAMONT INSURANCE
	ANNEMARIE AGENT EMERY
	AT HOME REAL ESTATE GROUP
	BAYSIDE PEDIATRICS
	DAVID W HARTZELL OD OPTMTRST
	EATON OPTOMETRIC GROUP
	FRANCO REALTY INC
	FRANK G BALESTRERY OD OPTMTRST
	GLEN Y OZAWA OD OPTMTRST
	PJ SINGH DENTAL CORP
	RE MAX
4600	AJV BOOKKEEPING
	ALLSTATE
	BLT MANAGEMENT SERVICES
	CHRISTOPHER GUISTOLISE DC
	COUNSELING & MORE
	JOURNEY CHRISTIAN CHURCH
	MEHLHAFF & MEHLHAFF
	MERCHANTECH
	NEIGHBORHOOD CHURCH OF TRACY
	PRIMA BELLA PRODUCE INC
	REALTY WORLD
	SAN JOAQUIN HEMATOLOGY ONCOLOGY
	SOLUTIONS MEDICAL SPA
	TOTAL WELLNESS CHIROPRACTIC
	WANDISAN & ROSETE MEDICAL GROUP
	WIVINA T URBANO MD
	YERIAN INSURANCE
5349	BLACK HILLS PRE CAST
	INSULFLOW INC
	PROJECT & SECURITY SOLULTIONS INC
5749	SKYVIEW AVIATION
6649	CITY OF TRACY
6715	VALLES J TRUCKING
15888	LAMAS, ESTHER

S TRACY BLVD 2017 (Cont'd)

15888 MARRON, JESUS
MARTINEZ, MARIA E
15900 TALAS, CARL A
15971 HALEY FLYING SERVICE
HALEY FLYING SERVICE INC
16501 ARNAUDO, VERNON D
16505 ARNAUDO BROS INC
17190 CHAVEZ, HECTOR M
17398 GALLI, KENNETH M
17411 GALLI, FRANK A
17415 SMITH, TYLER J
17423 TOLENTINO, FILIBERTO G
18540 BORGES, ANNETTE
18775 SERPA, ARTHUR J
18928 FAGUNDES, RICK J
19158 SILVEIRA, JANICE L
19203 ARNAUDO, LEO B
19475 ARNAUDO, ADRIANA E
19899 RUIZ, ARTURO
21125 GARZA, BENNY J
21199 ESPARZA, PEDRO P
21235 PENA, ORTIZ M
21237 MARTINEZ, MARIA R
28584 TEJEDA, SYLVIA E
28600 MARTIN, DEMETRIO
28644 ABT TRUCKING COMPANY
TRACY AIRPORT EXPRESS
USA SHUTTLE SERVICE & USA LIMO
WILLIAMS, MISTY D
28700 RAYA, JAMES C
RODRIGUEZ, FRANCISCO J
RORIGUEZ, MARIA
28770 PHELPS, ASHLEY L
28850 D HILL TRUCKING INC
30558 MEYERS, MARK W
30773 MENDOZA, MANUEL A
31619 CIRCLE H KENNELS
RAMIREZ, JESSE D
31637 LEGRAS, DENIS J
31801 AGUILAR, MARIA T
32221 POMBO, RALPH
32919 POMBO R RANCH
POMBO, RALPH R
32931 POMBO, RICHARD W
32955 POMBO, RAYMOND P
32967 POMBO, RALPH F
32979 POMBO, RANDALL C

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S CORRAL HOLLOW RD 2014

475	JAQUES, TONY E
903	VALLEY COMMUNITY BAPTIST CHURCH
921	GONZALEZ, WILLIAM A
3880	CORRELL, MICHAEL W
6703	BITTERTOY, KENNEL
6715	BITTER, JULIANN
19123	HALE, CHADWICK S
	HAWKINS WESTERN WORLD
19177	DEHARO, ANSELMO D
19333	AVILA, GABRIEL B
19486	MELLO, LEONARD J
19843	ROMERO, HECTOR
20103	GOULART, ROBERT A
20141	MONTEMAYOR, TROY
20203	OCCUPANT UNKNOWN,
20439	KEENEY, BRIAN D
20605	TRUESDELL, JIMMIE L
20679	GRAHAM, JAMES D
	ROY, CHRISTINE M
20693	COMMERCIAL STOREFRONTS
20753	ROY, CHRISTINE
20909	TRUESDELL, CIERRA
21055	MILLER, DANA B
21075	NEGRON, DIANNE
21135	GARZA, MICHAEL
	WEAVER, JUSTIN M
21137	OCCUPANT UNKNOWN,
21162	AVILA, MATTHEW R
21193	SILVEIRA, RONALD S
21255	ACTION SWEEPING INC
	SANCHEZ, RAFAEL M
21297	GHOBANI, LORI A
21330	RAMISH, MO T
	SALEH, M M
21349	VILLANUEVA, JAMES A
21435	ADAMS, TIMOTHY
21489	SANDOVAL, MARTHA
21509	CENDEJAS, DAMIAN M
21637	ALLEN, SHAWN W
21665	MEDEIROS, JAMES R
21677	MEZA, JOHN J
21696	MARTINEZ, SALVADOR
21701	ANASTASIO, S
21712	OCCUPANT UNKNOWN,
21761	SANCHEZ, FABIOLA
21799	OCCUPANT UNKNOWN,
21831	MCGLOTHLAN, DALE K
21838	RAMIREZ, SILVIA T
21840	MORAN, ALISON
21866	ZIMPEL, ROBERT D

S CORRAL HOLLOW RD 2014 (Cont'd)

21878 MORACE, BILLIE J
21910 GUZMAN, ROSARIO
21936 MEREDITH, MICHAEL
22090 MARTINEZ, MARLEEN
OCCUPANT UNKNOWN,
TALENT, RANDY
TORRES, SHANNON
24155 STATE OF CALIFORNIA
25883 TRAVIS, SUZANNE L
25895 CHAVEZ, MARIA S
25969 SKELTON, JEFFREY V
25990 CRAMPTON, PAUL B
25999 OCCUPANT UNKNOWN,
26003 BROCH, ALEXIS J
26097 LEWIS, MASON
26098 HAYES, JACK D
26101 FIGUEIREDO, DAVID P
26111 JONES, JODY J
26121 OCCUPANT UNKNOWN,
26139 SARVEY, SUSAN M
26193 SMITH, MILTON E
26204 STEVENSON, JOHN E
26220 KING, ERROL G
26267 WHELIHAN, THOMAS E
26275 WEBB, RONALD A
26325 REITZ, ANNELIESE
26391 SCHIRMER, MATHEW A
26395 SCHUBERT, ERNEST J
26717 ROBERTSON, ABEL M
26765 CECCHI, JILL
26769 CECCHI, ANGELINA
26909 DURKEE, MIKE J
27022 U K H ENTRERPRISES INC
27088 LANZA, RICHARD Z
27104 CRUZ, YOLANDA A
27110 DOERR, ALAN R
27124 CRUZ, DANIEL
27162 MONTES, LUIS A
27220 SPINNEY, SUSAN M
27290 BETSCHART, JUNE M
27310 SERPA, ARTHUR J
27350 CARTER, BONNY L
27452 ROCHA, AMBER L
27488 MARTINEZ, STEVE C
27510 WATROUS, JASON
27550 RAMOS, PEDRO
27600 WEBERSKI, MARK
27680 PIAZZA, DOMINIC T
27743 RODRIGUEZ, HOMER F
27766 AZIZ, FARZAD

S CORRAL HOLLOW RD 2014 (Cont'd)

27780 OCCUPANT UNKNOWN,
27784 COX, JOSEPH P
28720 TORRES, LORENZO G
29272 GRIFFITH, LARRY E
30003 BITTER, JULIANA D

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S TRACY BLVD 2014

100	MONTESSORI ELEMENTARY SCHOOL OF TRAC
	MONTESSORI SCHOOLS OF TRACY
101	CLIFF DRYSDALE TENNIS
	INSHAPE SPORT TRACY
	JAVA MAKERS
	STRAWS JUICE & COFFEE BAR
132	URIBE, MARTIN
190	VALENCIA, FRANK X
220	MUNOZ, JOE T
226	CLARK, R
240	INIGUEZ, ADOLFO
260	PANETTO, MARK L
280	GOMEZ, ESTANISLAO N
320	CUELLAR, FOTINE
360	ALBINO, JUDY V
410	RAYA, ANTHONY J
755	CHEVRON
	CHEVRON STATION EXTRA MILE TRACY
785	TRACY VALLEY CLEANERS
793	ADVANTACLEAN OF CENTRAL VALLEY
	CALDERON, EDUARDO
	EPHPHATHA F S H S LLC
	NORCAL PLUMBING
	THE UPS STORE
795	CHINAWOK
797	KIAN KEVIN DDS
	SOUTH TRACY DENTAL CARE
815	GREAT CLIPS
835	JAVA MAKERS BAKERY & CAFE
875	BANK OF AMERICA
	SAVE MART SUPERMARKETS
927	HAIRDO USA INC
933	METROPCS
945	Z COMPUTER PRO
953	MAGICAL NAILS
965	BASKINROBBINS
1045	CENTRAL VALLEY PROPERTIES
	FALLAVENA JOAN
	PFWD INC
	WILLBANKS GLENN ATTORNEY AT LAW
1047	WILLBANKS & WOOD
1688	BRIGGS, WILLIAM K
2550	RALEYS
	US BANK
2600	MY KIDS DENTIST & ORTHODONTICS
	SUBWAY SANDWICHES
	SUPERCUTS
	WELLS FARGO
	WELLS FARGO BANK
2610	DICKEYS

S TRACY BLVD 2014 (Cont'd)

2610	MIKASA ASIAN BISTRO & SUSHI
	TAQUERIA LA MEXICANA
2620	CHASE
	CHASE BANK
2630	CALIFORNIA BAY PIZZA
	MEDIFAST
	QUEEN B NAILS & SPA
2820	MCDONALDS
4598	ACCOUNT MASTERS BOOKKEEPING SERVICES
	ALTAMONT INSURANCE
	AT HOME REAL ESTATE GROUP
	BALESTRERY FRANK G OD OPTMTRST
	BAYSIDE MEDICAL GROUP
	EATON OPTOMETRIC GROUP
	FARMERS INSURANCE GROUP
	HARTZELL DAVID W OD OPTMTRST
	OZAWA GLEN Y OD OPTMTRST
	PJ SINGH DENTAL CORP
	REMAX DIAMOND
4600	AJV BOOKKEEPING
	ALLSTATE
	BANGALORE, NEELE
	BBR MASONRY INC
	BLT MANAGEMENT SERVICES
	GLORIANN FARMS
	GUISTOLISE CHRISTOPHER DC
	JOURNEY CHRISTIAN CHURCH
	LAW OFFICE OF ROBERT MEHLHAFF
	MEHLHAFF JAMES R
	MERCHANTECH
	NAGLEE BURK IRRIGATION DISTRICT
	NEIGHBORHOOD CHURCH OF TRACY
	REALTY WORLD SPLENDID HOMES
	RONALD A YERIAN ALLSTATE INSURANCE
	SAN JOAQUIN HEMATOLOGY ONCOLOGY
	SKIN ESSENTIALS
	SOLUTIONS MEDICAL SPA
	TOTAL WELLNESS CHIROPRACTIC
	URBANO WIVINA T MD
	URBANO, WIVINA T
	WANDISAN & ROSETE MEDICAL GROUP
4800	AMTRAK STATION TRC
4847	SAGAT, BOB
5349	BLACK HILLS PRE CAST
	FERNANDEZ BERNARDO
	PROJECT & SECURITY SOLUTIONS INC
5749	SKYVIEW AVIATION
	TRACY AIR CENTER
6649	CITY OF TRACY
6683	OCCUPANT UNKNOWN,

S TRACY BLVD 2014 (Cont'd)

6715	VALLES J TRUCKING
15878	OCCUPANT UNKNOWN,
15888	MARRON, JESUS
	MARTINEZ, INDALECIO
	OCCUPANT UNKNOWN,
15900	TALAS, CARL
15971	HALEY FLYING SERVICE
	HALEY FLYING SERVICE INC
16501	ARNAUDO, VERNON D
16504	ARNAUDO, CAROLYN
16505	ARNAUDO BROS TRANSPORT INC
17190	DIAZ, SALVADOR O
17251	OCCUPANT UNKNOWN,
17398	OCCUPANT UNKNOWN,
17411	GALLI, FRANK A
17421	BRUCE, LEEANN
17423	HERNANDEZ, GERARDO
17500	OCCUPANT UNKNOWN,
18540	BORGES, ANNETTE
18775	OCCUPANT UNKNOWN,
18928	FAGUNDES, DARRIN F
19158	SILVEIRA, JOSEPH P
19203	ARNAUDO CONSTRUCTION
	ARNAUDO, LEO B
19475	ARNAUDO, ADRIANA E
19899	RUIZ, ARTURO
21125	GARZA, BENNY J
21199	ESPARZA, PEDRO P
21201	OCCUPANT UNKNOWN,
21235	PENA, ORTIZ M
21237	MARTINEZ, MARIA R
28584	TEJEDA, SYLVIA E
28600	OCCUPANT UNKNOWN,
28644	ABT TRUCKING COMPANY
	ALL AIRPORT CITY CAB
	USA SHUTTLE SERVICE & USA LIMO
	WILLIAMS, MISTY
28700	PALOMINO-ANGULO, HERMAN
	RORIGUEZ, MARIA
	RUIZ, CORAL
28850	D HILL TRUCKING INC
29220	TSAKOPOULOS, ANGELO
30215	OCCUPANT UNKNOWN,
30558	RHODES, PHIL E
30773	MENDOZA, MANUEL A
31513	OCCUPANT UNKNOWN,
31619	CIRCLE H KENNELS
	RAMIREZ, JESSE D
31637	LEGRAS, DENIS J
31801	MARTINEZ, DELIA

S TRACY BLVD 2014 (Cont'd)

32221 POMBO, RAYMOND
32919 POMBO, RALPH R
32931 POMBO, RICHARD W
32943 POMBO, RODGER M
32955 POMBO, RAYMOND P
32967 POMBO, RALPH F
32979 POMBO, RANDALL C

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S CORRAL HOLLOW RD 2010

475 JAQUES, TONY E
903 VALLEY COMMUNITY BAPTIST CHR
921 GONZALEZ, WILLIAM A
3880 CORRELL, MICHAEL W
6703 BITTER, JULIANA D
6715 KOWALSKY, WILLIAM G
19123 HAWKINS WESTERN WORLD
HAWKINS, RONALD M
19146 PETERSEN, HAROLD L
19177 SILVEIRA, MARY L
19333 AVILA, GABRIEL B
19486 MELLO, LEONARD J
19620 SANDOVAL, MARINO
19842 GONZALEZ, GERARDO
20103 GOULART, ROSE M
20141 MONTEMAYOR, TROY
20203 DONDERO, PAUL S
20605 TRUESDELL, JIMMIE L
20679 GRAHAM, JAMES D
ROY, CHRISTINE M
20693 F & M STORE FRONTS
MARTINEK, MICHAEL
20753 ROY, TOMMY N
20909 TRUESDELL, CIERRA
21055 MILLER, DEBBIE B
21075 WINTON, BRYAN
21135 MACHADO, LORETTA C
21137 OCCUPANT UNKNOWN,
21162 LAILA, AZIM
21191 OCCUPANT UNKNOWN,
21193 OCCUPANT UNKNOWN,
21203 SEIBERT, JERI C
21255 ACTION SWEEPING INC
OCCUPANT UNKNOWN,
21297 INGUANZO, ARACEL
21330 NIAZMAND, HOMAYUN
21349 PRICE, JUANA E
21435 ADAMS, TIMOTHY
21489 SANDOVAL, MARTHA
21499 SUTTLES, CATHERINE
21600 TOON, RILEY
21637 WALSH, LAURA
21655 SALLES, JOE
21665 MEDEIROS, DIXIE J
21677 OCCUPANT UNKNOWN,
21696 ANDRADE, MARIA I
21701 THOMAS, CURTIS W
21712 MANZO, MARIDEL
21727 OCCUPANT UNKNOWN,
21761 SANCHEZ, FABIOLA

S CORRAL HOLLOW RD 2010 (Cont'd)

21831 MCGLOTHLAN, DALE K
21838 ERS, EARL M
21840 GUZMAN, TERESA
21866 KRAUSE, SARAH
21878 STONE, AMBER
21936 MEREDITH, MICHAEL
22090 OCCUPANT UNKNOWN,
TALENT, TERRY E
25883 OCCUPANT UNKNOWN,
25895 CHAVEZ, MARIA S
25969 MORONES, ANDREW
SKELTON, JEFFREY V
25990 CRAMPTON, PAUL B
25999 DEANDA, ANTHONY J
26003 BROCH, ALEXIS J
26098 HAYES, JACK D
26101 FIGUEIREDO, STEVEN L
ZILLS TILE INC
26121 OCCUPANT UNKNOWN,
26123 TOULZE, MICHAEL F
26139 OCCUPANT UNKNOWN,
26172 BARTLETT, DAVID W
26193 SMITH, MILTON E
26204 STEVENSON, JOHN E
26220 KING, ERROL G
26267 WHELIHAN, THOMAS E
26275 WEBB, RONALD A
26325 SALOMON, PATRICK
26391 AGUILAR, JESSE F
26395 SCHUBERT, ERNEST J
26717 OCCUPANT UNKNOWN,
26765 CECCHI, JILL
26769 CECCHI, ANGELINA
26909 SKELTON, COREY L
27022 OCCUPANT UNKNOWN,
UKH ENTERPRISES INC
27088 LANZA, RICHARD Z
27104 CRUZ, YOLANDA A
27110 OCCUPANT UNKNOWN,
27124 CRUZ, DANIEL
27162 MONTES, ANTONIO
27220 FIEL, ELISHA A
27290 BETSCHART, JUNE M
27310 SERPA, ARTHUR J
27350 FRESQUES, MICHAEL
27452 HOLGUIN, JESUS
27488 OCCUPANT UNKNOWN,
27510 GONZALEZ, EDDY R
27550 VILLARREAL, POLICARPIO X
27600 WEBERSKI, MARK

S CORRAL HOLLOW RD 2010 (Cont'd)

27680 RAFLIK, DONALD A
27743 RODRIGUEZ, HOMER F
27766 CARPENTER, JERRY W
27780 OCCUPANT UNKNOWN,
27784 RHODES, JEFFREY M
28455 OCCUPANT UNKNOWN,
28720 TORRES, LORENZO G
28818 SAINZ, RANDY

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S TRACY BLVD 2010

100	MONTESSORI SCHOOL OF TRACY
101	ACTIVE CHIROPRACTIC & PHYSICAL
	IN SHAPE HEALTH CLUBS
	OCCUPANT UNKNOWN,
132	URIBE, MARTIN
190	GARCIA, FRANK E
210	BRAMELL, THOMAS D
220	MUNOZ, JOE T
260	GOMEZ, ESTANISLAO
320	CUELLAR, ANGEL
410	RAYA, ESTHER P
755	CHEVRON
757	MCHENRY HOUSE TRACY FAMILY
785	TRACY VALLEY CLEANERS
793	ALL STAR HEAVY HAUL & TOWING
	BABY BARRIER OF NORTHERN CA
	BILL SIMON CONSTRUCTION
	BLUE HORSE LOGISTICS INC
	CALIFORNIA CONSTRUCTION
	H & M VACUUM & EQUIPMENT INC
	HARRIS PROPERTY MANAGEMENT
	JEM ELECTRONICS INC
	NAPOLITAN PRODUCTIONS
	NEIGHBORHOOD CHURCH
	PREMIER REALTY
	RANDLE FEDRICK IMAGE CNSLTNT
	RELIANCE EXPRESS
	RETAINING WALLS CO
	SOLID ROCK CHRISTIAN CTR
	SUPREME KARAOKE RENTALS
	UPS STORE
795	CHINA WOK
797	SOUTH TRACY DENTAL CARE
805	RUTLEDGE, BEEBE A
815	GREAT CLIPS
835	JAVA MAKERS
865	BLOCKBUSTER VIDEO
875	BANK OF AMERICA
	SAVE MART
927	HAIRDO USA & SUPPLY
933	METRO PCS
945	Z COMPUTER PRO
953	MAGICAL NAILS
959	SUBWAY
965	BASKINROBBINS
1045	CENTRAL VALLEY PROPERTIES
	FALLAVENA & WILLBANKS REAL
	LOCKWOOD DEE RL EST
	PFWD INC
1047	WILLBANKS HAY & WOOD

S TRACY BLVD 2010 (Cont'd)

1688 BRIGGS, WILLIAM K
2550 RALEYS
RALEYS PHARMACY
US BANK
2610 TAQUERIA LA MEXICANA
4005 OCCUPANT UNKNOWN,
ST MARKS ANGLICAN CHURCH
4598 ALTAMONT INSURANCE CO
AT HOME REAL ESTATE GROUP
BAYSIDE PEDIATRICS
EATON OPTOMETRIC GROUP
EMERY INSURANCE
FARMERS INSURANCE
ORANGES KAREN
P J SINGH DENTAL CORP
SINGH, PARAMJIT
4600 ALLSTATE INSURANCE CO
BANGALORE, NEELE
BAY FRESH PRODUCE
BLT MANAGEMENT SVC
BLT TRAVEL
GUISTOLISE, CHRISTOPHER J
NEW AMERICAN HOMES
PLACER TITLE CO
PRIMA BELLA PRODUCE INC
REALTY WORLD
RON YERIAN ALLSTATE
ROSETE ROLLIE D MD
SAN JOAQUIN HEMATOLOGY ONCLGY
SKIN ESSENTIALS
SOLUTIONS MEDICAL SPA
TOTAL WELLNESS
UNIVERSITY OF THE PACIFIC
URBANO WIVINA T MD
URBANO, WIVINA T
WANDISAN & ROSETE MED GROUP
4847 SAGAT, BOB
5349 CUTTING EDGE SUPPLY
FERNANDEZ BERNARDO
5749 SKYVIEW AVIATION
6649 TRACY WATER TREATMENT PLANT
6683 OCCUPANT UNKNOWN,
6715 VALLES J TRUCKING
15878 GONZALEZ, EFRAIN
15888 MARRON, JESUS
MARTINEZ, ISIDRO
15900 PALAS, C
16501 ARNAUDO, VERNON D
16505 ARNAUDO BROTHERS INC
17190 RENTERIA, EDUARDO R

S TRACY BLVD 2010 (Cont'd)

17250	OCCUPANT UNKNOWN,
17251	OCCUPANT UNKNOWN,
17398	OCCUPANT UNKNOWN,
17411	GALLI, FRANK A
17423	HERNANDEZ, GERARDO
17500	MC ATEE CONSTRUCTION
	OCCUPANT UNKNOWN,
18540	BURBOA, FRANCISCO J
18567	OCCUPANT UNKNOWN,
18578	REYES, CLAUDIA
18600	HACKNEY, WILLIAM
19150	SILVEIRA, JOSEPH P
19158	SILVEIRA, ALAN
19203	ARNAUDO, LEO B
19899	RUIZ, ARTURO
21125	GARZA, BENNY J
21171	DELGADILLO, DAVID V
21199	RODRIGUEZ, MARTIN
21235	PENA, ORTIZ M
21237	MARTINEZ, MARIA R
28584	OCCUPANT UNKNOWN,
28600	OCCUPANT UNKNOWN,
28644	A A CITY CABS
	USA SHUTTLE & USA CHARTER
	USA TOWWING
28700	BAKER, MARTIN
	HARTMAN, NANCY M
	RAYA, CAROL
	RORIGUEZ, MARIA
	RUIZ, CORAL
	TORRES, MARIA
28850	D HILL TRUCKING
	OCCUPANT UNKNOWN,
28957	TRACY WEATHER ROBOT
29220	TSAKOPOULOS, ANGELO
30215	OCCUPANT UNKNOWN,
30558	OCCUPANT UNKNOWN,
30773	SUTTON, MINNIE E
30909	GARCO TESTING LABORATORIES
31513	OCCUPANT UNKNOWN,
31619	CIRCLE H KENNELS
	TRAVELING PONY PARTIES
	VOSBURG, KURT L
31637	OCCUPANT UNKNOWN,
31801	OCCUPANT UNKNOWN,
31809	RENTERIA, MICHAEL A
32221	POMBO, ANNETTE R
32919	POMBO, RALPH R
32943	POMBO, RODGER M
32955	POMBO, RAYMOND P

S TRACY BLVD 2010 (Cont'd)

32967 POMBO, RALPH F
32979 POMBO, RANDY C

Target Street	Cross Street	Source
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S CORRAL HOLLOW RD 2005

475 JAQUES, TONY E
903 VALLEY COMMUNITY BAPTIST CHURCH
921 DEARMIN, DENNIS D
3880 CORRELL, MICHAEL W
6703 BITTER, HENRY J
6715 KOWALSKY, WILLIAM G
19123 DODSON, JOHNNY M
19146 PETERSEN, HAROLD L
19177 SILVEIRA, MARY L
19333 AVILA, GABRIEL B
19486 MELLO, LEONARD J
19620 SANDOVAL, MARINO
19842 GODOY, JUAN A
19843 SILVEIRA, EMILY M
20103 GOULART, TONY D
20203 OCCUPANT UNKNOWN,
20679 B & B MACHINERY
GRAHAM, JAMES D
ROY, TOMMY N
20909 TRUESDELL, JIM L
21055 MILLER, DEBBIE L
21075 CANFIL, SPENCER B
21135 HORAT, WILLIAM J
MACHADO, RICHARD
21137 OCCUPANT UNKNOWN,
21162 ALI EXPRESS SERVICE
ALI, NISAR
21191 SILVEIRA, LAWRENCE L
21193 SILVEIRA, RONEL S
21203 JIMENEZ, RICKY
21250 AZAMA, TAKESHI D
21255 ACTION SWEEPING INC
SANCHEZ, RAFAEL M
21330 NIAZMAND, HOMAYUN
21349 PRICE, JUANA E
21489 KIM, SUNG A
21499 SUTTLES, CATHERINE
21509 HOYLE, JOSHUA K
21600 TOON, RILEY
21637 LASER TUNE
SHINCOVICH, DAVID A
21655 MEDEIROS, JAMES R
21677 POLITO, TOM
21689 THOMAS, CURTIS W
21696 OCCUPANT UNKNOWN,
21701 ANASTASIO, STEPHEN E
21712 QUINTON, DAVID L
21761 MARQUEZ, BENJAMIN
21799 OCCUPANT UNKNOWN,
21831 MCGLOTHLAN, AARON

S CORRAL HOLLOW RD 2005 (Cont'd)

21840 GUZMAN, ROSARIO
21866 KRAUSE, SARAH
21878 ZUBIRI, RENEE M
21879 OCCUPANT UNKNOWN,
21910 PARKER, SHERRY G
21936 GODDARD, KATHRYN L
22080 TALENT, TERRY E
22090 CLARK, MICHAEL L
25883 MARQUEZ, C S
25895 CHAVEZ, MARIA S
25969 OCCUPANT UNKNOWN,
25990 OCCUPANT UNKNOWN,
25999 OCCUPANT UNKNOWN,
26003 BROCH, ALEXIS J
26097 VILLALPANDO, VICTOR
26098 HAYES, JACK D
26101 FIGUEIREDO, DAVID P
26111 JONES, DWIGHT D
26121 OCCUPANT UNKNOWN,
26123 MATTHEWS, KATHLEEN A
26139 SARVEY, SUSAN M
26172 ALEXANDER, LOLA J
26193 SMITH, MILTON E
26204 STEVENSON, JOHN E
26220 KING, JOHN J
26267 WHELIHAN, THOMAS E
26275 WEBB, RONALD A
26325 LEI, AMANDA
26391 HENSLEY, DOUGLAS A
26395 SCHUBERT, ERNEST J
26765 CECCHI, RICHARD D
26909 SKELTON, COREY M
26930 OCCUPANT UNKNOWN,
26978 OCCUPANT UNKNOWN,
27022 ASHS INK GRAPHIC DESIGN
HENSHALL, KEVIN R
27088 AA RANCH INC
LANZA, RICHARD Z
27104 CRUZ, DANIEL
27110 DOERR, ALAN R
27162 MONTES, ANTONIO
27220 OCCUPANT UNKNOWN,
27290 OCCUPANT UNKNOWN,
27310 SERPA, ARTHUR J
27350 FRESQUES, MICHAEL S
27452 HOLGUIN, JESUS
27488 OCCUPANT UNKNOWN,
27510 SANDER, SAM A
27550 VILLARREAL, POLICARPIO L
27600 WEBERSKI, MARK

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S CORRAL HOLLOW RD 2005 (Cont'd)

27743 HAYMES, JOYCE L
27766 BRADLEY, GEORGE D
27780 OCCUPANT UNKNOWN,
27784 RHODES, JEFFREY M
28001 OCCUPANT UNKNOWN,
28720 TORRES, RICHARD
28818 BERRYHILL, ALISA
29290 GOODSON, BOB

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S TRACY BLVD 2005

100	MONTESSORI SCHOOL EDCTL FOUNDATION
101	IN SHAPE HEALTH CLUBS
	OCCUPANT UNKNOWN,
132	URIBE, MARTIN
190	GARCIA, FRANK E
210	BRAMELL, THOMAS D
220	MUNOZ, ISABELL
240	KINKEAD, PHIL
260	ORTIZ, PEDRO
280	GOMEZ, ESTANISLAO
320	CUELLAR, LUCY
360	RODRIGUEZ, EFREN A
410	RAYA, ANTHONY J
719	HDNEZ, MARTIN M
739	MCHENRY HOUSE FOR THE HOMELESS
743	ESQUIVEL, LILLIE E
755	CHEVRON STATION
793	CALIFORNIA APPRAISAL SOLUTIONS
	CARTER & ASSOCS INVESTIGATIONS
	COLE, CRAIG R
	DECALIN CHEMICALS
	DENTAL PEOPLE
	DIMENSIONS IN DISCOVERY INC
	DOUBLE J BBQ
	EFOR COMPUTER SUPPORT
	ENOTARY
	FACILITIES CONTRACT MANAGEMENT INC
	GOTTCHABIZ
	H & M VACUUM PUMPS & EQUIPMENT
	J SCOTT ENTERPRISES INC
	MAIL BOXES ETC
	MUMBAI BLUES
	NORTHERN CA CARPENTERS
	NORTHERN CAL CARPENTERS REAL EST SER
	ON SITE
	RELIANCE EXPRESS
	SLICK MAIL NET
	SOLUTIONS
	TGS QUALITY PRODUCTS
	TODAYS WINDOW FASHIONS
795	PAPA GINOS TAKE N BAKE PIZZA
805	RUTLEDGE, BEEBE
815	GREAT CLIPS
865	BLOCKBUSTER VIDEO
875	ALBERTSONS SAVON
	JAVA MAKERS
	SAV ON DRUGS
915	TACO BELL
927	HAIRDO USA & SUPPLY
933	TUTORING CLUB

S TRACY BLVD 2005 (Cont'd)

945 GATEWAY REAL ESTATE
959 EXPRESS PERSONNEL SERVICES
SUBWAY SANDWICHES
965 BASKIN ROBBINS
1045 CENTRAL VALLEY PRO PERTIES
CYNTHIA WERTMAN
DITTMAN DEBBIE REAL ESTATE BROKER
FALLAVENA WILBANKS
PFWD COMMERCIAL REAL ESTATE
PFWD INC
PUTT FALLAVENA WILLB CO
WILLBANKS GLENN REAL ESTATE BRKR
1688 BRIGGS, WILLIAM K
4005 OCCUPANT UNKNOWN,
SAINT MARKS EPISCOPAL CHURCH
4598 SANTOKH BHULLAR MD
4600 APPRAISAL SERVICES
FAST MORTGAGE INC
IRON KEY REAL ESTATE
MEDTECH MEDICAL BILLNG SERVICES
MEKUS TEAM THE INC
MEKUS, MARIA
NEW AMERICA HOMES / MD89 INC
NEW AMERICA HOMES CUSTOMER SERVICE
SUTTER TRACY HOME HEALTH & HOSPICE
SUTTER VNA & HOSPICE
WIVINA ROLLIE MEDICAL GROUP
5349 DELLA MAGGIORE TILE INC
6649 TRACY WATER TREATMENT PLANT
6683 OCCUPANT UNKNOWN,
6715 VALLES J TRUCKING
15878 MAGANA, MARIA
15888 BOHN, ROBERT J
MARRON, JESUS
MARTINEZ, ISIDRO
15900 ALARCON, VERONICA
16501 OCCUPANT UNKNOWN,
16505 ARNAUDO BROTHERS INC
16850 RANKINS, EVERETT V
17190 ARNAUDO BROTHERS INC
OCCUPANT UNKNOWN,
17250 OCCUPANT UNKNOWN,
17398 GALLI, FRANK A
17411 NOR CAL RACKING & FIXTURES INC
OCCUPANT UNKNOWN,
17423 HOLDEREGGER, STEPHEN
17500 MC ATEE CONSTRUCTION
MCATEE, MICHAEL D
18540 AMARAL, MANUEL J
18567 OCCUPANT UNKNOWN,

S TRACY BLVD 2005 (Cont'd)

18578	AMARAL, MANUEL J
18775	SERPA, ERMA
18928	OCCUPANT UNKNOWN,
19158	SILVEIRA, JOSEPH P
19203	OCCUPANT UNKNOWN,
19475	ARNAUDO, ED A
19899	ORTIZ, SALVADOR G
21125	GARZA WORKS
	GARZA, VENTURA J
21171	DELGADILLO, A
21199	RODRIGUEZ, MARTIN
21235	PENA, MOISES
21237	MARTINEZ, MARIA R
28600	CARDENAS, LUIS M
28644	ALL AIRPORT
	ALL AIRPORT CITY CAB
	ATWAL, RAVINDER S
	LOU T TRUCKING
	S & B LOGISTICS LLC
	UNITED STATES AMERICA SHUTTLE USA
	USA SHUTTLE SERVICE
28700	FLORES, FIDEL
	HARTMAN, NANCY M
	RADEMACHER, RAY D
	RAYA, CAROL
	RODRIGUEZ, JESUS
28770	SCHUGG, MATTHEW S
28850	ORTIZ, GLORIA
29220	TSAKOPOULOS, ANGELO
29633	TRACY FLIGHT CENTER
30350	AMERICAN TRANSIT MIX CO INC
	RMC PACIFIC MATERIALS
30558	RHODES, JOAN N
30773	SUTTON, MINNIE E
30909	GRANITE CONSTRUCTION
31513	OCCUPANT UNKNOWN,
31619	CIRCLE H KENNELS
	TRAVELING PARTY PONIES
	VOSBURG, CHRISTOPHER J
31637	OCCUPANT UNKNOWN,
31801	CSENDES, GABOR
31809	RENTERIA, MICHAEL A
32221	RICHARD POMBO FOR CONGRES
32919	POMBO, RALPH R
32943	POMBO, RODGER M
32967	POMBO, RALPH
32979	POMBO, RANDY

Target Street	Cross Street	Source
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S CORRAL HOLLOW RD 2000

903	OCCUPANT UNKNOWN,
	VALLEY COMMUNITY BAPTIST CHURCH
921	DEARMIN, DENNIS
2580	PINEDA, S
3880	CORRELL, MICHAEL
19123	DODSON, JOHNNY
19177	OCCUPANT UNKNOWN,
19333	AVILA, GABRIEL B
19486	MELLO, LEONARD
19843	SILVEIRA, EMILY M
20103	OCCUPANT UNKNOWN,
20141	OCCUPANT UNKNOWN,
20155	OCCUPANT UNKNOWN,
20203	OCCUPANT UNKNOWN,
20693	GRAHAM, BRENDA
20909	TRUESDELL, KATHY R
21055	MILLER, DANA B
21075	OCCUPANT UNKNOWN,
21135	MACHADO, RICHARD
21162	BERGERON, NANCY J
21191	SILVEIRA, L L
21193	SILVEIRA, RONALD
21203	JIMENEZ, THERESA S
21250	FERGUSON, JOSHUA J
21255	MICHAEL, JOHN
	MILLER, DANA
21297	OCCUPANT UNKNOWN,
21330	NIAZMAND, H
21349	OCCUPANT UNKNOWN,
21435	HARRIS, ELFRED
21489	OCCUPANT UNKNOWN,
21509	HOYLE, JOSHUA K
21637	OCCUPANT UNKNOWN,
21655	MEDEIROS, JAMES
	RICH, MONIKA L
	RUCH, MONIKA
21677	CHARONDO, TONY M
21696	CHRISTIAN, GROVER
21701	ANASTASIO, DOM
21712	OCCUPANT UNKNOWN,
21727	BROWN, MARY R
21761	CHAVEZ, RAFAEL G
21838	OCCUPANT UNKNOWN,
21840	PARSONS, DUANE M
21879	HOMESTEAD MOVING SYSTEMS
	OCCUPANT UNKNOWN,
21936	GODDARD, KATHRYN
24155	CALIFORNIA STAT OF TRANSPORTATION DEPARTMENT OF CALTRANS
25883	OCCUPANT UNKNOWN,
25895	GALVAO, BRUNO

S CORRAL HOLLOW RD 2000 (Cont'd)

25969 HILL, JAMES
25999 DEANDA, L
26003 BROCH, ALEXIS J
26097 OCCUPANT UNKNOWN,
26098 OCCUPANT UNKNOWN,
26101 FIGUIEREDO, DAVID P
26111 JONES, DWIGHT
26172 ALEXANDER, FRANCIS E
26193 OCCUPANT UNKNOWN,
26220 KING, JOHN J
26267 WHELIHAN, THOMAS
26275 WEBB, RONALD A
26325 OCCUPANT UNKNOWN,
26391 HENSLEY, DOUGLAS A
26395 OCCUPANT UNKNOWN,
26909 SKELTON, COREY L
26930 OCCUPANT UNKNOWN,
26978 RODRIGUEZ, ROBERTO
27088 GADOW, JOHN
LANZA, RICHARD
27104 BARENCHI, RONALD
27110 DOERR, FRANK
27124 BARENCHI, RONALD L
27162 RAMIREZ, JULIAN R
27220 BOLWAR, DAVID H
27290 OCCUPANT UNKNOWN,
27310 SERPA, ARTHUR J
27350 OCCUPANT UNKNOWN,
27452 CRUME, ALFRED G
27455 OCCUPANT UNKNOWN,
27488 OCCUPANT UNKNOWN,
27510 NEWMAN, GARY L
27550 VILLARREAL, P
27600 WEBERSKI, MARK
27608 OCCUPANT UNKNOWN,
27680 ROYCROFT, WILLIAM
27743 HAYMES, JOYCE L
27766 BRADLEY, GEORGE D
27784 RHODES, ANN
28720 TORRES, ALBERTO A
29290 OCCUPANT UNKNOWN,
30003 BITTER, HENRY
BITTERTOY KENNEL
30015 KOWALSKY, WILLIAM

Target Street	Cross Street	Source
✔	-	EDR Digital Archive

S TRACY BLVD 2000

100	MONTESSORI SCHOOL OF TRACY
101	IN SHAPE HEALTH CLUBS
220	MUNOZ, ISABELL
240	PREVIE, KRISTEN D
280	OCCUPANT UNKNOWN,
320	OCCUPANT UNKNOWN,
360	RODRIGUEZ, ADELA B
410	RAYA, ESTHER P
785	VALLEY CLEANERS
793	DINH JEWELRY
795	PAPA GINOS TAKE N BAKE PIZZA
797	KEVIN KIAN DDS
815	GREAT CLIPS FOR HAIR
875	LUCKY STORES INCORPORATED
	SAV ON DRUGS
915	TACO BELL
927	HAIRDO USA & SUPPLY
929	CURRY, M E
945	49ER CELLULAR
	FORTY-NINER CELLULAR
951	M & S NAILS
959	MERLE NORMAN
965	BASKIN-ROBBINS ICE CREAM STORE
1045	CENTRAL VALLEY PROPERTIES
	DITTMAN DEBBIE REAL ESTATE BROKER
	FALLAVENA JOAN REAL ESTATE BROKER
	LOCKWOOD DEE REAL ESTATE
	PFWD COMMERCIAL REAL ESTATE
	PUTT FALLAVENA WILLBANKS & DITTMAN REAL ESTATE BROKERS
	WEB JORDAN BFWD REAL ESTATE
	WILLBANKS GLENN ATTORNEY AT LAW
	WILLBANKS GLENN REAL ESTATE BROKER
1047	LANGLEY TERRANCE E INS
	STATE FARM INS COS AGENTS
5349	C B C MACHINING COMPANY
	SILVA TILE COMPANY
	WOMACK STRIPING
6640	TRACY CITY OF PUBLIC WORKS DEPARTMENT
15878	BLAKEY, TERRY
15888	BOHN, ROBERT J
15971	HALEY FLYING SERVICE
	HALEY FLYING SERVICE INCORPORATED
16501	OCCUPANT UNKNOWN,
16505	ARNAUDO BROTHERS INCORPORATED TRKNG
17190	DIAZ, S
17250	ROBBINS, RICHARD
17398	GALLI, A L
17500	MCATEE, MICHAEL D
18540	OCCUPANT UNKNOWN,
18567	BEDFORD, C

S TRACY BLVD 2000 (Cont'd)

18578 FOLEY, BOB
18775 SERPA, MARY L
19158 SILVEIRA, JOSEPH
19203 ARNAUDO, LEO
19475 ARNAUDO, EDWARD A
19899 ORTIZ, S G
20150 OCCUPANT UNKNOWN,
WESTERN SUN PRODUCTS
21125 GARZA, VENTURA
21171 DELGADILLO, MARIE D
21199 RODRIGUEZ, MARTIN
21201 OCCUPANT UNKNOWN,
21235 GUEUARA, PAUL
21237 MARTINEZ, RAFAEL
28644 LOU T TRUCKING
OCCUPANT UNKNOWN,
28700 BARBA, KELLY
OLAGUEZ, MARIO
RADEMACHER, C
RODRIGUEZ, PAULINE
YOCHUM, FRED
28770 LOPEZ, LOY R
PHELPS, C
28850 ORTIZ, GLORIA
28957 TRACY WEATHER ROBOT
29633 TRACY FLIGHT CENTER
29983 ADAIR, BILLY
30215 PLAIN VIEW WATER DISTRICT
30350 AMERICAN TRANSIT MIX COMPANY INCORPORATED
THOMAS, IVOR
30558 HERNANDEZ, JOSE D
RHODES, EARL H
30773 ROSE, RICH
30909 GRANITE CONSTRUCTION COMPANY
31619 CIRCLE H KENNELS
31637 SAGGESE, BERNARD
31801 CSENDES, GABOR
31809 RENTERIA, MICHAEL

Target Street	Cross Street	Source
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S CORRAL HOLLOW RD 1995

903	VALLEY COMMUNITY BAPTIST CHR
921	DEARMIN, DENNIS
20679	K & D TRUCKING
24155	TRANSPORTATION DEPT
24765	OCCUPANT UNKNOWNN
25473	JAQUES, TONY E
26097	LEE, EMMETT
26098	VARGAS, ERNEST E
26101	FIGUIEREDO, DAVID P
26111	JONES, DWIGHT
26121	BLACKSMITH, KENNY A
26172	ALEXANDER, FRANCIS E
26193	BRADLEY, FRED J
26395	CALLAHAN, L A
26930	PINEDA, SANTIAG
26978	RODRIGUEZ, ROBERTO
27022	WALTRIP, CHARLES G
27088	LANZA, RICHARD
27104	BARENCHI, RONALD
27110	OCCUPANT UNKNOWNN
27162	RAMIREZ, JULIAN R JR
27188	REESE, RON
27220	MCINTYRE, MIKE
27290	VLANDIS, PETER P
27452	CRUME, ALFRED G
27488	OCCUPANT UNKNOWNN
27600	ANGUS, DEBBY L
27680	SCIALABBA, KAREN
27743	TARGOWSKI CONSTRUCTION
27766	AZPEITIA, MIKE
27784	BROWN, LYNDA S
29290	GOODSON, BOB
30003	BITTER, HENRY JR
31130	SAN JOAQUIN COUNTY PUBLIC WORK

Target Street	Cross Street	Source
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S TRACY BLVD 1995

220	MUNOZ, JOE T
240	OCCUPANT UNKNOWNN
260	ANDERSON, MAMIE
280	OCCUPANT UNKNOWNN
320	CUELLAR, ANGEL
360	RODRIGUEZ, EFREN A
410	RAYA, S J
675	MCNAMARA, TRACY M
1045	CENTRAL VALLEY PROPERTIES
	JIM PUTT REAL ESTATE APPRAISER
	PUTT FALLAVENA WILLBANKS
	PUTT FALLVANNA WILBANKS DITTMA
1047	STATE FARM INSURANCE
1973	RINGER CHIROPRACTIC
1977	OAK PINE ELEGANCE & ACCENTS
2005	SAVE MART
2650	LARIMER, WILLIAM
5349	APPARATUS REPAIR CO
	BASS, LITA
	CBC MACHINING CO
	SKIE AIRMOTIVE
6640	TRACY WATER TREATMENT PLANT
10820	BACCHETTI, BERT
15878	GEORGE, TODD N
15888	TRUMAN, RUSSELL J
16850	RANKINS AG INC
17190	ARNAUDO BROTHERS INC
	ERCEG, IVAN
17411	GALLI, FRANK
18540	MORALES, ELSEGU
18567	BEDFORD, NEIL
18775	SERPA, JOHN F
19203	ARNAUDO, LEO
20150	WEAVER, TOMMY
21125	GARZA, VENTURA
21171	DELGADILLO, MARIE D
21199	RODRIGUEZ, MARTIN
21235	OCCUPANT UNKNOWNN
27867	OLLIFF, JESSE
28644	LOU T INC TRUCKING
	TUCKER, LOUIS
28700	BANALES, ANTONIO C
	HOLLOWAY, TOM
	PATTEE, SHERRY
28762	PHELPS, FRED W
28770	ARREOLA, JOSE
	CAMARILLO, M
	HERNANDEZ, JOSE
	PHELPS, DAN
	PHELPS, FRED W

S TRACY BLVD 1995 (Cont'd)

28770 SERRATO, MELECIO
29983 ADAIR, BILLY R
30215 PLAIN VIEW WATER DIST
30350 AMERICAN TRANSIT MIX CO
RMC LONE STAR
30558 RHODES, EARL H
ROJAS, SYLVIA
30773 ROSE, RICH
30909 GRANITE CONSTRUCTION INC
31619 CIRCLE H KENNELS
31801 STACK, GARY

Target Street	Cross Street	Source
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S CORRAL HOLLOW RD 1992

19123 SILVEIRA, C J
19177 PERRY, ROBERT
19843 SILVEIRA, ANTONIO
20103 GOULART, TONY D
20679 BROWN TRUCKING
GRAHAM, JAMES D
21135 MACHADO, RICHARD
21255 MILLER, DANA
21297 WILSON, FORREST L
21330 ALMEDA, J
NICODEMO, ROJAS
21349 PRICE, JAMES
21435 HARRISON, ORA
21509 THOMAS, RICK
21600 TOON, W R
21637 PARKER, JAMES E
21677 FALK, CLIFTON C
21701 THOMAS, CURTIS W
21712 CHRISTIAN, GROVER F
21831 MCGLOTHAN, AARON
MCGLOTHLAN, DALE
21838 BRAVO, JOSE G
21878 BEARDSLEY, DAVID
21884 TRUE DESIGN&FABRCTN
21936 GODDARD, KATHRYN
21955 FELISIANO, FORREST
22317 POMBO, RALPH F
23695 TOSTE, RODNEY
24155 CA ST TRNSP MNTNC
24516 SHARP, RALPH V JR
24550 BURTON, BRIAN
EVANGELICAL FREE CH
24765 SOARES EQUIP TRNSP
25473 JAQUES, TONY E
25787 DEARMIN, DENNIS
25883 GALVAO, MAX V
25895 MONTEJANO, MARTIN
26097 LEE, EMMETT
26098 VARGAS, ERNEST E
26111 PLUMMER, JODY
26220 KING, JOHN
26275 FLAGEN, NEIL
STONE, DEBRA D
26325 LENA, MELVIN
26391 HANEY, LELAND R
26395 CALLAHAN, L A
26930 PINEDA, S
27088 LANZA, RICHARD
27104 BARENCHI, RONALD
27162 RAMIREZ, JULIAN R JR

S CORRAL HOLLOW RD 1992 (Cont'd)

27220 MCINTYRE, MIKE
27488 REESE, RON
27550 CANNON, BOB J
27743 TARGOWSKI CONSTR
TARGOWSKI, RAY
28818 SILVA, TOM
29290 GOODSON, ROBERT
30003 BITTER HENRY JR
BITTER, HENRY JR
30600 KID CODYS AUTO STOP
213303 VALDEZ, BENNY

Target Street	Cross Street	Source
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S TRACY BLVD 1992

220 MUNOZ, JOE T
675 GOMES, D
1045 WERTMAN, ED
WILLBANKS, GLENN
1688 HOLTEN, DAVID C
1973 STONE CHIROPRACTIC
1975 WESSON HRNG AID CTR
1977 OAK PINE ELEGANCE
1985 KOKOMO BEACH
2005 SAVE MART BAKERY
2650 DUARTE, ROBERT E
5349 APPARATUS REPAIR CO
C B C MACHINING CO
S K I E AIRMOTIVE
15878 BOHN, ROBERT J
15888 TRUMAN, RUSSELL J
15971 HALEY FLYING SERV
16501 ARNAUDO BROS INC
16850 RANKINS AG INC
17190 ERCEG, JOHN
NICHOLAS, HOMER E SR
17411 GALLI, LOUIS
18567 BEDFORD, NEIL
18775 SERPA, JOHN F
19203 RANGEL, C C
21125 GARZA, VENTURA
21199 RODRIGUEZ, MARTIN
28644 LOU T INC TRUCKING
TUCKER, LOUIS
28700 GARNER, JAMES
28770 SERRATO, MELECIO
28850 BASH, GREGORY
29983 RHODES, EARL H
30000 R M C LONESTAR
30215 PLAIN VIEW WATER
30350 AMER TRANSIT MIX CO
30558 ROJAS, SYLVIA
30773 ROSE, RICHARD
30909 GRANITE CONSTR CO
NELSON READY MIX
31619 CIRCLE H KENNELS
31809 BERGERON, LEO T
192033 ARNAUDO, LEO
287701 MEZA, ANTONIO
PHELPS, FRED W

Target Street	Cross Street	Source
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TRACY BLVD S 1992

6640	TRACY CTY WTR TREAT
11501	KLEIN RANCH
20150	SOLAR DRY SYSTEMS
28957	TRACY WEATHER ROBOT
29633	TRACY CTY AIRPORT

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S CORRAL HOLLOW RD 1985

CORRAL HOLLOW RD S
95376 TRACY

19123	SILVEIRA CLARENCE J	835-8513	
19177	XXXX	00	
19842	MARTINEZ L L	835-9628	2
19843	SILVEIRA ANTONIO	835-3875	
20103	GOULART T D	835-4153	
20141	CANON CHARLIE W	835-4187	
20203	XXXX	00	
20679	BROWN TRUCKING	835-0364	2
	GRAHAM JAS DALE	835-0842	3
21055	XXXX	00	
21135	MACHADO RICHARD	835-8829	6
21162	ROKOS MIKE	835-0204	9
21191	SILVEIRA LAWRENCE L	835-1934	
21250	GOODRICH LARRY	836-2111	1
21255	SILVEIRA MANUEL F	835-3600	
21297	WILSON FORREST L	835-0658	
21330	LAREZ RAMON P	835-8460	+5
	RUIZ SALVADOR D	835-8086	8
	VALDEZ BENNY	835-7073	3
21349	PRICE JUANA	835-3610	
21400	ORTEGA BROS	835-0348	
21435	HARRISON MRS ELFRED	835-1699	4
	HARRISON ORA	835-0866	
21489	XXXX	00	
21509	THOMAS RICK	835-6126	8
21600	TOON W R	835-8798	
21637	XXXX	00	
21655	XXXX	00	
21675	XXXX	00	
21677	FALK CLIFTON C	835-8648	0
21696	XXXX	00	
21701	THOMAS CURTIS W	835-4299	
21712	CHRISTIAN GROVER F	835-4960	
21803	XXXX	00	
21831	MCGLOTHAN AARON	835-2629	
21838	XXXX	00	
21840	XXXX	00	
21878	MCGLOTHLAN DALE	836-3219	+5
21879	HOGLE WESLEY	835-0110	

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S CORRAL HOLLOW RD 1985



CORRAL HOLLOW RD S 95376 CONT

21884	TRUE DESIGN&FABRCTN	835-9660	
21888	XXXX	00	
21909	XXXX	00	
21910	XXXX	00	
21936	GODDARD K	835-5854	
21955	DEVINE DON	835-1571	0
21970	BORGES AUGUST	835-5102	
22001	XXXX	00	
22153	XXXX	00	
22167	XXXX	00	
22225	HAYES DERRIEL	835-2241	
22241	ADAIR BILLY R	835-2746	
	TRACY DAIRY	835-2746	7
22263	CUNOFF C S	835-4819	7
22285	LADNER CLYDE J JR	835-2817	1
22317	XXXX	00	
22323	HENDERSON JAS A	835-4182	3
22393	XXXX	00	
23001	XXXX	00	
23045	BARENCHI ROBT	835-6280	3
	R&R&SONS INC	478-5327	4
	R&R&SONS INC	835-6280	4
23097	GABBARD LEMOYNE	835-5358	
23165	PERRY AMBROSE J	835-3595	0
23260	WALTER FRED O	835-5848	4
23267	XXXX	00	
23402	XXXX	00	
23696	TOSTE RODNEY	836-6261	8
23699	XXXX	00	
24155	CA ST TRNSP MNTNC	835-6779	1
24450	LANDMARK CHRISTN SC	835-1776	2
24616	XXXX	00	
24634	XXXX	00	
24650	CALVARY BAPTIST CH	836-1892	
24689	XXXX	00	
24696	BRADSHAW JOHN M	836-1130	4
24765	SOARES EQPMT TRNSPT	835-0325	
	SOARES JERRY A	835-0325	
24767	XXXX	00	
25003	SILLIVAN LARRY	835-0885	
25300	MCCLURE JAS T	835-4386	
25473	JAQUES TONY E	835-1888	
25787	XXXX	00	
25883	KING JOE	835-4922	
25895	SILVA JOE D	836-3325	1
25990	ADAME ARCADIO	835-0344	
25999	SILLIVAN BUD	835-1525	
26003	DAX PETE	835-6136	+5
26097	LEE EMMETT	835-1493	
26098	VARGAS ERNEST E	835-6031	
	VARGAS ISABEL	835-6031	
26111	PLUMMER RONALD E	835-8305	
26139	XXXX	00	
26193	XXXX	00	
26204	XXXX	00	
26220	KING JOHN	835-4815	
26267	XXXX	00	
26276	XXXX	00	
26325	LOHR VICTOR E	835-3272	
26391	HANEY LELAND R	835-9548	
26395	CALLAHAN LAWRENCE A	835-8076	+5
26909	VAVRCK GEORGE W	836-4433	1
26930	XXXX	00	
26978	PINEDA JESUS	836-5324	1
27022	XXXX	00	
27068	LANZA RICHARD	835-6065	
27104	BARENCHI RONALD	835-6602	0
27110	XXXX	00	
27162	RAMIREZ JULIAN R JR	835-2573	3
27220	MCINTYRE MIKE	836-3267	2
27290	XXXX	00	
27310	SERPA ARTHUR J	836-1787	
27350	XXXX	00	
27452	XXXX	00	
27510	XXXX	00	
27550	CANNON BOB J	835-7401	6
27600	YBARRA C	835-1928	+5
27743	SANJON COMPACTION	835-2786	4
	TARGOWSKI RAY	835-2786	2
27756	AZPEITIA MIKE	835-5391	
27800	XXXX	00	
28600	XXXX	00	
28720	TORREZ LORENZO	836-4966	4
28818	SILVA TOM	835-3105	
30003	BITTER HENRY JR	836-2149	9
	BITTERTOY KENNEL	835-2149	
30600	BLACKBURN TRUCKING	836-3911	+5
	CARNEGIE TRUCK AUTO	835-3806	+5

* 15 BUS 112 RES 7 NEW

Target Street	Cross Street	Source
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S TRACY BLVD 1985

TRACY BLVD S 95375
TRACY

190	GARCIA FRANK E	836-0638	4
220	MUNOZ ISABELL	835-6262	
	MUNOZ JOE T	835-8262	4
280	NAVARRO FRANK	835-0305	4
320	CUELLAR ANGEL	835-6785	1
361	KELLY ELIZABETH	835-2777	4
410	RAYA S J	835-3567	4
1688	CIDROANO D B	835-5599	+5
2650	MCKINLEY WM R	835-6667	
5349	DESIGN PLASTICS	835-1090	+5
	MAINTENANCE EXPRSS	835-9067	+5
5749	TRACY CTY AIRPORT	835-9750	+5
10820	BACCHETTI BERT	635-1442	
11104	BACCHETTI MARK	835-6378	8
	BERTOLOTTI BOB	635-1997	
11404	MAHAN LES	835-8103	6
11501	ESPEJO MARGARITO	462-9035	+5
	KLEIN RANCH	485-6904	7
	OCEGEDA CRUZ R	462-0978	8
15406	YAMADA BOB	485-0125	0
	YAMADA BOB	462-4927	9
15888	TRUMAN JUANITA	835-4045	
	TRUMAN RUSSELL J	635-4045	
15900	SCHNATMEYER MICHAEL	836-1175	1
16850	RANKINS AG SERVICE	454-7851	4
	RANKING AG SERVICE	835-6254	6
17190	NICHOLAS HOMER E SR	835-8563	+5
17230	HANSON LAURA F	635-1050	2
	WERNER LEONA	838-3386	1
17398	GALLIA L	835-1173	
17411	GALLI LGUIS	835-0753	
17500	OOWNS BOB	635-4400	2
18640	PECKA GARY G	835-7720	1
18567	GONGORA MANUEL	885-1916	
	OCHOA EOWARO	836-4786	1
18900	HINES CARMEN	836-4324	+5
	OROZCO MANUEL	836-5690	+5
18775	SERPA JOHN F	035-1553	
18928	XXXX	00	
19158	BRANNON GORDON A	836-0336	4
19203	ARNAUDO LEO	835-6867	

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✔	-	Haines Criss-Cross Directory

S TRACY BLVD 1985

TRACY BLVD S		95378 CONT	
21125	DARZA VENTURA	835-8662	
21199	RODRIGUEZ MARTIN	835-7825	
21235	FLORES FRANCISCO	935-6164	0
25461	GOMES ENOS JR	835-1248	
25889	BAUKNECHT MARIE	835-8486	2
27867	KENNEDY R C	835-7439	
28584	CLEARY J	835-2857	+5
28600	XXXX	00	
28638	LYON DAVID W	835-3073	2
28644	PEREZ JOSEPH A	835-9082	8
28700	BAKER CLAYTON	835-9376	+5
	ELLIS DALE	835-9089	2
28766	GREEN ELDO	835-5208	
28770	PHELPS CATHERINE	835-3410	
	PHELPS DAN	835-3475	+5
	PHELPS FRED W	835-3410	
	SERRATO MELECIO	835-3129	9
28961	XXXX	00	
29387	MARION SPRINGER	835-2977	8
29633	DELTA FLIGHT CSNTER	835-9750	1
29983	RHODES EARL H	835-4164	
30215	PLAIN VIEW WATER	835-0375	0
30438	TRACY RAILCAR	835-0787	3
30558	ROJAS SYLVIA	836-5848	2
30773	ROSE RICHARD	835-1240	
30909	GRANITE CONSTR CO	982-4718	+5
31619	CIRCLE N KENNELS	835-8788	6
NO #	CUELLAR HIGINIO	835-6765	
NO #	DENNYS CONSTRUTION	835-9112	+5
NO #	GRANITE CONSTR CO	835-9475	1
NO #	LONE STAR INDSTRIES	835-1454	
NO #	MASONIC TEMPLE	835-9690	
NO #	RHODES A J	635-3632	
NO #	SHELL OIL CO JOBBRS	835-1363	
*	18 BUS 68 RES	13 NEW	

Target Street	Cross Street	Source
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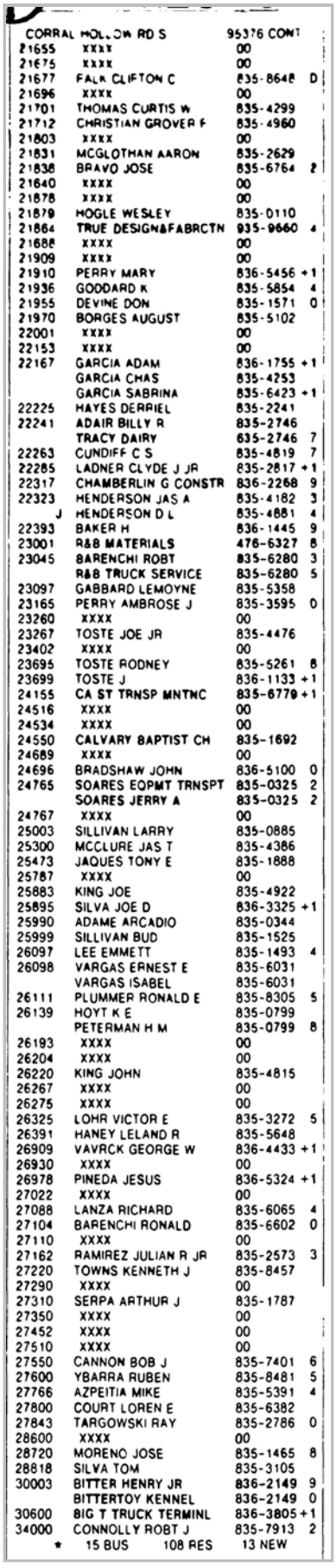
S CORRAL HOLLOW RD 1981

CORRAL HOLLOW RD S
95376 TRACY

19123	SILVEIRA CLARENCE J	835-8513	2
19177	XXXX	00	
19842	CISNEROS APOLOINO	836-3767	+1
19843	SILVEIRA ANTONIO	835-3875	
20103	GOULART T D	835-4153	
20141	CANON CHARLIE W	835-4187	
20203	MACHADO NICK	836-3860	+1
20679	GRAHAM JAS DALE	835-0842	3
21055	TOROK C L	836-0842	8
21135	MACHADO RICHARD	835-8829	6
21162	ROKOS MIKE	835-0204	9
21191	SILVEIRA LAWRENCE L	835-1934	
21250	GOODRICH LARRY	836-2111	+1
21255	SILVEIRA MANUEL F	835-3600	
21297	WILSON FORREST L	835-0658	5
21330	RUIZ SALVADOR D	835-8086	8
	VALDEZ BENNY	835-7073	3
21349	PRICE JUANA	835-3610	2
21400	ORTEGA BROS	835-0348	
21435	HARRISON ORA	835-0866	
21489	SAWVEL WM	835-4915	5
21509	THOMAS RICK	835-6126	8
21600	TOON W R	835-8798	
21637	XXXX	00	

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S CORRAL HOLLOW RD 1981



CORRAL HOLLOW RD S 95376 CONT

21655	XXXX	00	
21675	XXXX	00	
21677	FALK CLIFTON C	835-8648	D
21696	XXXX	00	
21701	THOMAS CURTIS W	835-4299	
21712	CHRISTIAN GROVER F	835-4960	
21803	XXXX	00	
21831	MCGLOTHAN AARON	835-2629	
21838	BRAVO JOSE	835-6764	2
21840	XXXX	00	
21878	XXXX	00	
21879	HOGLE WESLEY	835-0110	
21884	TRUE DESIGN&FABRCTN	835-9660	4
21888	XXXX	00	
21909	XXXX	00	
21910	PERRY MARY	836-5456	+1
21936	GODDARD K	835-5854	4
21955	DEVINE DON	835-1571	0
21970	BORGES AUGUST	835-5102	
22001	XXXX	00	
22153	XXXX	00	
22167	GARCIA ADAM	836-1755	+1
	GARCIA CHAS	835-4253	
	GARCIA SABRINA	835-6423	+1
22225	HAYES DERRIEL	835-2241	
22241	ADAIR BILLY R	835-2746	
	TRACY DAIRY	835-2746	7
22263	CUNDIFF C S	835-4819	7
22285	LADNER CLYDE J JR	835-2817	+1
22317	CHAMBERLIN G CONSTR	836-2268	9
22323	HENDERSON JAS A	835-4182	3
J	HENDERSON D L	835-4881	4
22393	BAKER H	836-1445	9
23001	R&B MATERIALS	476-6327	8
23045	BARENCHI ROBT	835-6280	3
	R&B TRUCK SERVICE	835-6280	5
23097	GABBARD LEMOYNE	835-5358	
23165	PERRY AMBROSE J	835-3595	0
23260	XXXX	00	
23267	TOSTE JOE JR	835-4476	
23402	XXXX	00	
23695	TOSTE RODNEY	835-5261	8
23699	TOSTE J	836-1133	+1
24155	CA ST TRNSP MNTNC	835-6779	+1
24516	XXXX	00	
24534	XXXX	00	
24550	CALVARY BAPTIST CH	835-1692	
24689	XXXX	00	
24696	BRADSHAW JOHN	836-5100	0
24765	SOARES EQPMT TRNSPT	835-0325	2
	SOARES JERRY A	835-0325	2
24767	XXXX	00	
25003	SILLIVAN LARRY	835-0885	
25300	MCCLURE JAS T	835-4386	
25473	JAQUES TONY E	835-1888	
25787	XXXX	00	
25883	KING JOE	835-4922	
25895	SILVA JOE D	836-3325	+1
25990	ADAME ARCADIO	835-0344	
25999	SILLIVAN BUD	835-1525	
26097	LEE EMMETT	835-1493	4
26098	VARGAS ERNEST E	835-6031	
	VARGAS ISABEL	835-6031	
26111	PLUMMER RONALD E	835-8305	5
26139	HOYT K E	835-0799	
	PETERMAN H M	835-0799	8
26193	XXXX	00	
26204	XXXX	00	
26220	KING JOHN	835-4815	
26267	XXXX	00	
26275	XXXX	00	
26325	LOHR VICTOR E	835-3272	5
26391	HANEY LELAND R	835-5648	
26909	VAVRCK GEORGE W	836-4433	+1
26930	XXXX	00	
26978	PINEDA JESUS	836-5324	+1
27022	XXXX	00	
27088	LANZA RICHARD	835-6065	4
27104	BARENCHI RONALD	835-6602	0
27110	XXXX	00	
27162	RAMIREZ JULIAN R JR	835-2573	3
27220	TOWNS KENNETH J	835-8457	
27290	XXXX	00	
27310	SERPA ARTHUR J	835-1787	
27350	XXXX	00	
27452	XXXX	00	
27510	XXXX	00	
27550	CANNON BOB J	835-7401	6
27600	YBARRA RUBEN	835-8481	5
27766	AZPEITIA MIKE	835-5391	4
27800	COURT LOREN E	835-6382	
27843	TARGOWSKI RAY	835-2786	0
28600	XXXX	00	
28720	MORENO JOSE	835-1465	8
28818	SILVA TOM	835-3105	
30003	BITTER HENRY JR	836-2149	9
	BITTERTOY KENNEL	836-2149	0
30600	BIG T TRUCK TERMINL	836-3805	+1
34000	CONNOLLY ROBT J	835-7913	2

* 15 BUS 108 RES 13 NEW

Target Street	Cross Street	Source
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S TRACY BLVD 1981

25132	GARCIA FRANK E	836-0638	9
25144	MUNOZ ISABELL	835-6262	
	MUNOZ JOE T	835-6262	
25178	ZARAGOZA WM	835-6479	
25196	XXXX	00	
25204	NAVARRO FRANK	835-0305	
25215	RUSSELL C	836-3758	+1
25218	CUELLAR A	836-2731	0
25245	XXXX	00	
25461	GOMES ENOS JR	835-1248	
25707	XXXX	00	
25989	CATES NAOMI	836-4049	0
	WEBSTER WES	836-4688	+1
25990	XXXX	00	
27867	KENNEDY R C	835-7439	
28110	XXXX	00	
28584	DAY ALAN E	836-1035	9
28600	ARCHER EUAL	835-5115	+1
28644	PEREZ JOSEPH A	835-9082	8
28700	JOHNSON CHRIS	836-5788	+1
	LEDBETTER JAMES D	835-4499	5
28766	GREEN ELDO	835-5208	
28770	CRAMER ROBERT	835-6350	8
	PHELPS CATHERINE	835-3410	
	PHELPS FRED W	835-3410	
	SERRATO MELECIO	835-3129	8
	SILVA JOHN F JR	836-3167	0
28850	XXXX	00	
28943	XXXX	00	
29220	XXXX	00	
29387	MARION SPRINGER	835-2977	8
29633	DELTA FLIGHT CENTER	835-9750	+1
29875	XXXX	00	
29883	XXXX	00	
29983	RHODES EARL H	835-4184	5
30014	XXXX	00	
30050	XXXX	00	
30215	PLAIN VIEW WATER	835-0375	0
30433	TRACY RAILCAR	835-0787	3

Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S TRACY BLVD 1981

..TRACY BLVD		95376 CONT..
30558	HERNANDEZ MARTIN	835-6210 3
30773	ROSE RICHARD	835-1240
30785	XXXX	00
31619	BURTON ANNETTE F	836-2262 +1
	CIRCLE H KENNELS	835-6766 6
31801	XXXX	00
NO #	CUELLAR HIGINIO	835-6785
NO #	GRANITE CONSTR CO	835-9475 +1
NO #	LONE STAR INDSTRIES	835-1454 2
NO #	MASONIC TEMPLE	835-9BS0
NO #	RHODES A J	835-3632
NO #	SAFEWAY STORES INC	835-1861 9
NO #	SHELL OIL CO JOBBBS	835-1393
★	88 BUS 169 RES	42 NEW

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CORRAL HOLLOW RD S 95376 TRACY

19123	*CLARENCE EQUIP SHOP	835-5207	+7
	SILVEIRA CLARENCE	835-8513	2
19177	SILVA ROBT L	835-7885	4
19486	ANASTASIO JOHN	835-6004	2
19488	XXXX	00	
19842	RAMIREZ LEOPOLDO	835-0899	
19843	SILVEIRA ANTONIO	835-3875	
20103	GOULART T D	835-4153	
20141	CANON CHARLIE W	835-4187	
20203	STONE ROSCOE	836-0682	+7
20679	GRAHAM JAS DALE	835-0842	3
21135	MACHADO RICHARD	835-8829	6
	PRUETT E M	835-3703	2
21162	XXXX	00	
21191	SILVEIRA LAWRENCE	835-1934	
21255	SILVEIRA MANUEL F	835-3600	
21297	WILSON FORREST L	835-0658	5
21330	VALDEZ BENNY	835-7073	3
21349	PRICE JUANA	835-3610	2
21400	GONZALES JESUS	835-7542	2
	*ORTEGA BROS	835-0348	
21435	HARRISON ORA	835-0866	
21489	SAWVEL WM	835-4915	5
21509	XXXX	00	
21600	TOON W R	835-8798	
21637	ROBINSON LLOYD A	835-4937	
21655	LANE KENNETH	835-7641	6
21675	XXXX	00	
21696	XXXX	00	
21701	THOMAS CURTIS W	835-4299	
21712	CHRISTIAN GROVER F	835-4960	
21803	XXXX	00	
21831	MCGLOTHAN AARON	835-2629	
	MCGLOTHLAN DALE	835-8248	6
21838	BRAVO JOSE	835-6764	2
21840	XXXX	00	
21866	XXXX	00	
21878	ANASTASIO FRANKIE	835-5719	5
21879	HOGLE WESLEY	835-0110	
21884	*TRUE DESIGN&FABRCTN	835-9660	4
21888	XXXX	00	
21909	NEWTON JAS W	835-3934	
21910	*WALKER CONSTRUCTION	835-2016	+7
21936	GODDARD K	835-5854	4
21955	DEVINE DON W	835-3169	
21970	BORGES AUGUST	835-5102	
22001	XXXX	00	
22153	MCCLELLAN H F SR	835-8886	
22167	GARCIA CHAS	835-4253	
	GARCIA VINCE	835-3912	+7
22225	HAYES DERRIEL	835-2241	
22241	ADAIR BILLY R	835-2746	
	*TRACY DAIRY	835-2746	+7
22263	CUNDIFF C S	835-4819	+7
22285	SIMMONS LEO H	835-3694	
22323	HENDERSON JAS A	835-4182	3
	J HENDERSON D L	835-4881	4
23001	XXXX	00	
23045	BARENCHI ROBT	835-6280	3
	*R&B DUMP TRUCK SERV	478-6327	4
	*R&B TRUCK SERVICE	835-6280	5
23097	GABBARD LEMOYNE	835-5358	
23260	SOUZA ANTONIO R	835-0290	
23267	TOSTE JOE JR	835-4476	
23402	XXXX	00	
23695	LARUE DAVID J	835-7590	3
24155	*CALIF ST HWAY MNTS	835-6779	
24516	XXXX	00	
24534	WALTER ALBERT L	835-2694	3
24550	*CALVARY BAPTIST CH	835-1892	
24689	XXXX	00	
24696	FENRICH PETE S	835-7087	
24765	*SOARES EQPMT TRNSPT	835-0325	2
	*SOARES JERRY A	835-0325	2
24767	COATS FRED S	835-2401	+7
25003	SILLIVAN LARRY	835-0885	
25300	MCCLURE JAS T	835-4386	
25473	JAQUES TONY E	835-1888	
25787	XXXX	00	

Target Street	Cross Street	Source
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S CORRAL HOLLOW RD 1977

..CORRAL HOLLOW RD S 95376 CONT..

25883	KING JOE	835-4922
25895	XXXX	OO
25990	ADAME ARCADIO	835-0344
25999	SILLIVAN BUD	835-1525
26097	LEE EMMETT	835-1493 4
26098	VARGAS ERNEST E	835-6031
	VARGAS ISABEL	835-6031
26111	PLUMMER RONALD E	835-8305 5
26139	HOYT BOB	835-0799
26193	PETERMAN H E	835-1207
26220	KING JOHN	835-4815
26267	PARKER W S	835-1422
26275	DODD V N	835-5126+7
26325	LOHR VICTOR E	835-3272 5
26391	HANEY LELAND R	835-5648
26909	MATINRAZM HOSHANG	835-8446 6
	MATINRAZM SHEREEN	835-5670+7
26930	XXXX	OO
26978	RICE DON	835-6115 6
27022	OTTO W A JR	835-2884 6
27088	LANZA RICHARD	835-6065 4
27110	XXXX	OO
27162	RAMIREZ JULIAN R JR	835-2573 3
27220	TOWNS KENNETH J	835-8457
27290	VLANDIS JOHN	836-0332+7
	VLANDIS PAUL P	836-0332+7
27310	SERPA ARTHUR J	835-1787
27350	FOSTER JOE E	835-2037 3
27387	HOLMES STEPHEN R	835-7591+7
27452	SHULTZ D L	835-1308+7
27510	CALLEJA JOS J	835-6288 3
27550	CANNON BOB J	835-7401 6
27600	YBARRA RUBEN	835-8481 5
27766	AZPEITIA MIKE	835-5391 4
27800	COURT LOREN E	835-6382
28600	VIEIRA M	835-8415 2
28818	SILVA TOM	835-3105
29272	HUCK LESTER	835-3521
29290	XXXX	OO
30003	TOMS GARY	835-8640 5
30715	XXXX	OO
34000	CONNOLLY ROBT J	835-7913 2
NO #	PELUCCA HENRY JR	835-3265
NO #*	PROFESSIONAL CHEV	835-9091+7

* 12 BUS 111 RES 14 NEW

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S TRACY BLVD 1977

25132	XXXX	00
25144	MUNOZ ISABELL	835-6262
	MUNOZ JOE T	835-6262
25178	ZARAGOZA WM	835-6479
25196	ANDERSON HORACE	835-5596
25204	NAVARRO FRANK	835-0305
25215	TAILES EDDIE	835-9318 6
25246	XXXX	00
25461	GOMES ENOS JR	835-1248
25707	GOMES H	835-5185 3
25989	XXXX	00
25990	FAIRLESS HARRY	836-0471+7
27867	KENNEDY R C	835-7439
28110	DUNN FELIPE	836-0458+7
28584	SMITH DALLAS	835-6058
28600	CORNING LAUREN	835-0674+7
28700	CRAMER ROBT	835-6350 5
	*LEDBETTER BUILDERS	835-2000 5
	LEDBETTER JAS B	835-4499 5
	SOLARIO GEO	835-8386 5
28766	GREEN ELDO	835-5208
	MILLER C C	835-5208
28770	PHELPS CATHERINE	835-3410
	PHELPS FRED W	835-3410
28850	SMITH DAVID R	835-6164 4
28943	XXXX	00
29220	XXXX	00
29387	VALLEY SPORT FLYIN	835-2977+7
29633	*HAWKE FLYING SERVCE	835-7699+7
29883	XXXX	00
29983	RHODES EARL H	835-4184 5
30014	XXXX	00
30050	XXXX	00
30433	*TRACY RAILCAR	835-0767 3
30558	HERNANDEZ MARTIN	835-6210 3
30773	ROSE RICHARD	835-1240
30785	XXXX	00
31619	*CIRCLE H KENNELS	835-6766 6
31801	XXXX	00
NO #	CUELLAR ANGEL	835-6785
NO #	CUELLAR HIGINIO	835-6785
NO #	DINKEL MARVIN R	835-1393 2
NO #	*LONE STAR INDUSTRS	835-1454 2
NO #	*MASONIC TEMPLE	835-9880
NO #	*MIDWAY AERIAL APP	836-0365+7
NO #	*PLAIN VIEW WATR DST	835-0375
NO #	RHODES A J	835-3632
NO #	*SHELL OIL CO JOBBRS	835-1393
	* 75 BUS 177 RES 61 NEW	

Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S CORRAL HOLLOW RD 1974

CORRAL HOLLOW RD S 95376 TRACY

```
19123*SILVEIRA CLARENCE J835-5207
      SILVEIRA CLARENCE  835-8513 2
19177 SILVA ROBT L       835-7885+4
19486 ANASTASIO JOHN     835-6004 2
19488  XXXX              00
19842 RAMIREZ LEOPOLDO   835-0899
19843 SILVEIRA ANTONIO   835-3875
20103 GOULART T D        835-4153
20141 CANON CHARLIE W    835-4187
20203 BACCHETTI C        835-6267
      CANNON J A         835-9555+4
      RICHMOND L M       835-9555+4
20679 GRAHAM JAS DALE    835-0842 3
21135 PRUETT E M         835-3703 2
21162  XXXX              00
21191 SILVEIRA LAWRENCE  835-1934
21255 SILVEIRA MANUEL F  835-3600
21330 VALDEZ BENNY       835-7073 3
21349 PRICE JUANA        835-3610 2
21400 GONZALES JESUS     835-7542 2
     *ORTEGA BROS        835-0348
21435 HARRISON ORA       835-0866
21509  XXXX              00
21600 TOON W R           835-8798
21637 ROBINSON LLOYD A   835-4937
21675  XXXX              00
21696 LASITER JOHN JR    835-2207
21701 THOMAS CURTIS W    835-4299
21712 CHRISTIAN GROVER F 835-4960
21803 SILVEIRA JOHN S    835-1259
21831 MCGLOTHAN AARON    835-2629
      MCGLOTHLAN DALE    835-2175 3
21838 BRAVO JOSE         835-6764 2
21840  XXXX              00
21866 HARP LEWIS W       835-4575+4
21878  XXXX              00
21879 HOGLE WESLEY       835-0110
21884*TRUE DESIGN&FABRCTN835-9660+4
21888*TERRIS SEWG MACH SV835-8748+4
21909 NEWTON JAS W       835-3934
21910 TRUCHINISKI R O    835-3271+4
21936 GOODARD K          835-5854+4
21955 DEVINE OON W       835-3169
21970 BORGES AUGUST      835-5102
22001 MAHAN GLEN         835-0972
      MAHAN MARIA E      835-0972
22153 MCCLELLAN H F SR   835-8886
22167 GARCIA CHAS        835-4253
22225 HAYES DERRIEL      835-2241
22241 ADAIR BILLY R      835-2746
22263 CUNDIFF R E JACK   835-4819
22285 SIMMONS LEO H      835-3694
22323 HENDERSON JAS A    835-4182 3
    J HENDERSON D L      835-4881+4
23001  XXXX              00
23045 BARENCHI ROBT      835-6280 3
     *R&B DUMP TRUCK SERV478-6327+4
23097 GABBARD LEMOYNE    835-5358
23260 SOUZA ANTONIO R    835-0290
23267 TOSTE JOE JR       835-4476
23402 GERINGER GLEN C    835-1164
23695 LARUE DAVID J      835-7590 3
24155*CALIF ST HWAY MNTS 835-6779
24516 COX STANLEY D      835-7206
      GRUBER JAS R       835-7386
24534 WALTER ALBERT L    835-2694 3
24550*CALVARY BAPTIST CH 835-1892
24689 PENAFLOR GENARO    835-3108
24696 FENRICH PETE S     835-7087
24765*SOARES EQPMT TRNSPT835-0325 2
     *SOARES JERRY A     835-0325 2
25003 SILLIVAN LARRY     835-0885
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Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S CORRAL HOLLOW RD 1974

..CORRAL HOLLOW RD S 95376 CONT..

25300	MCCLURE JAS T	835-4386	
25473	JAQUES TONY E	835-1888	
25787	ANASTASIO ZENOBIA	835-1357	+4
25883	KING JOE	835-4922	
25895	XXXX	00	
25990	ADAME ARCADIO	835-0344	
25999	SILLIVAN BUD	835-1525	
26097	LEE EMMETT	835-1493	+4
26098	VARGAS ERNEST E	835-6031	
	VARGAS ISABEL	835-6031	
26111	JACKS WM C	835-0764	
26139	HOYT BOB	835-0799	
26193	PETERMAN H E	835-1207	
26220	KING JOHN	835-4815	
26267	PARKER W S	835-1422	
26325	XXXX	00	
26391	HANEY LELAND R	835-5648	
26930	CUNNINGHAM RICHARD	835-5974	2
26978	CUNNINGHAM CLAY	835-8898	+4
27088	LANZA RICHARD	835-6065	+4
27110	XXXX	00	
27162	RAMIREZ JULIAN R JR	835-2573	3
27220	TOWNS KENNETH J	835-8457	
27310	SERPA ARTHUR J	835-1787	
27350	FOSTER JOE E	835-2037	3
27510	CALLEJA JOS J	835-6288	3
27766	AZPEITIA MIKE	835-5391	+4
27800	COURT LOREN E	835-6382	
28600	VIEIRA M	835-8415	2
28818	SILVA TOM	835-3105	
29272	HUCK LESTER	835-3521	
30715	XXXX	00	
34000	CONNOLLY ROBT J	835-7913	2
NO #	PELUCCA HENRY JR	835-3265	
NO #*	STANDARD OIL CALIF	835-9091	3

* 10 BUS 97 RES 15 NEW

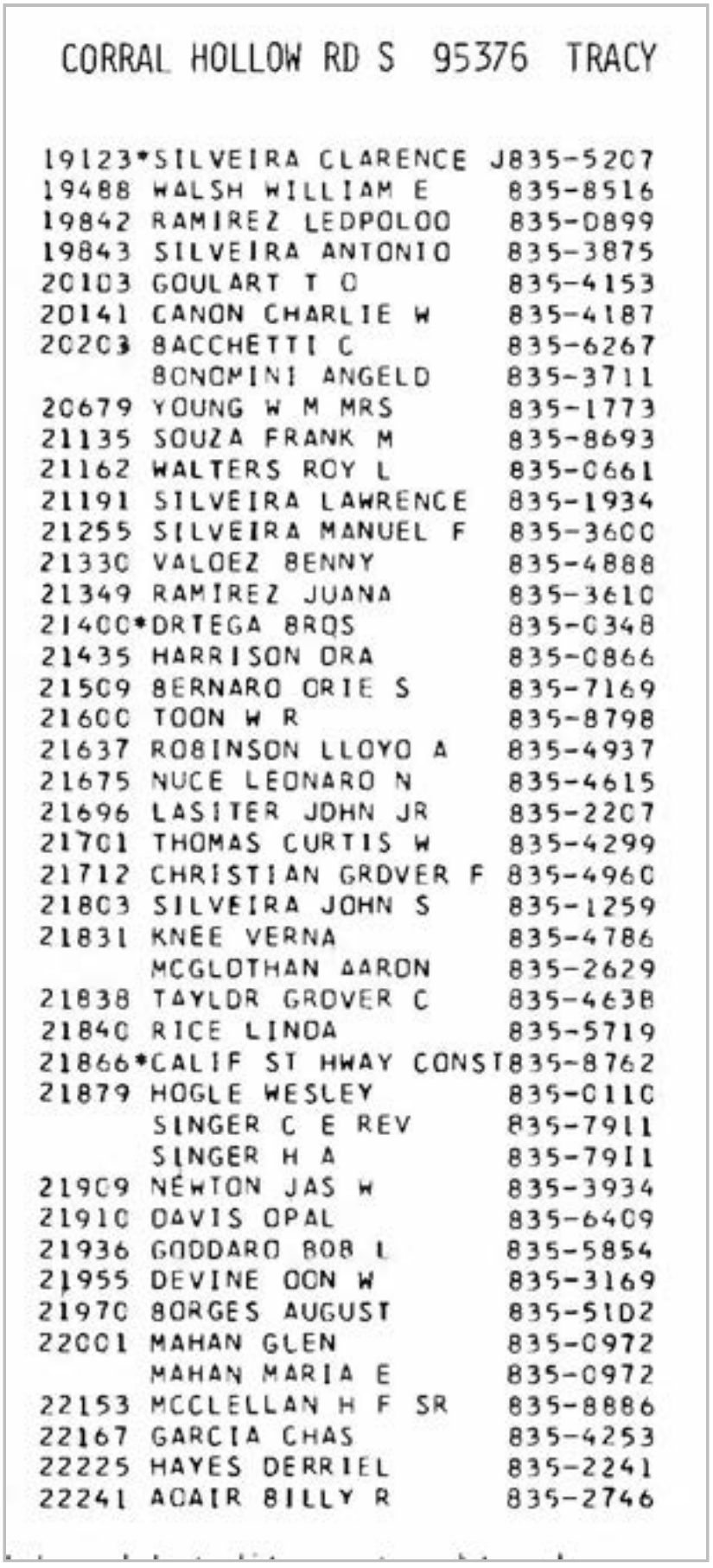
Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S TRACY BLVD 1974

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25144 MUNOZ ISABELL          835-6262
      MUNOZ JOE T            835-6262
25178 ZARAGOZA WM            835-6479
25196 ANDERSON HORACE        835-5596
25204 NAVARRO FRANK          835-0305
25215  XXXX                  00
25246  XXXX                  00
25461 GOMES ENOS JR          835-1248
25707 GOMES H                835-5185 3
25989*BENIGNO ORCHARDS       835-6136+4
      COSTA A D              835-4295 3
25990 SANTANA A A            835-2046
27867 KENNEDY R C            835-7439
28584 SMITH DALLAS           835-6058
28600 SCHLEICHER BARRY       835-5619
28700...APARTMENTS
      CALDWELL JAS F         835-4499+4
      HARRINGTON RICHARD     835-6753+4
      LEDBETTER JAS B        835-2000
      MARQUEZ RAFAEL         835-6350+4
      WESTON R               835-8378 3
28700.....................
28766 GREEN ELDO             835-5208
      MILLER C C             835-5208
28770 HIGGINS WM C           835-4078+4
      PHELPS CATHERINE       835-3410
      PHELPS FRED W          835-3410
28850 SMITH DAVID R          835-6164+4
28943  XXXX                  00
29220 NIETO SAM              835-0763
29387*VALLEY SPORT FLYING     835-2977+4
29633*HALEY FLYING SERV       835-4983
      MACHADO STANLEY        835-2152
     *TRACY AVIATION CNTR    835-8953 2
     *TRACY MUNICPL ARPRT    835-8953+4
29883 RHODES EARL H          835-4184
30014 BUMGARMER KENNETH      835-4703
30050  XXXX                  00
30433*TRACY RAILCAR           835-0767 3
30558 HERNANDEZ MARTIN       835-6210 3
30773 ROSE RICHARD           835-1240
30785  XXXX                  00
31801 RICHEY EDW             835-0438+4
31809 WEBB RALPH             835-6541 2
 NO # CUELLAR ANGEL          835-6785
 NO # CUELLAR HIGINIO        835-6785
```

Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S CORRAL HOLLOW RD 1971



CORRAL HOLLOW RD S 95376 TRACY

19123*	SILVEIRA CLARENCE J	835-5207
19488	WALSH WILLIAM E	835-8516
19842	RAMIREZ LEOPOLOO	835-0899
19843	SILVEIRA ANTONIO	835-3875
20103	GOULART T O	835-4153
20141	CANON CHARLIE W	835-4187
20203	BACCHETTI C	835-6267
	BONOMINI ANGELO	835-3711
20679	YOUNG W M MRS	835-1773
21135	SOUZA FRANK M	835-8693
21162	WALTERS ROY L	835-0661
21191	SILVEIRA LAWRENCE	835-1934
21255	SILVEIRA MANUEL F	835-3600
21330	VALOEZ BENNY	835-4888
21349	RAMIREZ JUANA	835-3610
21400*	ORTEGA BROS	835-0348
21435	HARRISON ORA	835-0866
21509	BERNARO ORIE S	835-7169
21600	TOON W R	835-8798
21637	ROBINSON LLOYO A	835-4937
21675	NUCE LEONARO N	835-4615
21696	LASITER JOHN JR	835-2207
21701	THOMAS CURTIS W	835-4299
21712	CHRISTIAN GROVER F	835-4960
21803	SILVEIRA JOHN S	835-1259
21831	KNEE VERNA	835-4786
	MCGLOTHAN AARON	835-2629
21838	TAYLOR GROVER C	835-4638
21840	RICE LINOA	835-5719
21866*	CALIF ST HWAY CONST	835-8762
21879	HOGLE WESLEY	835-0110
	SINGER C E REV	835-7911
	SINGER H A	835-7911
21909	NEWTON JAS W	835-3934
21910	OAVIS OPAL	835-6409
21936	GODDARO BOB L	835-5854
21955	DEVINE OON W	835-3169
21970	BORGES AUGUST	835-5102
22001	MAHAN GLEN	835-0972
	MAHAN MARIA E	835-0972
22153	MCCLELLAN H F SR	835-8886
22167	GARCIA CHAS	835-4253
22225	HAYES DERRIEL	835-2241
22241	ACAIR BILLY R	835-2746

Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S CORRAL HOLLOW RD 1971

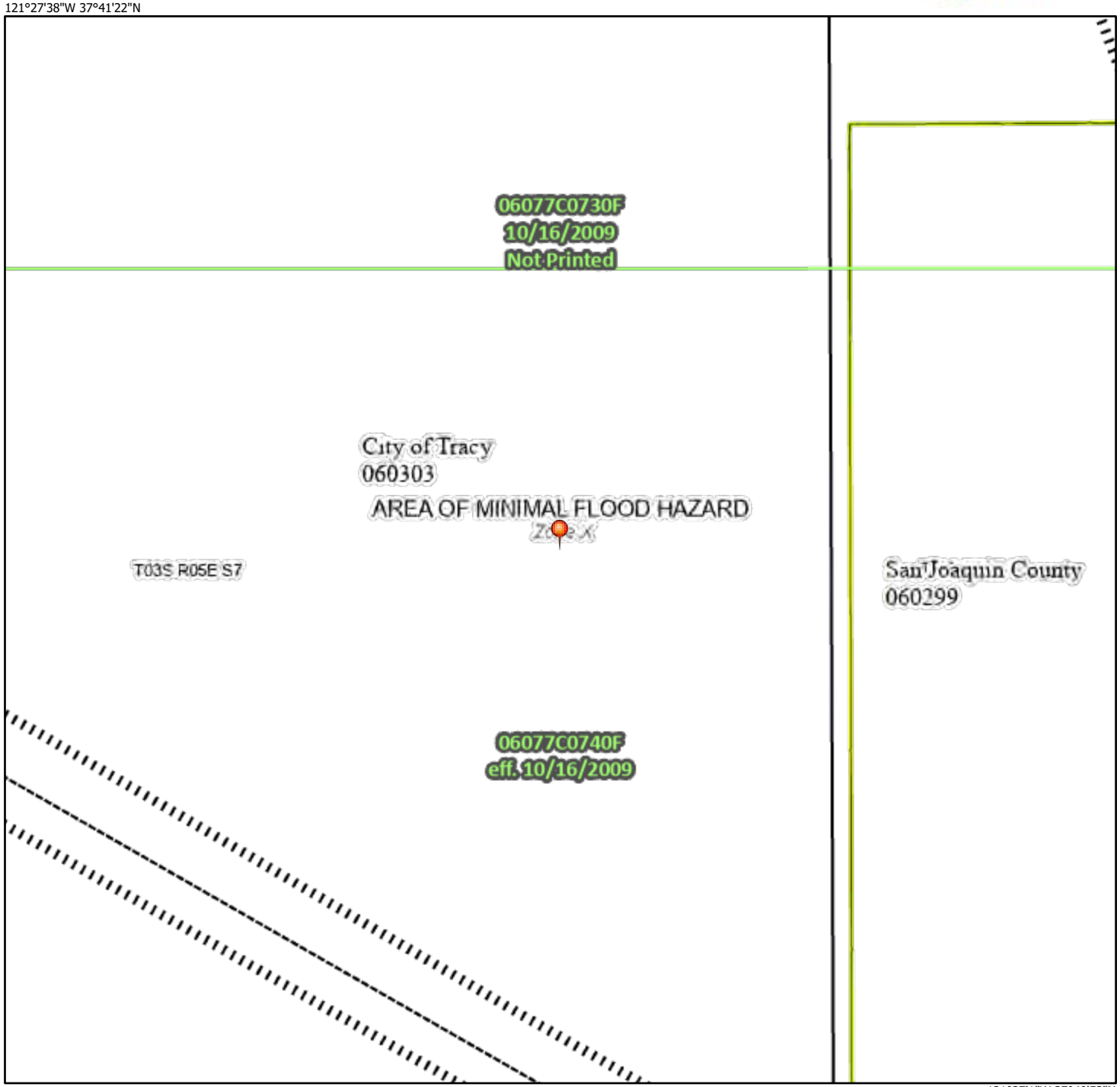
22263 CUNDIFF R E JACK 835-4819
22285 SIMMONS LEO H 835-3694
23001 GREEN JOHN R 835-8989
23045 BARENCHI ROBT 835-6280
*R&B DUMP TRUCK SERV 478-6327
*R&B DUMP TRUCK SV 835-6280
23097 GABBARO LEMOYNE 835-5358
23260 SOUZA ANTONIO R 835-0290
23267 TOSTE JOE JR 835-4476
23402 GERINGER GLEN C 835-1164
23695 WILKERSON ROY E 835-1918
24155*CALIF ST HWAY MNTS 835-6779
24516 COX STANLEY O 835-7206
GRUBER JAS R 835-7386
24550*CALVARY BAPTIST CH 835-1892
24689 PENAFLOR GENARO 835-3108
24696 FENRICH PETE S 835-7087
24765 SOARES BELLE MRS 835-0325
SOARES JERRY 835-0325
25003 SILLIVAN LARRY 835-0885
25300 MCCLURE JAS T 835-4386
25473 JAQUES TONY E 835-1888
25883 KING JOE 835-4922
25895 QUIROGA JUAN 835-8783
25990 AOAME ARCADIO 835-0344
25999 SILLIVAN BUD 835-1525
26097 CUMMINS O R 835-4524
26098 VARGAS ERNEST E 835-6031
VARGAS ISABEL 835-6031
26111 JACKS WM C 835-0764
26139 HOYT BOB 835-0799
26193 PETERMAN H E 835-1207
26220 KING JOHN 835-4815
26267 PARKER W S 835-1422
26325 OLSON BILL L 835-8993
26391 HANEY LELAND R 835-5648
26930 HAMILTON OEON 835-8322
26978 SOUZA DAN 835-7686
27110 RYAN M E 835-6242
27220 TOWNS KENNETH J 835-8457
27310 SERPA ARTHUR J 835-1787
27350*HUTTON J R TRUCKING 835-1916
27510 SOBRERO MIKE 835-2508
27800 COURT LOREN E 835-6382
28818 SILVA TOM 835-3105
29272 HUCK LESTER 835-3521
30715*TRACY TRACTOR 835-6333
NO # PELUCCA HENRY JR 835-3265
NO #*STANDARD OIL CO STN 835-9971
* 10 BUS 83 RES

Target Street	Cross Street	Source
✔	-	Haines Criss-Cross Directory

S TRACY BLVD 1971

22257	GOMEZ MANUEL	835-1589
	*MARIE GOMES FARMS	835-1792
22299	GOMES MARIE S	835-3097
22326	GOMES ALMER	835-3997
22355	GOMES JOHN	835-5571
25144	MUNOZ ISABELL	835-6262
	MUNOZ JOE T	835-6262
25178	ZARAGOZA WM	835-6479
25196	ANDERSON HORACE	835-5596
25204	NAVARRO FRANK	835-0305
25215	LOURENCO JOSE M	835-2026
25246	GUTIERREZ MANUEL	835-7953
25461	GOMES ENOS JR	835-1248
25707	GOMES GILBERT	835-1357
25990	SANTANA A A	835-2046
27867	KENNEDY R C	835-7439
28584	SMITH DALLAS	835-6058
28600	SCHLEICHER BARRY	835-5619
28700	GIPSON ARVEL G	835-8102
	LEOBETTER JAS B	835-2000
	LEON GILBERT	835-8854
28766	GREEN ELOO	835-5208
	MILLER C C	835-5208
28770	FOWLER LONNIE	835-7961
	KELLEY RANDALL	835-8671
	PHELPS CATHERINE	835-3410
	PHELPS FRED W	835-3410
28850	BURKE BOB G	835-8715
28943	BRISTOW TOM	835-0444
29220	NIETO SAM	835-0763
29633	*HALEY FLYING SERV	835-4983
	MACHADO STANLEY	835-2152
	*PROFESSIONAL AVIATN	835-7979
	*TRACY AIRPORT	835-7979
29883	RHODES EARL H	835-4184
30014	BUMGARMER KENNETH	835-4703
30050	ADAMS MARY EMMA	835-8563
30086	AXTON CARL A	835-2433
	AXTON RICHARD C	835-2433
30773	ROSE RICHARD	835-1240
30785	*SYAR&HARMS INDUSTRY	835-8763
NO #	*BIANCHI BROS	835-4010
NO #	BOTSFORD FRED L	835-0767
NO #	CUELLAR ANGEL	835-6785
NO #	CUELLAR HIGINIO	835-6785
NO #	GAIA EUGENIO	835-2440
NO #	*MASONIC TEMPLE	835-9880
NO #	OBAD MIKE SR	835-0441
NO #	*PACIFC CMNT&AGGRGTS	835-1454
NO #	*PLAIN VIEW WATR DST	835-0375
NO #	RHODES A J	835-3632
NO #	*SHELL OIL CO JOBBRS	835-1393
	* 47 BUS 124 RES	

National Flood Hazard Layer FIRMette



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 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 1/29/2021 at 6:35 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.

Environmental Lien Search Report
E L S

Security First Title Resource
Residential - Commercial - Environmental

Prepared For
Wallace – Kuhl & Associates
3050 Industrial Boulevard, West Sacramento, CA 95691

Project Name
Tracy Hills Logistics Park Property
Report 1 of 2

January 28, 2021

Security First Title Resource
Residential - Commercial - Environmental

14115 Lincoln Avenue N.E., #500 – Minneapolis, MN 55304
Tel.: (866) 288-0829 - Fax (866) 343-2388
Info@SecurityFirstTitleResource.com - www.securityfirsttitleresource.net

Celebrating 33 years in business.

The Environmental Lien Search Report (ELS) provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering control and institutional controls.
Our in house professional abstractors / title examiners, following established procedure, use client supplied property data, such as property address, map, parcel number etc. to search for:

- parcel information and / or legal description
- search for ownership information
- research official recorded land title documents
- provide a copy of the deed
- search for environmental encumbering instrument (s) associated with the deed
- provide a copy of any environmental encumbrance (s) based upon a review of key words in the Instrument (s) (title, parties involved, and description).

Below is the property data information and Environmental Lien Search report of the subject property for a period ending January 10, 2021.

A copy of the current vesting deed is attached hereto and made a part hereof.

CLIENT PROJECT NO.: 13041.02 REPORT DATE: January 28, 2021

SUBJECT PROPERTY: Tracy Hills Logistics Park Property

COUNTY / JURISDICTION: San Joaquin, California

PROPERTY IDENTIFIER: 253-020-160-000 & 253-020-170-000

CURRENT OWNER INFORMATION (Vesting)

Type of Deed: Grant Deed
Title Vested in: Gurcharan Kaur Takhar, a married woman as her sole and separate property
Deed dated: 11-26-2019
Deed Recorded: 11-26-2019
Document # 2019-138011

LEGAL DESCRIPTION: See the current vesting deed attached hereto and made a part hereof.

Disclaimer

This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHAT SOEVER IN CONNECTION WITH THIS REPORT. Security First Title Resource, specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. Therefore, the company's liability to this report extends only to the fee charged thereof. Copyright 2012 -2017 by Security First Title Resource. All Rights Reserved. Reproduction in any media or format, in whole or in part, of any report, or its affiliates, is prohibited without prior written permission.

Environmental Lien Search

ENVIRONMENTAL LIEN

Environmental Lien: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

RECORDING REQUESTED BY:

Schack and Company, Inc.

WHEN RECORDED, MAIL TO:

Gurcharan Kaur Takhar
1735 Birchwood Lane
Tracy, CA 95376

Doc #: 2019-138011
11/26/2019 02:52:19 PM Tax: $275.00
Page: 1 of 3 Fee: $30.00
Steve J. Bestolarides
San Joaquin County Recorders
Paid By: SHOWN ON DOCUMENT

APN 253-020-03 Space Above This Line For Recorder's Use Only

GRANT DEED

The undersigned grantor(s) declare(s):
Documentary Transfer Tax is: $275.00
(X) computed on full value of property conveyed, or
( ) computed on full value less of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: (X) City of Tracy

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Iqbal Sandhu and Inderjit Sandhu, Trustees of the Iqbal Sandhu and Inderjit Sandhu 2012 Trust, an undivided thirty-four percent (34%), Karnail Sandhu and Ranbir Sandhu, Trustees of the Karnail Sandhu and Ranbir Sandhu 2012 Trust, an undivided thirty-three (33%), and Satnam Sandhu and Manjeet Sandhu, Trustees of the Satnam Sandhu and Manjeet Sandhu 2012 Trust, an undivided thirty-three (33%)

hereby GRANT(S) to

Gurcharan Kaur Takhar, a married women as her sole and separate property

that following described property in City of Tracy, San Joaquin County, State of California, described as:

ALL OF PARCEL 1 AND 2, AS SHOWN UPON THAT CERTAIN PARCEL MAP, FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

Dated this 26 day of November, 2019.

SEE OWNERS/GRANTORS SIGNATURE PAGE ATTACHED.

OWNERS/GRANTORS SIGNATURE PAGE:

Iqbal Sandhu, Trustee of the Iqbal Sandhu
and Inderjit Sandhu 2012 Trust

Inderjit Sandhu, Trustee of the Iqbal Sandhu
and Inderjit Sandhu 2012 Trust

Karnail Sandhu, Trustee of the Karnail Sandhu
and Ranbir Sandhu 2012 Trust

Ranbir Sandhu, Trustee of the Karnail Sandhu
and Ranbir Sandhu 2012 Trust

Satnam Sandhu, Trustee of the Satnam Sandhu
and Manjeet Sandhu 2012 Trust

Manjeet Sandhu, Trustee of the Satnam Sandhu
and Manjeet Sandhu 2012 Trust

PLEASE USE CALIFORNIA ALL PURPOSE NOTARY ACKNOWLEDGMENT(S)

CALIFORNIA ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Joaquin }

On November 26th, 2019 before me, Rajwinder Kaur Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Kamail S. Sandhu, Ranbir K. Sandhu, Inderjit Sandhu,
Name(s) of Signer(s)

Iqbal Sandhu, Manjeet K. Sandhu, Satnam S. Sandhu,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~/are subscribed to the within instrument and acknowledged to me that ~~he/she~~/they executed the same in ~~his/her~~/their authorized capacity(ies), and that by ~~his/her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

RAJWINDER KAUR
Notary Public - California
San Joaquin County
Commission # 2287925
My Comm. Expires May 9, 2023

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Rajwinder Kaur
Signature of Notary Public

Place Notary Seal and/or Stamp Above

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: Grant deed
Document Date: 11/26/2019 Number of Pages: 2
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____	Signer's Name: _____
☐ Corporate Officer – Title(s): _____	☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General	☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☒ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other: _____	☐ Other: _____
Signer is Representing: _____	Signer is Representing: _____

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Environmental Lien Search Report
E L S

Security First Title Resource
Residential - Commercial - Environmental

Prepared For
Wallace – Kuhl & Associates
3050 Industrial Boulevard, West Sacramento, CA 95691

Project Name
Tracy Hills Logistics Park Property
Report 2 of 2

January 28, 2021

Security First Title Resource
Residential - Commercial - Environmental

14115 Lincoln Avenue N.E., #500 – Minneapolis, MN 55304
Tel.: (866) 288-0829 - Fax (866) 343-2388
Info@SecurityFirstTitleResource.com - www.securityfirsttitleresource.net

Celebrating 33 years in business.

The Environmental Lien Search Report (ELS) provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering control and institutional controls.
Our in house professional abstractors / title examiners, following established procedure, use client supplied property data, such as property address, map, parcel number etc. to search for:

- parcel information and / or legal description
- search for ownership information
- research official recorded land title documents
- provide a copy of the deed
- search for environmental encumbering instrument (s) associated with the deed
- provide a copy of any environmental encumbrance (s) based upon a review of key words in the Instrument (s) (title, parties involved, and description).

Below is the property data information and Environmental Lien Search report of the subject property for a period ending January 10, 2021.

A copy of the current vesting deed is attached hereto and made a part hereof.

CLIENT PROJECT NO.: 13041.02 REPORT DATE: January 28, 2021

SUBJECT PROPERTY: Tracy Hills Logistics Park Property

COUNTY / JURISDICTION: San Joaquin, California

PROPERTY IDENTIFIER: 253-020-180-000 & 253-020-190-000

CURRENT OWNER INFORMATION (Vesting)

Type of Deed: Grant Deed
Title Vested in: Sandhu Family Enterprises, LLC
Deed dated: 12-21-2019
Deed Recorded: 12-31-2019
Document # 2019-156098

LEGAL DESCRIPTION: See the current vesting deed attached hereto and made a part hereof.

Disclaimer

This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHAT SOEVER IN CONNECTION WITH THIS REPORT. Security First Title Resource, specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. Therefore, the company's liability to this report extends only to the fee charged thereof. Copyright 2012 -2017 by Security First Title Resource. All Rights Reserved. Reproduction in any media or format, in whole or in part, of any report, or its affiliates, is prohibited without prior written permission.

Environmental Lien Search

ENVIRONMENTAL LIEN

Environmental Lien: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

When Recorded Mail To:

Law Offices of Robert Mehlhaff
P.O. Box 1129
Tracy, CA 95378-1129

Mail Tax Statements To:

Karnail Sandhu, Manager
Sandhu Family Enterprises, LLC
3972 Durham Ferry Road
Tracy, CA 95304

APN: portions of 253-020-030-000

Doc #: 2019-156098
12/31/2019 12:52:59 PM
Page: 1 of 4 Fee: $98.00
Steve J. Bestolarides
San Joaquin County Recorders
Paid By: SHOWN ON DOCUMENT

Space Above This Line For Recorder's Use

The undersigned grantors declare:
Documentary Transfer Tax is $-0-
Computed on Full Value of Property Conveyed
Situated in the City of Tracy, County of San Joaquin,
State of California

GRANT DEED

Karnail Sandhu and **Ranbir Sandhu**, trustees of The Karnail Sandhu and Ranbir Sandhu 2012 Trust, and **Iqbal Sandhu** and **Inderjit Sandhu**, trustees of The Iqual Sandhu and Inderjit Sandhu 2012 Trust, and **Satnam Sandhu** and **Manjeet Sandhu**, trustees of The Satnam Sandhu and Manjeet Sandhu 2012 Trust (index as **Grantors)** hereby grant to **Sandhu Family Enterprises, LLC**, a California limited liability company (index as **Grantee)**, the following described real property in unincorporated area of the County of San Joaquin, State of California:

(See Attached Exhibit A)

Dated: December 21st, 2019

Karnail S. Sandhu AKA Karnail Sandhu

Ranbir K. Sandhu AKA Ranbir Sandhu

trustees of The Karnail Sandhu and
Ranbir Sandhu 2012 Trust

Iqbal S. Sandhu AKA Iqbal Sandhu

Inderjit Sandhu

trustees of The Iqual Sandhu and
Inderjit Sandhu 2012 Trust

Mail Tax Statements As Indicated Above

Satnam Singh Sandhu AKA Samam Sandhu

Manjeet K. Sandhu AKA Manjeet Sandhu

trustees of The Satnam Sandhu and
Manjeet Sandhu 2012 Trust



ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
) ss
County of San Joaquin)

On December 21st, 2019, before me, Rajwinder Kaur, a notary public, personally appeared Karnail S. Sandhu, Ranbir K. Sandhu, Iqbal S. Sandhu, Inderjit Sandhu, Satnam Singh Sandhu, Manjeet K. Sandhu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~/are subscribed to the within instrument and acknowledged to me that ~~he/she~~/they executed the same in ~~his/her~~/their authorized capacity(ies), and that by ~~his/her~~/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Rajwinder Kaur
Notary Public

(SEAL)

RAJWINDER KAUR
Notary Public - California
San Joaquin County
Commission # 2287925
My Comm. Expires May 9, 2023

Exhibit A

Designated Remainder:

THAT CERTAIN REAL PROPERTY SITUATED IN THE CITY OF TRACY, COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

A PORTION OF SECTION 7, TOWNSHIP 3 SOUTH, RANGE 6 EAST, MOUNT DIABLO MERIDIAN, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF DESIGNATED REMAINDER, AS SHOWN UPON THAT CERTAIN PARCEL MAP, FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS, AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

CONTAINING 150.53 ACRES, MORE OR LESS.

Parcel 3:

THAT CERTAIN REAL PROPERTY SITUATED IN THE CITY OF TRACY, COUNTY OF SAN JOAQUIN, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

A PORTION OF SECTION 7, TOWNSHIP 3 SOUTH, RANGE 6 EAST, MOUNT DIABLO MERIDIAN, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

ALL OF PARCEL 3, AS SHOWN UPON THAT CERTAIN PARCEL MAP, FILED FOR RECORD NOVEMBER21, 2019 IN BOOK 26 OF PARCEL MAPS, AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

CONTAINING 33.56 ACRES, MORE OR LESS.

APPENDIX D

EDR® Radius Map Report with Geocheck

Tracy Hills Logistics Park Property
South Corral Hollow Road
Tracy, CA 95377

Inquiry Number: 6347738.2s
January 28, 2021

The EDR Radius Map™ Report with GeoCheck®

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

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Detail Map	3
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Map Findings	A-11
Physical Setting Source Records Searched	PSGR-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 Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SOUTH CORRAL HOLLOW ROAD
TRACY, CA 95377

COORDINATES

Latitude (North):	37.6871740 - 37° 41' 13.82''
Longitude (West):	121.4580320 - 121° 27' 28.91''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	635961.3
UTM Y (Meters):	4172021.0
Elevation:	222 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640426 TRACY, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140628
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SOUTH CORRAL HOLLOW ROAD
TRACY, CA 95377

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	RCRA NonGen / NLR	Higher	1 ft.
A2	JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	FINDS	Higher	1 ft.
A3	TRACY HILLS SITE - P	29650 SOUTH CORRAL H	CERS	Higher	1 ft.
A4	JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	ENVIROSTOR, SCH, HWTS	Higher	1 ft.
A5	JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	ECHO	Higher	1 ft.
6	DESTINATION ANYWHERE	28818 S CORRAL HOLLO	RCRA NonGen / NLR	Lower	954, 0.181, NNE
B7	CORRAL HOLLOW TRUCK	30600 S CORRAL HOLLO	SWEEPS UST, CA FID UST	Higher	1291, 0.245, SSE
B8	CHEM-AWAY, INC	30600 S CORRAL HOLLO	UST	Higher	1291, 0.245, SSE
C9	TRACY AIRPORT LAND T	CORRAL HOLLOW RD	WMUDS/SWAT, WDS, CIWQS	Lower	1757, 0.333, NNE
C10	LLNL, SITE 300	CORRAL HOLLOW ROAD	LUST, CERS	Lower	1805, 0.342, NNE
11	CORRAL HOLLOW TRUCK	30600 CORRAL HOLLOW	LUST, Cortese, HIST CORTESE, CERS	Higher	1868, 0.354, SSE
12	ELLIS RANCH	SOUTH LAMMERS ROAD	CPS-SLIC, CERS	Lower	2611, 0.495, NNW
13	SOIL TREATMENT, SAN	1880 E. RIVERVIEW DR	WMUDS/SWAT	Lower	2616, 0.495, NNE
14	ELLIS SITE - PROPOSE	SOUTH LAMMERS ROAD	ENVIROSTOR, SCH	Lower	3111, 0.589, NNW
15	CORRAL HOLLOW II-2 L	CORRAL HOLLOW ROAD &	ENVIROSTOR	Higher	3542, 0.671, South
16	TRACY AUXILIARY FIEL		FUDS	Lower	3806, 0.721, East
17	ANTHONY TRAINA ELEME	4256 WINDSONG DRIVE	ENVIROSTOR, SCH, CIWQS	Lower	4408, 0.835, NE
18	TRACY AUXILIARY FIEL	TRACY BOULEVARD	ENVIROSTOR	Lower	4884, 0.925, East

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-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

State- and tribal - equivalent NPL

RESPONSE ..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Properties
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields 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

SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
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
CDL ..... Clandestine Drug Labs

Toxic Pits ---- Toxic Pits Cleanup Act Sites
CERS HAZ WASTE ---- CERS HAZ WASTE
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

HIST UST ---- Hazardous Substance Storage Container Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks

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

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
UXO - Unexploded Ordnance Sites
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered 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
HAZNET - Facility and Manifest Data
ICE - ICE
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WDS - Waste Discharge System
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
CIWQS - California Integrated Water Quality System
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)
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS Facility Id: 60002404 Status: No Further Action	***29650 SOUTH CORRAL H***	***0 - 1/8 (0.000 mi.)***	***A4***	***12***
CORRAL HOLLOW II-2 L Facility Id: 39490002 Status: Refer: RWQCB	CORRAL HOLLOW ROAD &	S 1/2 - 1 (0.671 mi.)	15	42

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELLIS SITE - PROPOSE Facility Id: 60002405 Status: Active	***SOUTH LAMMERS ROAD***	***NNW 1/2 - 1 (0.589 mi.)***	***14***	***36***
ANTHONY TRAINA ELEME Facility Id: 39010020 Status: No Further Action	***4256 WINDSONG DRIVE***	***NE 1/2 - 1 (0.835 mi.)***	***17***	***45***
TRACY AUXILIARY FIEL Facility Id: 71000056 Status: No Further Action	TRACY BOULEVARD	E 1/2 - 1 (0.925 mi.)	18	48

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORRAL HOLLOW TRUCK	***30600 CORRAL HOLLOW***	***SSE 1/4 - 1/2 (0.354 mi.)***	***11***	***31***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 09/08/2020				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0607700833				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LLNL, SITE 300	***CORRAL HOLLOW ROAD***	***NNE 1/4 - 1/2 (0.342 mi.)***	***C10***	***29***
Database: LUST, Date of Government Version: 09/08/2020				
Status: Completed - Case Closed				
Global Id: T0607799495				

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 is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELLIS RANCH	***SOUTH LAMMERS ROAD***	***NNW 1/4 - 1/2 (0.495 mi.)***	***12***	***34***
Database: CPS-SLIC, Date of Government Version: 09/08/2020				
Facility Status: Open - Site Assessment				
Global Id: T10000005832				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEM-AWAY, INC	30600 S CORRAL HOLLO	SSE 1/8 - 1/4 (0.245 mi.)	B8	23
Database: UST SAN JOAQUIN, Date of Government Version: 06/22/2018				

Facility Id: FA0003643
Tank Status: 02 - Inactive, non-billable

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 2 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRACY AIRPORT LAND T	***CORRAL HOLLOW RD***	***NNE 1/4 - 1/2 (0.333 mi.)***	***C9***	***26***
SOIL TREATMENT, SAN	1880 E. RIVERVIEW DR	NNE 1/4 - 1/2 (0.495 mi.)	13	35

Local Lists of Hazardous waste / Contaminated Sites

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the. environment they pose.

A review of the SCH list, as provided by EDR, and dated 10/26/2020 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS	***29650 SOUTH CORRAL H***	***0 - 1/8 (0.000 mi.)***	***A4***	***12***
Facility Id: 60002404				
Status: No Further Action				

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 is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORRAL HOLLOW TRUCK	***30600 S CORRAL HOLLO***	***SSE 1/8 - 1/4 (0.245 mi.)***	***B7***	***20***
Status: A				
Tank Status: A				

Comp Number: 1998

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORRAL HOLLOW TRUCK	***30600 S CORRAL HOLLO***	***SSE 1/8 - 1/4 (0.245 mi.)***	***B7***	***20***
Facility Id: 39004247				
Status: A				

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 12/14/2020 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	0 - 1/8 (0.000 mi.)	A1	9
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
DESTINATION ANYWHERE	28818 S CORRAL HOLLO	NNE 1/8 - 1/4 (0.181 mi.)	6	17
EPA ID:: CAL000373684				

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 09/29/2020 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRACY AUXILIARY FIEL		E 1/2 - 1 (0.721 mi.)	16	44

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal

Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 11/04/2020 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	0 - 1/8 (0.000 mi.)	A2	11

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 10/03/2020 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS	29650 SOUTH CORRAL H	0 - 1/8 (0.000 mi.)	A5	17

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 06/22/2020 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORRAL HOLLOW TRUCK	***30600 CORRAL HOLLOW***	***SSE 1/4 - 1/2 (0.354 mi.)***	***11***	***31***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORRAL HOLLOW TRUCK	***30600 CORRAL HOLLOW***	***SSE 1/4 - 1/2 (0.354 mi.)***	***11***	***31***
Reg Id: 391013				

CERS: 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

A review of the CERS list, as provided by EDR, and dated 10/19/2020 has revealed that there is 1 CERS

site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRACY HILLS SITE - P	29650 SOUTH CORRAL H	0 - 1/8 (0.000 mi.)	A3	12

HWTS: DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

A review of the HWTS list, as provided by EDR, and dated 10/13/2020 has revealed that there is 1 HWTS site within approximately 0.001 miles of the target property.

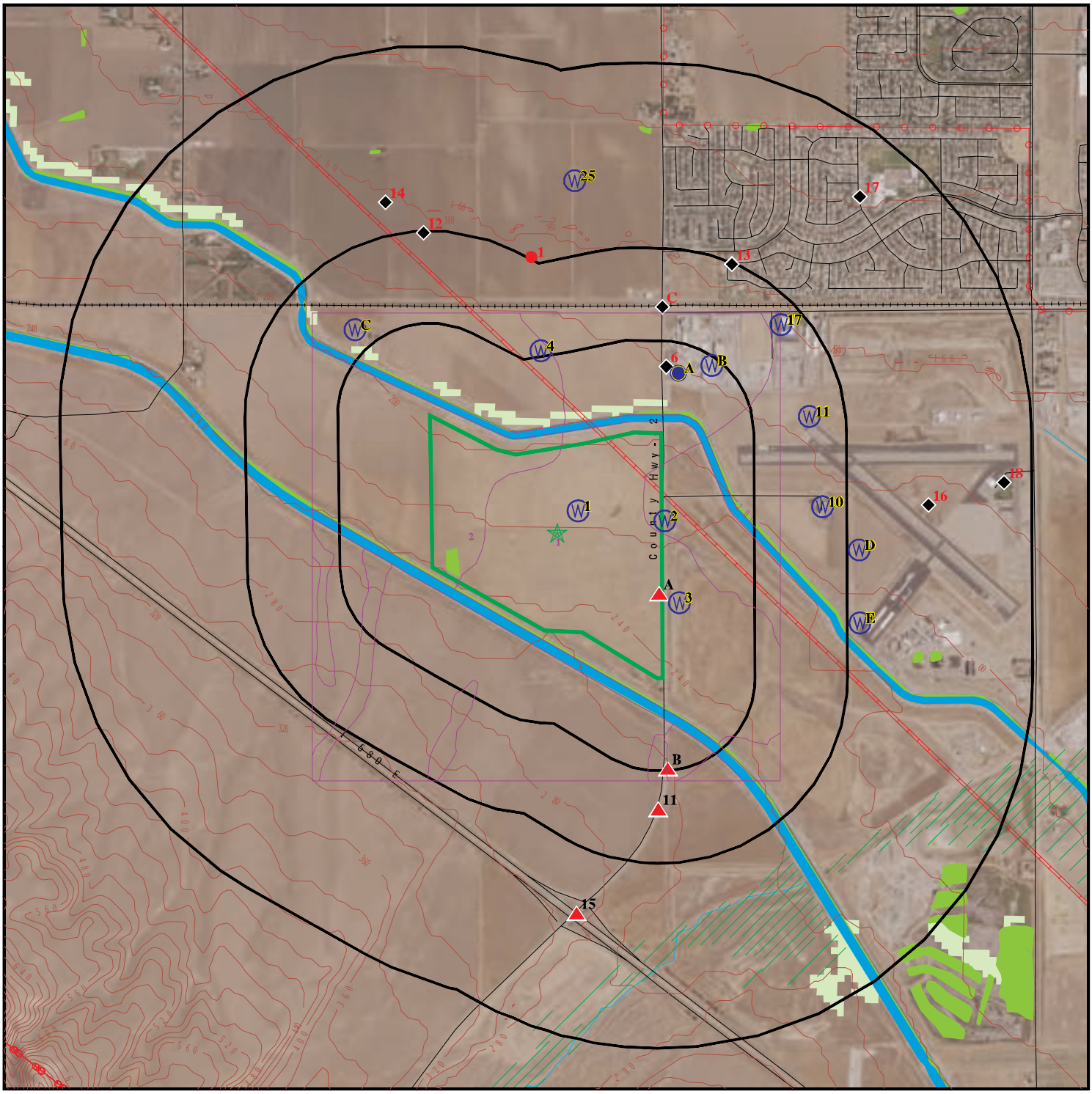
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEFFERSON SCHOOL DIS	***29650 SOUTH CORRAL H***	***0 - 1/8 (0.000 mi.)***	***A4***	***12***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
TRACY, CITY OF (EAST ELEVENTH ST.	CPS-SLIC
CHEVRON PIPE LINE COMPANY, CORRAL	CPS-SLIC
TRACY, CITY OF	CPS-SLIC

OVERVIEW MAP - 6347738.2S



- 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

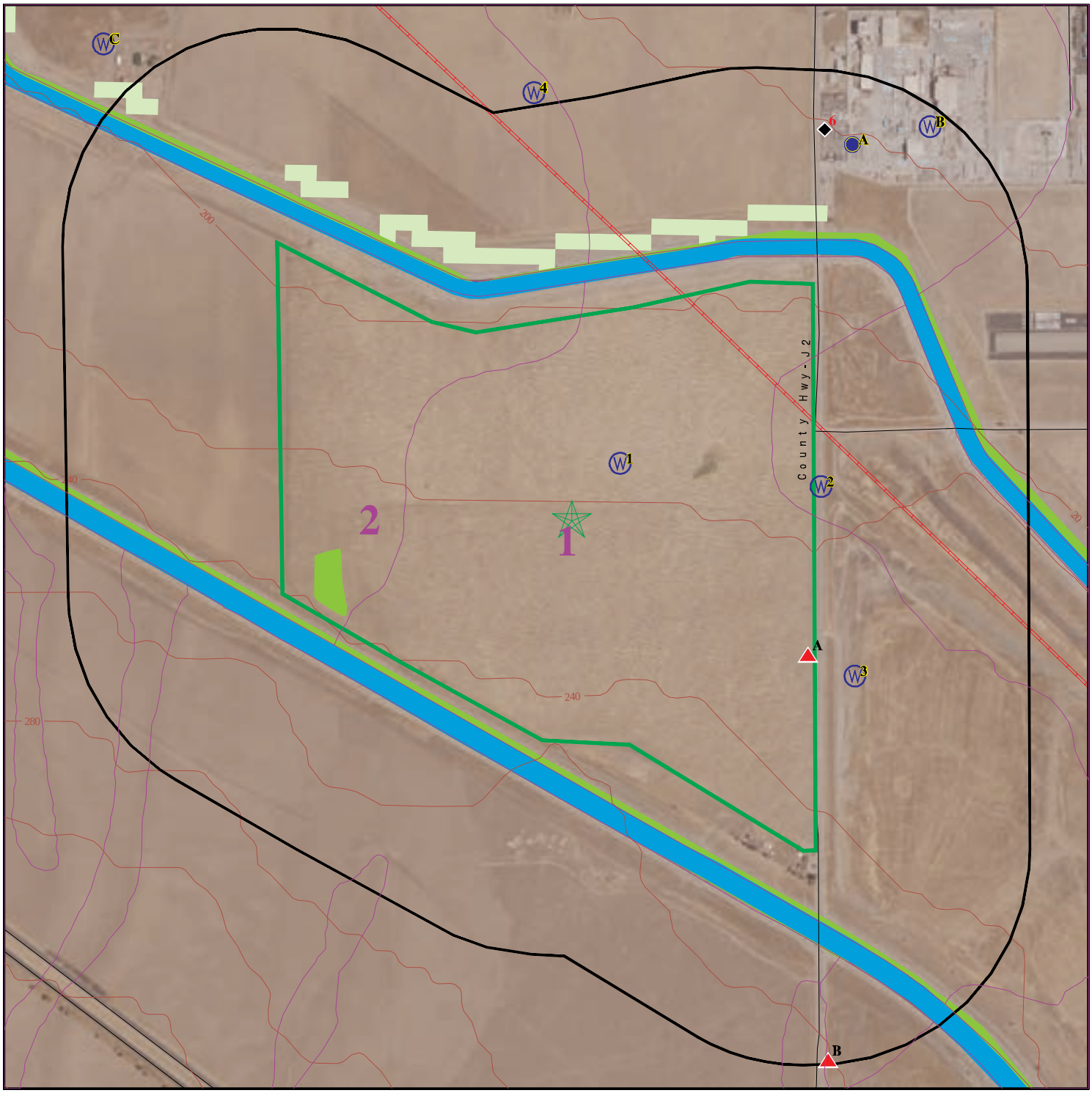
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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:	Tracy Hills Logistics Park Property	CLIENT:	Wallace - Kuhl & Associates
ADDRESS:	South Corral Hollow Road Tracy CA 95377	CONTACT:	Nancy Malaret
LAT/LONG:	37.687174 / 121.458032	INQUIRY #:	6347738.2s
		DATE:	January 28, 2021 4:23 pm

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DETAIL MAP - 6347738.2S



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 1/8 1/4 1/2 Miles

Indian Reservations BIA

Pipelines

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:	Tracy Hills Logistics Park Property	CLIENT:	Wallace - Kuhl & Associates
ADDRESS:	South Corral Hollow Road Tracy CA 95377	CONTACT:	Nancy Malaret
LAT/LONG:	37.687174 / 121.458032	INQUIRY #:	6347738.2s
		DATE:	January 28, 2021 4:26 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	0	0	4	NR	5
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	2	NR	NR	2
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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		1	0	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
FUDS	1.000		0	0	0	1	NR	1
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		1	NR	NR	NR	NR	1
ECHO	0.001		1	NR	NR	NR	NR	1
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
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	1	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		1	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	0.001		1	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	7	4	7	5	0	23

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **JEFFERSON SCHOOL DISTRICT** **RCRA NonGen / NLR** **1026465755**
29650 SOUTH CORRAL HOLLOW RD. **CAC003071009**
< 1/8 **TRACY, CA 95376**
1 ft.

Site 1 of 5 in cluster A

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2020-06-16 00:00:00.0
Handler Name:	JEFFERSON SCHOOL DISTRICT
Handler Address:	29650 SOUTH CORRAL HOLLOW RD.
Handler City,State,Zip:	TRACY, CA 95376
EPA ID:	CAC003071009
Contact Name:	JEFFERSON SCHOOL DISTRICT
Contact Address:	1219 WHISPERING WIND DRIVE
Contact City,State,Zip:	TRACY, CA 95377
Contact Telephone:	209-836-3388
Contact Fax:	Not reported
Contact Email:	JBRIDGES@JSDTRACY.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:	1219 WHISPERING WIND DRIVE
Mailing City,State,Zip:	TRACY, CA 95377
Owner Name:	JEFFERSON SCHOOL DISTRICT
Owner Type:	Other
Operator Name:	JEFFERSON SCHOOL DISTRICT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

Actual:
229 ft.

JEFFERSON SCHOOL DISTRICT (Continued) **1026465755**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-10 18:44:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JEFFERSON SCHOOL DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1219 WHISPERING WIND DRIVE
Owner/Operator City,State,Zip:	TRACY, CA 95377
Owner/Operator Telephone:	209-836-3388
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFFERSON SCHOOL DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1219 WHISPERING WIND DRIVE
Owner/Operator City,State,Zip:	TRACY, CA 95377
Owner/Operator Telephone:	209-836-3388
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

JEFFERSON SCHOOL DISTRICT (Continued) **1026465755**

Historic Generators:
Receive Date: 2020-06-16 00:00:00.0
Handler Name: JEFFERSON SCHOOL DISTRICT
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: 112111
NAICS Description: BEEF CATTLE RANCHING AND FARMING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A2 **JEFFERSON SCHOOL DISTRICT** **FINDS** **1026550574**
29650 SOUTH CORRAL HOLLOW RD. **N/A**
< 1/8 **TRACY, CA 95376**
1 ft.

Site 2 of 5 in cluster A

Relative: Higher
Actual: 229 ft.

FINDS:
Registry ID: 110070850948

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A3 **TRACY HILLS SITE - P** **CERS** **S121770208**
29650 SOUTH CORRAL HOLLOW ROAD **N/A**
< 1/8 **TRACY, CA 95377**
1 ft.

Site 3 of 5 in cluster A

Relative: CERS:
Higher

Name:	TRACY HILLS SITE - P
Address:	29650 SOUTH CORRAL HOLLOW ROAD
City,State,Zip:	TRACY, CA 95377
Site ID:	378134
CERS ID:	60002404
CERS Description:	School Investigation

Actual: Affiliation:
229 ft.

Affiliation Type Desc:	Supervisor
Entity Name:	JOSE SALCEDO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Lead Project Manager
Entity Name:	MELLAN SONGCO
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A4 **JEFFERSON SCHOOL DISTRICT** **ENVIROSTOR** **S119002119**
29650 SOUTH CORRAL HOLLOW RD. **SCH** **N/A**
< 1/8 **TRACY, CA 95376** **HWTS**
1 ft.

Site 4 of 5 in cluster A

Relative: ENVIROSTOR:
Higher

Name:	TRACY HILLS SITE - PROPOSED ELEMENTARY SCHOOL
Address:	29650 SOUTH CORRAL HOLLOW ROAD
City,State,Zip:	TRACY, CA 95377
Facility ID:	60002404
Status:	No Further Action
Status Date:	01/23/2019
Site Code:	104757
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	17
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	, 13

Actual:
229 ft.

JEFFERSON SCHOOL DISTRICT (Continued) **S119002119**

Senate:	, 05
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.67892
Longitude:	-121.4549
APN:	253-030-014
Past Use:	LANDFILL - DOMESTIC, TRANSPORTATION - PIPELINE
Potential COC:	Benzene Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL Trichloroethylene (TCE Vinyl chloride
Confirmed COC:	30003-NO 30019-NO 30024-NO 30025-NO 3002502-NO 30027-NO 30028-NO No Contaminants found
Potential Description:	SV, NMA, OTH
Alias Name:	253-030-014
Alias Type:	APN
Alias Name:	104757
Alias Type:	Project Code (Site Code)
Alias Name:	60002404
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	08/19/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	08/19/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	04/27/2017
Comments:	ON April 27, 2017, DTSC approved the revised PEA WP for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/24/2018
Comments:	On April 24, 2018, DTSC conducted a site visit to observe the implementation of the approved PEA WP. Observed drilling for groundwater well - consultant indicated that they were having problems drilling the well (groundwater was deeper than anticipated).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/15/2018
Comments:	On May 15, 2018, DTSC observed the soil-gas sampling at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

JEFFERSON SCHOOL DISTRICT (Continued) **S119002119**

Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/23/2019
Comments:	On January 23, 2019, DTSC approved the revised PEA Report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/29/2016
Comments:	EOA fully executed 08/29/16, sent to District 08/31/16.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/14/2016
Comments:	On September 14, 2016, DTSC conducted a site visit and a scoping meeting with the District and their consultants.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/23/2018
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	TRACY HILLS SITE - PROPOSED ELEMENTARY SCHOOL
Address:	29650 SOUTH CORRAL HOLLOW ROAD
City,State,Zip:	TRACY, CA 95377
Facility ID:	60002404
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	17
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Mellan Songco
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104757
Assembly:	, 13
Senate:	, 05
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/23/2019

JEFFERSON SCHOOL DISTRICT (Continued) **S119002119**

Restricted Use:	NO
Funding:	School District
Latitude:	37.67892
Longitude:	-121.4549
APN:	253-030-014
Past Use:	LANDFILL - DOMESTIC, TRANSPORTATION - PIPELINE
Potential COC:	Benzene, Polynuclear aromatic hydrocarbons (PAHs, TPH-diesel, TPH-gas, TPH-MOTOR OIL, Trichloroethylene (TCE, Vinyl chloride
Confirmed COC:	30003-NO, 30019-NO, 30024-NO, 30025-NO, 3002502-NO, 30027-NO, 30028-NO, No Contaminants found
Potential Description:	SV, NMA, OTH
Alias Name:	253-030-014
Alias Type:	APN
Alias Name:	104757
Alias Type:	Project Code (Site Code)
Alias Name:	60002404
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	08/19/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	08/19/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	04/27/2017
Comments:	ON April 27, 2017, DTSC approved the revised PEA WP for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/24/2018
Comments:	On April 24, 2018, DTSC conducted a site visit to observe the implementation of the approved PEA WP. Observed drilling for groundwater well - consultant indicated that they were having problems drilling the well (groundwater was deeper than anticipated).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/15/2018
Comments:	On May 15, 2018, DTSC observed the soil-gas sampling at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/23/2019
Comments:	On January 23, 2019, DTSC approved the revised PEA Report with a no

JEFFERSON SCHOOL DISTRICT (Continued) **S119002119**

further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/29/2016
Comments: EOA fully executed 08/29/16, sent to District 08/31/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/14/2016
Comments: On September 14, 2016, DTSC conducted a site visit and a scoping meeting with the District and their consultants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/23/2018
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HWTS:
Name: JEFFERSON SCHOOL DISTRICT
Address: 29650 SOUTH CORRAL HOLLOW RD.
Address 2: Not reported
City,State,Zip: TRACY, CA 95376
EPA ID: CAC003071009
Inactive Date: Not reported
Create Date: 06/16/2020
Last Act Date: 06/16/2020
Mailing Name: Not reported
Mailing Address: 1219 WHISPERING WIND DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: TRACY, CA 95377
Owner Name: JEFFERSON SCHOOL DISTRICT
Owner Address: 1219 WHISPERING WIND DRIVE
Owner Address 2: Not reported
Owner City,State,Zip: TRACY, CA 95377
Contact Name: JEFFERSON SCHOOL DISTRICT
Contact Address: 1219 WHISPERING WIND DRIVE
Contact Address 2: Not reported
City,State,Zip: TRACY, CA 95377

NAICS:
EPA ID: CAC003071009
Create Date: 2020-06-16 11:10:10.777
NAICS Code: 112111

JEFFERSON SCHOOL DISTRICT (Continued) **S119002119**

NAICS Description:	Beef Cattle Ranching and Farming
Issued EPA ID Date:	2020-06-16 11:10:10.79000
Inactive Date:	Not reported
Facility Name:	JEFFERSON SCHOOL DISTRICT
Facility Address:	29650 SOUTH CORRAL HOLLOW RD.
Facility Address 2:	Not reported
Facility City:	TRACY
Facility County:	Not reported
Facility State:	CA
Facility Zip:	95376

A5 **JEFFERSON SCHOOL DISTRICT** **ECHO** **1026520172**
29650 SOUTH CORRAL HOLLOW RD. **N/A**
< 1/8 **TRACY, CA 95376**
1 ft.

Site 5 of 5 in cluster A

Relative: ECHO:
Higher

Envid:	1026520172
Registry ID:	Not reported
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=CAC003071009
Name:	JEFFERSON SCHOOL DISTRICT
Address:	29650 SOUTH CORRAL HOLLOW RD.
City,State,Zip:	TRACY, CA 95376

Actual:
229 ft.

---

6 **DESTINATION ANYWHERE INC** **RCRA NonGen / NLR** **1024833924**
NNE **28818 S CORRAL HOLLOW RD** **CAL000373684**
1/8-1/4 **TRACY, CA 95377**
0.181 mi.
954 ft.

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		2012-04-16 00:00:00.0
Handler Name:	DESTINATION ANYWHERE INC	
Handler Address:		28818 S CORRAL HOLLOW RD
Handler City,State,Zip:		TRACY, CA 95377
EPA ID:		CAL000373684
Contact Name:		SONY MANN
Contact Address:		28818 S CORRAL HOLLOW RD
Contact City,State,Zip:		TRACY, CA 95377
Contact Telephone:		209-836-9400
Contact Fax:		209-835-1144
Contact Email:		SONYMANN@SBCGLOBAL.NET
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 21
Mailing City,State,Zip:		TRACY, CA 95378-0000

Actual:
181 ft.

DESTINATION ANYWHERE INC (Continued) **1024833924**

Owner Name:	JASHARINDER PAL SING
Owner Type:	Other
Operator Name:	SONY MANN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:00:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

DESTINATION ANYWHERE INC (Continued) **1024833924**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: JASHARINDER PAL SING
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 544
Owner/Operator City,State,Zip: TRACY, CA 95378-0000
Owner/Operator Telephone: 209-300-1745
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SONY MANN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 28818 S CORRAL HOLLOW RD
Owner/Operator City,State,Zip: TRACY, CA 95377
Owner/Operator Telephone: 209-836-9400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2012-04-16 00:00:00.0
Handler Name: DESTINATION ANYWHERE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B7 **CORRAL HOLLOW TRUCK TERMINAL** **SWEEPS UST** **S101593514**
SSE **30600 S CORRAL HOLLOW RD** **CA FID UST** **N/A**
1/8-1/4 **TRACY, CA 95376**
0.245 mi.
1291 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
260 ft.

SWEEPS UST:

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92
Created Date:	07-11-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001998-000001
Tank Status:	A
Capacity:	12000
Active Date:	08-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	8

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92
Created Date:	07-11-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001998-000002
Tank Status:	A
Capacity:	12000
Active Date:	08-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92
Created Date:	07-11-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001998-000003

CORRAL HOLLOW TRUCK TERMINAL (Continued) **S101593514**

Tank Status:	A
Capacity:	12000
Active Date:	08-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92
Created Date:	07-11-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001998-000004
Tank Status:	A
Capacity:	12000
Active Date:	08-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92
Created Date:	07-11-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	39-000-001998-000005
Tank Status:	A
Capacity:	12000
Active Date:	08-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Name:	CORRAL HOLLOW TRUCK TERMINAL
Address:	30600 S CORRAL HOLLOW RD
City:	TRACY
Status:	Active
Comp Number:	1998
Number:	9
Board Of Equalization:	44-024960
Referral Date:	11-06-92
Action Date:	11-06-92

CORRAL HOLLOW TRUCK TERMINAL (Continued) **S101593514**

Created Date: 07-11-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001998-000006
Tank Status: A
Capacity: 12000
Active Date: 08-08-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: CORRAL HOLLOW TRUCK TERMINAL
Address: 30600 S CORRAL HOLLOW RD
City: TRACY
Status: Active
Comp Number: 1998
Number: 9
Board Of Equalization: 44-024960
Referral Date: 11-06-92
Action Date: 11-06-92
Created Date: 07-11-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001998-000007
Tank Status: A
Capacity: 12000
Active Date: 08-08-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: CORRAL HOLLOW TRUCK TERMINAL
Address: 30600 S CORRAL HOLLOW RD
City: TRACY
Status: Active
Comp Number: 1998
Number: 9
Board Of Equalization: 44-024960
Referral Date: 11-06-92
Action Date: 11-06-92
Created Date: 07-11-88
Owner Tank Id: Not reported
SWRCB Tank Id: 39-000-001998-000008
Tank Status: A
Capacity: 12000
Active Date: 08-08-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 39004247
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported

CORRAL HOLLOW TRUCK TERMINAL (Continued) **S101593514**

Facility Phone:	2098363805
Mail To:	Not reported
Mailing Address:	30600 S CORRAL HOLLOW RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	TRACY 95376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B8 **CHEM-AWAY, INC** **UST** **U004023540**
SSE **30600 S CORRAL HOLLOW RD** **N/A**
1/8-1/4 **TRACY, CA 95376**
0.245 mi.
1291 ft. **Site 2 of 2 in cluster B**

Relative: **Higher**

Actual: **260 ft.**

UST SAN JOAQUIN:

Name:	CHEM-AWAY, INC
Address:	30600 S CORRAL HOLLOW RD
City,State,Zip:	TRACY, CA 95376
Region:	SJ
Facility Id:	FA0003643
Mail Address:	1502 WESTBROOK CT
Mail Address 2:	Not reported
Mail Care of:	CHEM-AWAY, INC
Mail City,St,Zip:	MODESTO, CA 95358-1086

Tank Rec ID:	Not reported
Tank Number:	1
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	12000
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

Tank Rec ID:	Not reported
Tank Number:	2
Tank Status:	02 - Inactive, non-billable
Tank Capacity:	12000
Product Type Desc:	1a - REGULAR UNLEADED
Program Element:	2380
Decode for Program Element:	2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form:	(none)
CAS#:	Not reported

CHEM-AWAY, INC (Continued) **U004023540**

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

Tank Rec ID: Not reported
Tank Number: 3
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 1b - PREMIUM 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

Tank Rec ID: Not reported
Tank Number: 4
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 03 - DIESEL
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

Tank Rec ID: Not reported
Tank Number: 5
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 03 - DIESEL
Program Element: 2380
Decode for Program Element: 2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form: (none)
CAS#: Not reported

CHEM-AWAY, INC (Continued) **U004023540**

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

Tank Rec ID: Not reported
Tank Number: 6
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 03 - DIESEL
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

Tank Rec ID: Not reported
Tank Number: 7
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 03 - DIESEL
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
Tank Number: 8
Tank Status: 02 - Inactive, non-billable
Tank Capacity: 12000
Product Type Desc: 03 - DIESEL
Program Element: 2380
Decode for Program Element: 2380 - ADDITIONAL EXISTING UST - obsolete
Chemical Form: (none)
CAS#: Not reported

CHEM-AWAY, INC (Continued) **U004023540**

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

C9 **TRACY AIRPORT LAND TRMT FACIL** **WMUDS/SWAT** **S101049726**
NNE **CORRAL HOLLOW RD** **WDS** **N/A**
1/4-1/2 **TRACY CA, CA 95376** **CIWQS**
0.333 mi.
1757 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
173 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Primary Waste:	CNSOIL
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	City
Agency Name:	TRACY, CITY OF
Agency Department:	Not reported
Agency Address:	520 W. TRACY BLVD
Agency City,St,Zip:	TRACY CA 95376
Agency Contact:	FRANK MOTZKUS
Agency Telephone:	2098314487
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	5S
Facility Type:	Solid Waste Site-Class II - A solid waste facility at which designated wastes may be treated or stored.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	4953
Secondary SIC:	Not reported

TRACY AIRPORT LAND TRMT FACIL (Continued) **S101049726**

Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Sub Chapter 15:	True
Regional Board Project Officer:	RAE
Number of WMUDS at Facility:	1
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	A
Self-Monitoring Rept. Frequency:	No Reporting Requirements
Waste Discharge System ID:	5B390313001
Solid Waste Information ID:	Not reported

WDS:

Name:	TRACY AIRPORT LAND TRMT FACIL
Address:	CORRAL HOLLOW RD
City:	TRACY
Facility ID:	Sacramento-San Joaquin Delta 390313001
Facility Type:	Solid Waste Site-Class II - A solid waste facility at which designated wastes may be treated or stored.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	Not reported
Facility Contact:	PAUL VERMA
Agency Name:	TRACY CITY OF
Agency Address:	520 W TRACY BLVD
Agency City,St,Zip:	TRACY 95376
Agency Contact:	FRANK MOTZKUS
Agency Telephone:	2098314488
Agency Type:	City
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	CNSOIL
Waste Type2:	Not reported
Waste2:	Contaminated Soil
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported

TRACY AIRPORT LAND TRMT FACIL (Continued) **S101049726**

Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.
Name:	UC REGENTS LAWRENCE LIVERMORE
Address:	CORRAL HOLLOW RD
City:	TRACY
Facility ID:	5S 39I015973
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	0
Facility Telephone:	9254235245
Facility Contact:	SEDLACEK LARRY
Agency Name:	UC REGENTS
Agency Address:	PO Box 808
Agency City,St,Zip:	Livermore 945510808
Agency Contact:	FISHER DENNIS K
Agency Telephone:	9254223343
Agency Type:	?
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order

TRACY AIRPORT LAND TRMT FACIL (Continued) **S101049726**

should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	UC REGENTS LAWRENCE LIVERMORE
Address:	CORRAL HOLLOW RD
City,State,Zip:	TRACY, CA 95376
Agency:	UC Regents
Agency Address:	PO Box 808, Livermore, CA 94551
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953
Region:	5S
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	5S39I015973
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/26/2000
Termination Date:	09/26/2007
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:	Not reported
Longitude:	Not reported

C10 **LLNL, SITE 300** **LUST** **S110655188**
NNE **CORRAL HOLLOW ROAD** **CERS** **N/A**
1/4-1/2 **TRACY, CA**
0.342 mi.
1805 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
173 ft.

LUST:

Name:	LLNL, SITE 300
Address:	CORRAL HOLLOW ROAD
City,State,Zip:	TRACY, CA
Lead Agency:	SAN JOAQUIN COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607799495
Global Id:	T0607799495
Latitude:	Not reported
Longitude:	Not reported
Status:	Completed - Case Closed

LLNL, SITE 300 (Continued) **S110655188**

Status Date: 05/08/1993
Case Worker: Not reported
RB Case Number: 391133
Local Agency: Not reported
File Location: Not reported
Local Case Number: 19458
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0607799495
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: T0607799495
Action Type: Other
Date: 05/20/1992
Action: Leak Reported

Global Id: T0607799495
Action Type: Other
Date: 05/13/1992
Action: Leak Discovery

LUST:
Global Id: T0607799495
Status: Open - Case Begin Date
Status Date: 05/13/1992

Global Id: T0607799495
Status: Completed - Case Closed
Status Date: 05/08/1993

CERS:
Name: LLNL, SITE 300
Address: CORRAL HOLLOW ROAD
City,State,Zip: TRACY, CA
Site ID: 193332
CERS ID: T0607799495
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

LLNL, SITE 300 (Continued) **S110655188**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

11
SSE
1/4-1/2
0.354 mi.
1868 ft.

CORRAL HOLLOW TRUCK STOP
30600 CORRAL HOLLOW RD
TRACY, CA 95376

LUST **S104403604**
Cortese **N/A**
HIST CORTESE
CERS

Relative:
Higher

Actual:
265 ft.

LUST REG 5:
Name: CORRAL HOLLOW TRUCK STOP
Address: 30600 CORRAL HOLLOW RD
City: TRACY
Region: 5
Status: Case Closed
Case Number: 391013
Case Type: Undefined
Substance: GASOLINE
Staff Initials: JLB
Lead Agency: Local
Program: LUST
MTBE Code: N/A

LUST:
Name: CORRAL HOLLOW TRUCK STOP
Address: 30600 CORRAL HOLLOW RD
City,State,Zip: TRACY, CA 95376
Lead Agency: SAN JOAQUIN COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607700833
Global Id: T0607700833
Latitude: 37.6738195
Longitude: -121.4551376
Status: Completed - Case Closed
Status Date: 02/26/2002
Case Worker: Not reported
RB Case Number: 391013
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 1998
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607700833
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: T0607700833

CORRAL HOLLOW TRUCK STOP (Continued) **S104403604**

Action Type:	ENFORCEMENT
Date:	07/02/1998
Action:	Staff Letter - #7/2/1998
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	02/25/1999
Action:	Other Report - #2/25/1999
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	04/13/1998
Action:	Other Report - #4/13/1998
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	02/04/2002
Action:	Other Report - #2/4/2002
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	06/12/1998
Action:	Other Report - #6/12/1998
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	06/12/1998
Action:	Unauthorized Release Form - #6/12/1998
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	02/04/2002
Action:	Closure/No Further Action Letter - #2/4/2002
Global Id:	T0607700833
Action Type:	Other
Date:	06/12/1998
Action:	Leak Reported
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	02/26/2002
Action:	Closure/No Further Action Letter
Global Id:	T0607700833
Action Type:	Other
Date:	06/12/1998
Action:	Leak Discovery
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	09/10/1998
Action:	Notice of Responsibility
Global Id:	T0607700833
Action Type:	ENFORCEMENT
Date:	01/06/1999

CORRAL HOLLOW TRUCK STOP (Continued) **S104403604**

Action: Other Report - #1/6/1999

Global Id: T0607700833
Action Type: ENFORCEMENT
Date: 08/30/2000
Action: Other Report - #8/30/2000

Global Id: T0607700833
Action Type: ENFORCEMENT
Date: 01/07/2001
Action: Other Report - #1/7/2001

LUST:
Global Id: T0607700833
Status: Open - Case Begin Date
Status Date: 06/12/1998

Global Id: T0607700833
Status: Open - Site Assessment
Status Date: 06/12/1998

Global Id: T0607700833
Status: Open - Remediation
Status Date: 11/19/1998

Global Id: T0607700833
Status: Completed - Case Closed
Status Date: 02/26/2002

CORTESE:
Name: CORRAL HOLLOW TRUCK STOP
Address: 30600 CORRAL HOLLOW RD
City,State,Zip: TRACY, CA 95376
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607700833
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

CORRAL HOLLOW TRUCK STOP (Continued) **S104403604**

HIST CORTESE:

edr_fname:	CORRAL HOLLOW TRUCK STOP
edr_fadd1:	30600 CORRAL HOLLOW
City,State,Zip:	TRACY, CA 95376
Region:	CORTESE
Facility County Code:	39
Reg By:	LTNKA
Reg Id:	391013

CERS:

Name:	CORRAL HOLLOW TRUCK STOP
Address:	30600 CORRAL HOLLOW RD
City,State,Zip:	TRACY, CA 95376
Site ID:	245558
CERS ID:	T0607700833
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Alan Buehler - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

12
NNW
1/4-1/2
0.495 mi.
2611 ft.

ELLIS RANCH **CPS-SLIC** **S116381378**
SOUTH LAMMERS ROAD **CERS** **N/A**
TRACY, CA 95608

Relative: Lower

Actual: 163 ft.

CPS-SLIC:

Name:	ELLIS RANCH
Address:	SOUTH LAMMERS ROAD
City,State,Zip:	TRACY, CA 95608
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	04/09/2014
Global Id:	T10000005832
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)
Lead Agency Case Number:	Not reported
Latitude:	37.6990028685287
Longitude:	-121.464621034301
Case Type:	Cleanup Program Site
Case Worker:	KAS
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Naphthalene, Polynuclear aromatic hydrocarbons (PAHs), Total Petroleum Hydrocarbons (TPH)
Site History:	Shell formerly operated one 8 inch diameter and one 10-inch diameter crude oil pipelines; the pipelines transported crude oil, not refined

ELLIS RANCH (Continued) **S116381378**

product, in the area of a proposed school facility and residential development. Jefferson Elementary School District is in the process of finalizing the plans for the school and construction is planned prior to 2020. California Department of Toxic Substances Control (DTSC) is overseeing the school site construction.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	ELLIS RANCH
Address:	SOUTH LAMMERS ROAD
City,State,Zip:	TRACY, CA 95608
Site ID:	244947
CERS ID:	T10000005832
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	KRISTIN SHELTON - CENTRAL VALLEY RWQCB (REGION 5S)
Entity Title:	Not reported
Affiliation Address:	11020 SUN CENTER DRIVE #200
Affiliation City:	RANCHO CORDOVA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

13
NNE
1/4-1/2
0.495 mi.
2616 ft.

SOIL TREATMENT, SAN BERNARDINO **WMUDS/SWAT** **S104156582**
1880 E. RIVERVIEW DR. **N/A**
SAN BERNARDINO CA, CA

Relative:
Lower

Actual:
155 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Primary Waste:	CNSOIL
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Private
Agency Name:	THERMAL REMEDIATION CORP.

SOIL TREATMENT, SAN BERNARDINO (Continued) **S104156582**

Agency Department:	Not reported
Agency Address:	1511 E. ORANGETHORPE AVE, #107
Agency City,St,Zip:	FULLERTON CA 92631
Agency Contact:	ROBERT RUPPERT
Agency Telephone:	Not reported
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	8
Facility Type:	Solid Waste Site-Class II - A solid waste facility at which designated wastes may be treated or stored.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	4959
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	Not reported
Threat to Water Quality:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.
Sub Chapter 15:	True
Regional Board Project Officer:	Not reported
Number of WMUDS at Facility:	0
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	H
Self-Monitoring Rept. Frequency:	Monthly Submittal
Waste Discharge System ID:	8 362390001
Solid Waste Information ID:	Not reported

14
NNW
1/2-1
0.589 mi.
3111 ft.

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL
SOUTH LAMMERS ROAD
TRACY, CA 95377

ENVIROSTOR SCH **S119002120 N/A**

Relative:
Lower

Actual:
163 ft.

ENVIROSTOR:

Name:	ELLIS SITE - PROPOSED ELEMENTARY SCHOOL
Address:	SOUTH LAMMERS ROAD
City,State,Zip:	TRACY, CA 95377
Facility ID:	60002405
Status:	Active
Status Date:	08/12/2016
Site Code:	104758
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	16

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Elizabeth Tisdale
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Assembly: , 13
Senate: , 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.70020
Longitude: -121.4665
APN: 240-140-016, 240-140-022
Past Use: AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Under Investigation Arsenic Benzene Chlordane DDD DDE DDT Endrin Polynuclear aromatic hydrocarbons (PAHs Toxaphene TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: Under Investigation
Potential Description: SOIL, UE
Alias Name: 240-140-016
Alias Type: APN
Alias Name: 240-140-022
Alias Type: APN
Alias Name: T10000005832
Alias Type: GeoTracker Global ID
Alias Name: 104758
Alias Type: Project Code (Site Code)
Alias Name: 60002405
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 08/12/2016
Comments: District submitted an application to enter into an EOA via email on 08/12/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/18/2017
Comments: On January 18, 2017, DTSC approved the PEA WP for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/16/2017
Comments: On May 16, 2017, DTSC observed the implementation of the approved PEA workplan.

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/27/2018
Comments: On November 27, 2018, DTSC received a copy of CVRWQCB's Letter to Shell dated November 19, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/22/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/29/2016
Comments: EOA fully executed on 08/29/16, sent to District on 08/31/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/14/2016
Comments: On September 14, 2016, DTSC conducted a site visit and a scoping meeting with the District and their consultants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2018
Comments: On February 8, 2018, DTSC received a pdf copy of the GHD s correspondence letter to RWQCB and their Subsurface Investigation Work Plan for Proposed Ellis School Site for the District's consultant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/05/2018
Comments: On March 5, 2018, DTSC received a copy of the Water Board letter via email. The letter was in response to GHD's letter/workplan submitted for the Water Board's review and approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

Completed Document Type: Correspondence
Completed Date: 12/11/2017
Comments: On December 11, 2017, DTSC received a copy of the Water Boards letter to Shell Company regarding the contaminated soil due to the former pipeline at the Ellis Site-Proposed ES .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/27/2018
Comments: PM changed from Mellan Songco to Elizabeth Tisdale.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2019
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Preliminary Endangerment Assessment Report
Schedule Due Date: 10/13/2020
Schedule Revised Date: 04/14/2021

SCH:

Name: ELLIS SITE - PROPOSED ELEMENTARY SCHOOL
Address: SOUTH LAMMERS ROAD
City,State,Zip: TRACY, CA 95377
Facility ID: 60002405
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 16
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Elizabeth Tisdale
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

Site Code:	104758
Assembly:	, 13
Senate:	, 05
Special Program Status:	Not reported
Status:	Active
Status Date:	08/12/2016
Restricted Use:	NO
Funding:	School District
Latitude:	37.70020
Longitude:	-121.4665
APN:	240-140-016, 240-140-022
Past Use:	AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	Under Investigation, Arsenic, Benzene, Chlordane, DDD, DDE, DDT, Endrin, Polynuclear aromatic hydrocarbons (PAHs, Toxaphene, TPH-diesel, TPH-gas, TPH-MOTOR OIL
Confirmed COC:	Under Investigation
Potential Description:	SOIL, UE
Alias Name:	240-140-016
Alias Type:	APN
Alias Name:	240-140-022
Alias Type:	APN
Alias Name:	T10000005832
Alias Type:	GeoTracker Global ID
Alias Name:	104758
Alias Type:	Project Code (Site Code)
Alias Name:	60002405
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement Application
Completed Date:	08/12/2016
Comments:	District submitted an application to enter into an EOA via email on 08/12/16.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	08/12/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	01/18/2017
Comments:	On January 18, 2017, DTSC approved the PEA WP for implementation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/16/2017
Comments:	On May 16, 2017, DTSC observed the implementation of the approved PEA workplan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

Completed Date: 02/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/27/2018
Comments: On November 27, 2018, DTSC received a copy of CVRWQCB's Letter to Shell dated November 19, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/22/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/11/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/29/2016
Comments: EOA fully executed on 08/29/16, sent to District on 08/31/16.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/14/2016
Comments: On September 14, 2016, DTSC conducted a site visit and a scoping meeting with the District and their consultants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/08/2018
Comments: On February 8, 2018, DTSC received a pdf copy of the GHD s correspondence letter to RWQCB and their Subsurface Investigation Work Plan for Proposed Ellis School Site for the District's consultant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/05/2018
Comments: On March 5, 2018, DTSC received a copy of the Water Board letter via email. The letter was in response to GHD's letter/workplan submitted for the Water Board's review and approval.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/11/2017
Comments: On December 11, 2017, DTSC received a copy of the Water Boards letter

ELLIS SITE - PROPOSED ELEMENTARY SCHOOL (Continued) **S119002120**

to Shell Company regarding the contaminated soil due to the former pipeline at the Ellis Site-Proposed ES .

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/27/2018
Comments:	PM changed from Mellan Songco to Elizabeth Tisdale.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/25/2018
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/05/2019
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	02/01/2019
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Preliminary Endangerment Assessment Report
Schedule Due Date:	10/13/2020
Schedule Revised Date:	04/14/2021

15
South
1/2-1
0.671 mi.
3542 ft.

CORRAL HOLLOW II-2 LANDFILL **ENVIROSTOR** **S100186169**
CORRAL HOLLOW ROAD & I-580 **N/A**
TRACY, CA 95376

Relative:
Higher

Actual:
289 ft.

ENVIROSTOR:

Name:	CORRAL HOLLOW II-2 LANDFILL
Address:	CORRAL HOLLOW ROAD & I-580
City,State,Zip:	TRACY, CA 95376
Facility ID:	39490002
Status:	Refer: RWQCB
Status Date:	02/24/1994
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

CORRAL HOLLOW II-2 LANDFILL (Continued) **S100186169**

Supervisor: Referred - Not Assigned
Division Branch: Cleanup Sacramento
Assembly: 13
Senate: 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.67000
Longitude: -121.4566
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * CONTAMINATED SOIL * DRILLING MUD
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CORRAL HOLLOW SANITARY LANDFILL
Alias Type: Alternate Name
Alias Name: Corral Hollow Landfill
Alias Type: Alternate Name
Alias Name: TRACY SANITARY LANDFILL
Alias Type: Alternate Name
Alias Name: CAD980637060
Alias Type: EPA Identification Number
Alias Name: CAD980815252
Alias Type: EPA Identification Number
Alias Name: L10006105960
Alias Type: GeoTracker Global ID
Alias Name: T0607700737
Alias Type: GeoTracker Global ID
Alias Name: 39490002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/11/1981
Comments: FACILITY IDENTIFIED FROM HWMB ENFORCEMENT FILES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/24/1994
Comments: The RWQCB is currently overseeing ground water monitoring at the facility. The facility is regulated under WDR requirements #86-046. The RWQCB has indicated that ground water beneath the facility has been contaminated with VOCs but the extent of contamination has not been investigated. The surrounding area is used for grazing and agriculture. The landfill is proposed to be closed in 1995 or 1996 by the City of Tracy and County of San Joaquin.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/09/1987
Comments: SITE SCREENING DONE. NO FILE FOUND, NO CLEANUP DOCUMENTED. PRELIMINARY ASSESSMENT LOW PRIORITY RECOMMENDED.

CORRAL HOLLOW II-2 LANDFILL (Continued) **S100186169**

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

16
East
1/2-1
0.721 mi.
3806 ft.

TRACY AUXILIARY FIELD NO. 5 **FUDS** **1007211944**
N/A

TRACY, CA

Relative:
Lower

Actual:
186 ft.

FUDS:

EPA Region:	09
Installation ID:	CA99799F587700
Congressional District Number:	10
Facility Name:	TRACY AUXILIARY FIELD NO. 5
FUDS Number:	J09CA0972
City:	TRACY
State:	CA
County:	SAN JOAQUIN
Object ID:	7730
USACE District:	Sacramento District (SPK)
Status:	Properties with all projects at site closeout
Current Owner:	Local Government; Private Sector
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=57786
Eligibility:	Eligible
Has Projects:	Yes
NPL Status:	Not Listed
Latitude:	37.688333329999899
Longitude:	-121.439722219999

FUDS Detail as of Jan 2015:

Fiscal Year:	2013
Federal Facility ID:	CA9799F5877
RAB:	Not reported
NPL Status:	Not Listed
Description:	The 3077.01-acre site is located approximately 2.5 miles southwest of Tracy, in San Joaquin County, California. The site is currently open to the public. The former Tracy Auxiliary Field No. 5 is now the site of the Tracy Airport and is owned and operated by the City of Tracy. All facilities formerly located on the site have been utilized by the City of Tracy or have been removed from the site, with the exception of two underground storage tanks that were reportedly used by the U.S. Army Air Forces during WWII. These two underground storage tanks were supposedly abandoned during the early 1950's but no records or documentation are available for the abandonment.
History:	The site was acquired from the City of Tracy and from a private resident by Declaration of Taking between 1942 and 1943. Tracy Auxiliary Field No. 5 was used by the U.S. Army Air Forces as an auxiliary field to Stockton Army Air Field. On 23 April 1946 the War Department declared the site surplus. By instrument of Transfer dated 27 May 1947, the 150.51 acres in fee were quitclaimed and 156.5 acres of leasehold were conveyed to the City of Tracy. Two underground

TRACY AUXILIARY FIELD NO. 5 (Continued) **1007211944**

storage tanks are currently located on-site.
CTC: 323.89999999999998
Current Program: Not reported
Future Program: Not reported
Institutional ID: 57786

17
NE
1/2-1
0.835 mi.
4408 ft.

ANTHONY TRAINA ELEMENTARY SCHOOL
4256 WINDSONG DRIVE
TRACY, CA 95377

ENVIROSTOR **S112141983**
SCH **N/A**
CIWQS

Relative:
Lower

Actual:
137 ft.

ENVIROSTOR:
Name: ANTHONY TRAINA ELEMENTARY SCHOOL
Address: 4256 WINDSONG DRIVE
City,State,Zip: TRACY, CA 95377
Facility ID: 39010020
Status: No Further Action
Status Date: 10/18/2001
Site Code: 104194
Site Type: School Investigation
Site Type Detailed: School
Acres: 16
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Charles Ridenour
Division Branch: Northern California Schools & Santa Susana
Assembly: 13
Senate: 05
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.70056
Longitude: -121.4422
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Chlordane DDD DDE DDT Lead
Confirmed COC: 30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30013-NO
Potential Description: SOIL
Alias Name: EDGEWOOD ELEMENTARY SCHOOL SITE
Alias Type: Alternate Name
Alias Name: JEFFERSON ELEM SD-EDGEWOOD
Alias Type: Alternate Name
Alias Name: JEFFERSON ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 104194
Alias Type: Project Code (Site Code)
Alias Name: 39010020
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

ANTHONY TRAINA ELEMENTARY SCHOOL (Continued) **S112141983**

Completed Date: 11/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 04/25/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/10/2000
Comments: DTSC approved the Phase 1 with a further action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 05/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: ANTHONY TRAINA ELEMENTARY SCHOOL
Address: 4256 WINDSONG DRIVE
City,State,Zip: TRACY, CA 95377
Facility ID: 39010020
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 16
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC

ANTHONY TRAINA ELEMENTARY SCHOOL (Continued) **S112141983**

Project Manager:	Not reported
Supervisor:	Charles Ridenour
Division Branch:	Northern California Schools & Santa Susana
Site Code:	104194
Assembly:	13
Senate:	05
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/18/2001
Restricted Use:	NO
Funding:	School District
Latitude:	37.70056
Longitude:	-121.4422
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	EDGEWOOD ELEMENTARY SCHOOL SITE
Alias Type:	Alternate Name
Alias Name:	JEFFERSON ELEM SD-EDGEWOOD
Alias Type:	Alternate Name
Alias Name:	JEFFERSON ELEMENTARY SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	104194
Alias Type:	Project Code (Site Code)
Alias Name:	39010020
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/14/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	04/25/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	10/18/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	01/10/2000
Comments:	DTSC approved the Phase 1 with a further action determination
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	05/09/2001

ANTHONY TRAINA ELEMENTARY SCHOOL (Continued) **S112141983**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CIWQS:
Name: ANTHONY TRAINA ELEMENTARY SCHOOL
Address: 4256 WINDSONG DRIVE
City,State,Zip: TRACY, CA 95377
Agency: Jefferson Elementary School District
Agency Address: 1219 Whispering Wind Drive, Tracy, CA 95377
Place/Project Type: Construction - Other: Education
SIC/NAICS: Not reported
Region: 5S
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 5S39C363897
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 06/19/2012
Termination Date: 01/09/2013
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: 37.70045
Longitude: -121.44317

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18 **TRACY AUXILIARY FIELD NO. 5 (J09CA0972)** **ENVIROSTOR** **S107737456**
East **TRACY BOULEVARD** **N/A**
1/2-1 **TRACY, CA 95376**
0.925 mi.
4884 ft.

Relative:
Lower

Actual:
176 ft.

ENVIROSTOR:
Name: TRACY AUXILIARY FIELD NO. 5 (J09CA0972)
Address: TRACY BOULEVARD
City,State,Zip: TRACY, CA 95376
Facility ID: 71000056

TRACY AUXILIARY FIELD NO. 5 (J09CA0972) (Continued) **S107737456**

Status:	No Further Action
Status Date:	10/02/2014
Site Code:	100574
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	307.01
NPL:	NO
Regulatory Agencies:	RWQCB 5S - Central Valley
Lead Agency:	RWQCB 5S - Central Valley
Program Manager:	Carrie Tatoian-Cain
Supervisor:	Ajit Vaidya
Division Branch:	Cleanup Sacramento
Assembly:	13
Senate:	05
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.68922
Longitude:	-121.4360
APN:	NONE SPECIFIED
Past Use:	AIRFIELD OPERATIONS, FUEL - AIRCRAFT STORAGE/ REFUELING
Potential COC:	TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	30024-NO 30025-NO 3002502-NO
Potential Description:	SOIL
Alias Name:	100574
Alias Type:	Project Code (Site Code)
Alias Name:	71000056
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Department of Defense Action Indicated (NDAI)
Completed Date:	05/23/2013
Comments:	DTSC and USACE agree to disagree
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TRACY	S106230392	TRACY, CITY OF (EAST ELEVENTH ST.	11TH ST. FROM CORRAL HOLLOW RD		CPS-SLIC
TRACY	S106230413	CHEVRON PIPE LINE COMPANY, CORRAL	CORRAL HOLLOW RD AT GRANTLINE		CPS-SLIC
TRACY	S106230411	TRACY, CITY OF	CORRAL HOLLOW & BYRON RDS, NE		CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/11/2020
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/10/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 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: 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: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

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: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
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: 04/20/2009
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: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/11/2020
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

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

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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
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: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
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: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
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: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
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: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/30/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
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: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 73
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 79

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/07/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
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: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
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: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

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: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 10/14/2020
Number of Days to Update: 76

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 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: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
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: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
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: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
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: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/24/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
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: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
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: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/07/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/30/2020
Next Scheduled EDR Contact: 02/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRACY HILLS LOGISTICS PARK PROPERTY
SOUTH CORRAL HOLLOW ROAD
TRACY, CA 95377

TARGET PROPERTY COORDINATES

Latitude (North):	37.687174 - 37° 41' 13.83''
Longitude (West):	121.458032 - 121° 27' 28.92''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	635961.3
UTM Y (Meters):	4172021.0
Elevation:	222 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640426 TRACY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

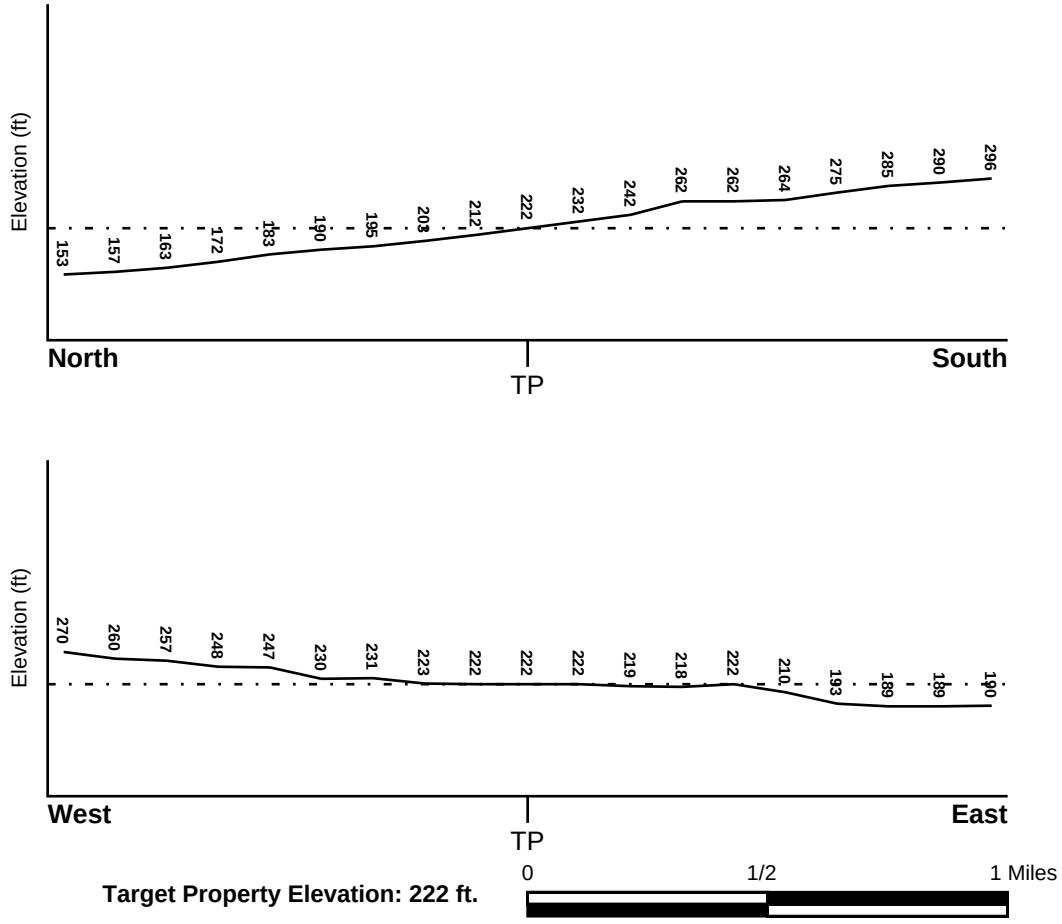
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06077C0740F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
0603030005A	FEMA Q3 Flood data
0602990705A	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
TRACY	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

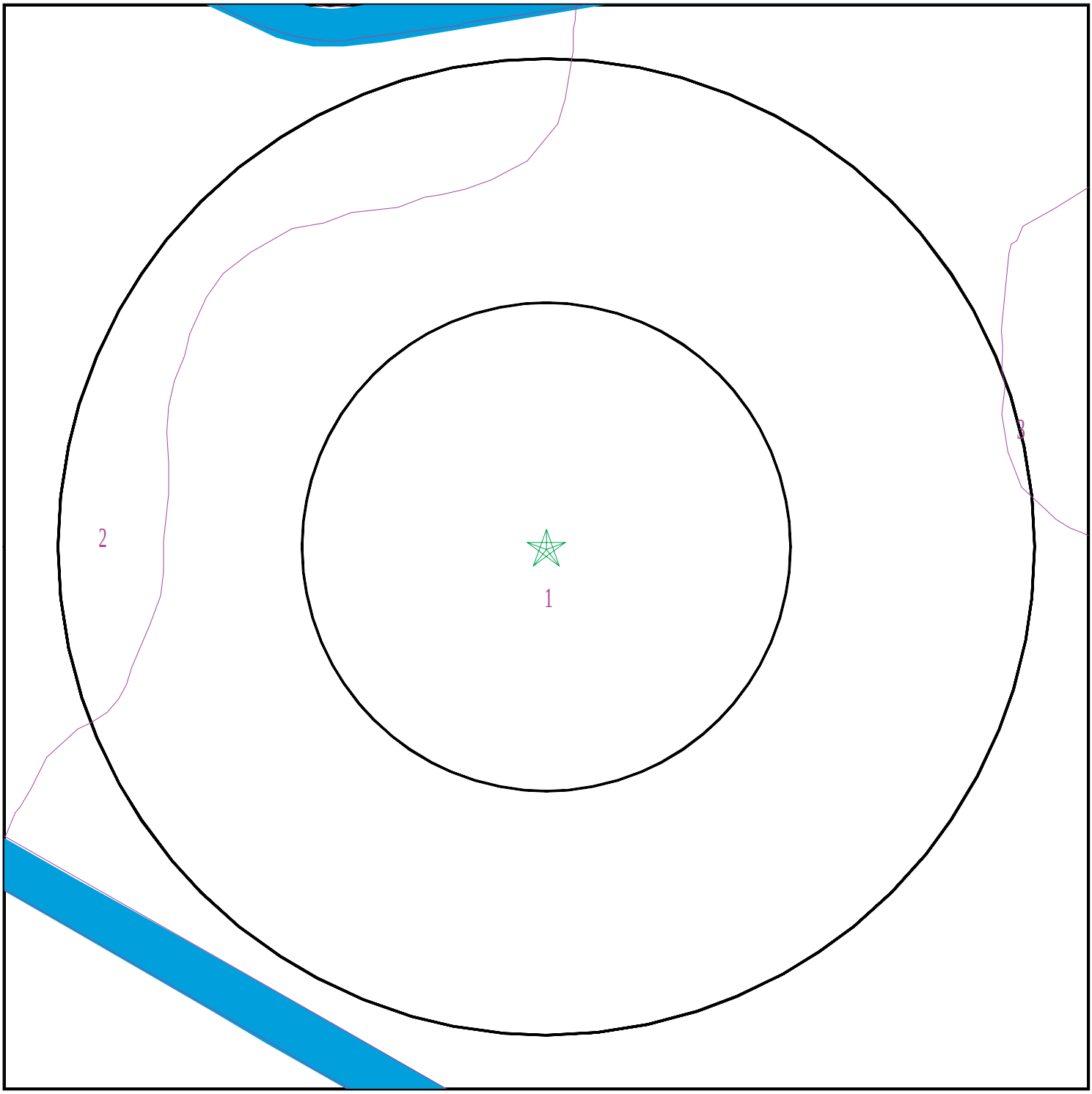
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 6347738.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Tracy Hills Logistics Park Property	CLIENT:	Wallace - Kuhl & Associates
ADDRESS:	South Corral Hollow Road Tracy CA 95377	CONTACT:	Nancy Malaret
LAT/LONG:	37.687174 / 121.458032	INQUIRY #:	6347738.2s
		DATE:	January 28, 2021 4:27 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: ZACHARIAS

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	18 inches	53 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	53 inches	59 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: Capay

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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	20 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	20 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: ZACHARIAS

Soil Surface Texture: gravelly clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	14 inches	29 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	29 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000184880	1/4 - 1/2 Mile East
4	USGS40000184951	1/4 - 1/2 Mile North
A7	USGS40000184948	1/2 - 1 Mile NE
10	USGS40000184890	1/2 - 1 Mile East
25	USGS40000185025	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

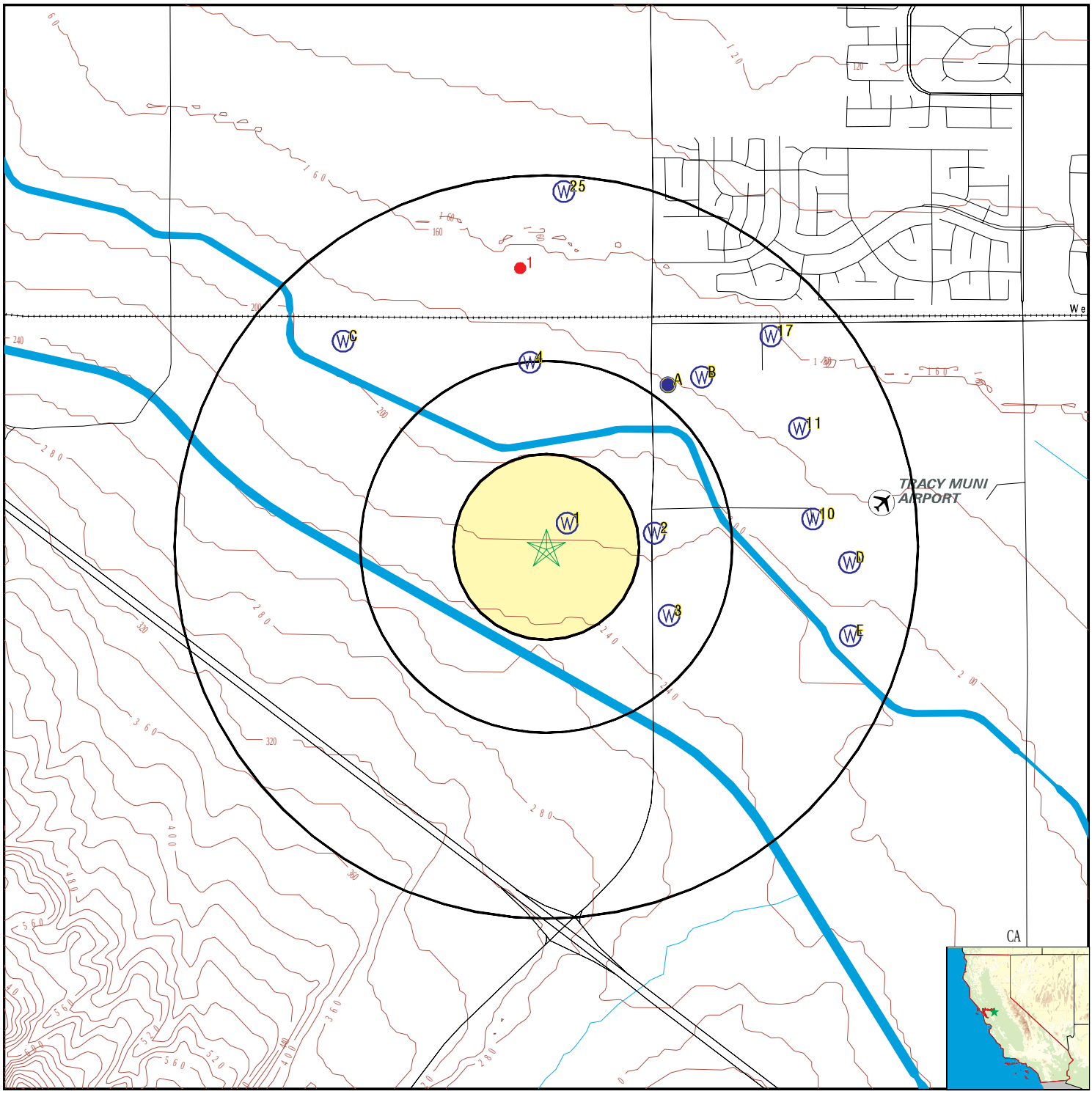
MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000030540	0 - 1/8 Mile NE
3	CADWR0000035159	1/4 - 1/2 Mile ESE
A5	CADWR8000035896	1/2 - 1 Mile NE
A6	CADWR8000035895	1/2 - 1 Mile NE
B8	CADDW0000006899	1/2 - 1 Mile NE
B9	CADDW0000010284	1/2 - 1 Mile NE
11	CADPR0000005624	1/2 - 1 Mile ENE
C12	CADWR0000001106	1/2 - 1 Mile NW
C13	CADWR8000035910	1/2 - 1 Mile NW
D14	CADDW0000012618	1/2 - 1 Mile East
D15	23180	1/2 - 1 Mile East
D16	3533	1/2 - 1 Mile East
17	CADWR0000017405	1/2 - 1 Mile NE
E18	CAUSGS000001940	1/2 - 1 Mile ESE
E19	CAUSGSN00005100	1/2 - 1 Mile ESE
E20	CADDW0000020007	1/2 - 1 Mile ESE
E21	3534	1/2 - 1 Mile ESE
E22	23177	1/2 - 1 Mile ESE
E23	3532	1/2 - 1 Mile ESE
E24	23179	1/2 - 1 Mile ESE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000008223	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 6347738.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Tracy Hills Logistics Park Property	CLIENT:	Wallace - Kuhl & Associates
ADDRESS:	South Corral Hollow Road Tracy CA 95377	CONTACT:	Nancy Malaret
		INQUIRY #:	6347738.2s
LAT/LONG:	37.687174 / 121.458032	DATE:	January 28, 2021 4:27 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NE
0 - 1/8 Mile
Lower

CA WELLS **CADWR0000030540**

Well ID:	03S05E08E001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S05E08E001M	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=03S05E08E001M&store_num=		
GeoTracker Data:	Not Reported		

2
East
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000184880**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S005E07J001M	Type:	Well
Description:	Not Reported	HUC:	18040003
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:	19540101	Well Depth:	13
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

3
ESE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000035159**

Well ID:	03S05E08L001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S05E08L001M	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=03S05E08L001M&store_num=		
GeoTracker Data:	Not Reported		

4
North
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000184951**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S005E07C001M	Type:	Well
Description:	Not Reported	HUC:	18040003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1967-05-01
Feet below surface:	219.00	Feet to sea level:	Not Reported
Note:	Not Reported		

A5
NE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000035896**

State Well #:	03S05E08D002M	Station ID:	26871
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Tracy	Well Completion Rpt #:	Not Reported

A6
NE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000035895**

State Well #:	03S05E08D001M	Station ID:	2416
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Tracy	Well Completion Rpt #:	Not Reported

A7
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000184948**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S005E08D001M	Type:	Well
Description:	Not Reported	HUC:	18040003
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:	19520101	Well Depth:	220
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1967-07-01
Feet below surface:	110.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
NE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000006899**

Well ID:	3200060-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3200060-001&store_num=		
GeoTracker Data:	Not Reported		

B9
NE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000010284**

Well ID:	3901369-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL HEAD	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3901369-001&store_num=		
GeoTracker Data:	Not Reported		

10
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000184890**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S005E08L001M	Type:	Well
Description:	Not Reported	HUC:	18040003
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:	19330101	Well Depth:	265
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1967-07-01
Feet below surface:	220.00	Feet to sea level:	Not Reported
Note:	Not Reported		

11
ENE
1/2 - 1 Mile
Lower

CA WELLS **CADPR0000005624**

Well ID:	82408	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	82408	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=82408&store_num=		

GeoTracker Data: Not Reported

C12
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000001106**

Well ID:	03S05E07C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S05E07C001M	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=03S05E07C001M&store_num=		
GeoTracker Data:	Not Reported		

C13
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000035910**

State Well #:	03S05E07C001M	Station ID:	2415
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Tracy	Well Completion Rpt #:	Not Reported

D14
East
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000012618**

Well ID:	3910011-006	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	PRODUCTION WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910011-006&store_num=		
GeoTracker Data:	Not Reported		

D15
East
1/2 - 1 Mile
Lower

CA WELLS **23180**

Seq:	23180	Prim sta c:	J39/011-PW4TRT
Frds no:	3910011023	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 04 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374112.8	Longitude:	1212631.6
Precision:	3	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:	3910011	System nam:	City Of Tracy

Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250
Area serve:	TRACY AND ENVIRONS		

D16
East
1/2 - 1 Mile
Lower

CA WELLS 3533

Seq:	3533	Prim sta c:	03S/05E-08P02 M
Frds no:	3910011006	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374112.8	Longitude:	1212631.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3910011	System nam:	City Of Tracy
Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250
Area serve:	TRACY AND ENVIRONS		

Sample date:	05-OCT-17	Finding:	3.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	14-SEP-17	Finding:	0.92
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	570.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	1.6
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		

Sample date:	14-SEP-17	Finding:	1.3
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		

Sample date:	14-SEP-17	Finding:	1.5
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		

Sample date:	14-SEP-17	Finding:	0.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	14-SEP-17	Finding:	1600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-17	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	180.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-SEP-17	Finding:	84.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	97.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	21.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	61.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	920.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.15
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	4.4
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.93
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-AUG-16	Finding:	1.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	0.73
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-AUG-16	Finding:	1.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	790.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	1.6
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	04-AUG-16	Finding:	0.25
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	6.8
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	04-AUG-16	Finding:	120.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-AUG-16	Finding:	1800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-AUG-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-AUG-16	Finding:	290.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	04-AUG-16	Finding:	100.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	130.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	29.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	81.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	2.
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUL-15	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-SEP-14	Finding:	4.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUN-14	Finding:	1100.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	16-JUN-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	300.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	77.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	27.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	120.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	3.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	240.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-JUN-14	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	1900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUN-14	Finding:	0.18
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	720.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	1.
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	16-JUN-14	Finding:	3500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	0.76
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	3400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-NOV-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	18-NOV-13	Finding:	0.93
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	0.866
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	4.5
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	0.69
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-SEP-13	Finding:	0.89
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	720.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1.4
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L

Dlr:	1.		
Sample date:	16-SEP-13	Finding:	1.5
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	16-SEP-13	Finding:	1800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-SEP-13	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	250.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-SEP-13	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	3.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	130.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	77.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1100.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	1.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	24-OCT-12	Finding:	1000.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	1600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-OCT-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	6.8
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	0.92
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-OCT-12	Finding:	2800.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-12	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	670.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	5.1
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	24-OCT-12	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	24-OCT-12	Finding:	1700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	24-OCT-12	Finding:	220.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	94.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	110.
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	24-OCT-12	Finding:	26.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	71.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	280.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		

17
NE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000017405**

Well ID:	03S05E05Q080M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S05E05Q080M	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=03S05E05Q080M&store_num=		
GeoTracker Data:	Not Reported		

E18
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001940**

Well ID:	TRCY-03	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	TRCY-03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=TRCY-03&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E19
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00005100**

Well ID:	USGS-374100121260001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-374100121260001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-374100121260001&store_num=		
GeoTracker Data:	Not Reported		

E20
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000020007**

Well ID:	3910011-005	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	PRODUCTION WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3910011-005&store_num=		
GeoTracker Data:	Not Reported		

E21
ESE
1/2 - 1 Mile
Lower

CA WELLS **3534**

Seq:	3534	Prim sta c:	03S/05E-08Q01 M
Frds no:	3910011003	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374103.0	Longitude:	1212631.8
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910011	System nam:	City Of Tracy
Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250
Area serve:	TRACY AND ENVIRONS		
Sample date:	21-FEB-18	Finding:	310.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	21-FEB-18	Finding:	2.1
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	29-NOV-17	Finding:	1400.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-17	Finding:	0.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	14.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	790.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.35
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	910.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-17	Finding:	4.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-SEP-17	Finding:	2300.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-17	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	280.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-SEP-17	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	14-SEP-17	Finding:	30.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	84.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	330.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	04-AUG-16	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	1.5
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	2.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	04-AUG-16	Finding:	1.4
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	910.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	0.24
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	4.
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	04-AUG-16	Finding:	2300.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	04-AUG-16	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	330.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-AUG-16	Finding:	130.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	160.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	32.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	91.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	360.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-JUL-15	Finding:	2500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	17-SEP-14	Finding:	6.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUN-14	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	350.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	32.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	150.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	130.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	310.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-JUN-14	Finding:	0.17
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	2400.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUN-14	Finding:	0.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	16-JUN-14	Finding:	870.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	3900.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	0.28
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	2300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-NOV-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	18-NOV-13	Finding:	0.21
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	0.36
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-SEP-13	Finding:	1.
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	890.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	2400.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-SEP-13	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	300.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	16-SEP-13	Finding:	130.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	3.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	160.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	32.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	89.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	350.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1.09
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-MAY-13	Finding:	1.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-MAY-13	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		

Sample date:	21-MAY-13	Finding:	2500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-13	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	220.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-MAY-13	Finding:	2300.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-MAY-13	Finding:	0.16
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-MAY-13	Finding:	300.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-MAY-13	Finding:	130.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	3.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	160.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	32.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	350.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	09-MAY-13	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	0.468
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-MAY-13	Finding:	840.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

E22
ESE
1/2 - 1 Mile
Lower

CA WELLS 23177

Seq:	23177	Prim sta c:	J39/011-PW1TRT
Frds no:	3910011020	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 01 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374103.0	Longitude:	1212631.8
Precision:	3	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:	3910011	System nam:	City Of Tracy
Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250
Area serve:	TRACY AND ENVIRONS		

E23
ESE
1/2 - 1 Mile
Lower

CA WELLS 3532

Seq:	3532	Prim sta c:	03S/05E-08P01 M
Frds no:	3910011005	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374102.9	Longitude:	1212631.8
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3910011	System nam:	City Of Tracy
Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Area serve: TRACY AND ENVIRONS

Sample date:	14-SEP-17	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.33
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	5.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-SEP-17	Finding:	2500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-SEP-17	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	270.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-SEP-17	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	29.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	86.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	330.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	14-SEP-17	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.15
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-SEP-17	Finding:	0.37
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-SEP-17	Finding:	2.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-SEP-17	Finding:	830.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	1.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-16	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	0.19
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-SEP-16	Finding:	1.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	860.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	0.21
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	2200.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	22-SEP-16	Finding:	0.18
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-SEP-16	Finding:	300.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	22-SEP-16	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	30.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	85.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-16	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-SEP-16	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUL-15	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUL-15	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-SEP-14	Finding:	4.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	16-JUN-14	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	350.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	89.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	31.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	150.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	290.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-JUN-14	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	2400.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUN-14	Finding:	0.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	850.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported

Dlr:	0.		
Sample date:	16-JUN-14	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUN-14	Finding:	4300.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	0.45
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-JUN-14	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-JUN-14	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-NOV-13	Finding:	2.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	18-NOV-13	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-SEP-13	Finding:	0.99
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	830.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	2400.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-SEP-13	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	270.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-SEP-13	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	16-SEP-13	Finding:	3.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	29.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	84.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	330.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	0.941
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-SEP-13	Finding:	1600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-OCT-12	Finding:	1300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-OCT-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	0.28
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	24-OCT-12	Finding:	3400.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-12	Finding:	1.4
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	810.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	2500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	24-OCT-12	Finding:	0.19
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	24-OCT-12	Finding:	280.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	31.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	350.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	24-OCT-12	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	24-OCT-12	Finding:	3.19
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	24-OCT-12	Finding:	1.39
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

E24
ESE **CA WELLS** **23179**
1/2 - 1 Mile
Lower

Seq:	23179	Prim sta c:	J39/011-PW3TRT
Frds no:	3910011022	County:	39
District:	10	User id:	PTA
System no:	3910011	Water type:	G
Source nam:	PRODUCTION WELL 03 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	374102.9	Longitude:	1212631.8
Precision:	3	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:	3910011	System nam:	City Of Tracy
Hqname:	Not Reported	Address:	325 E. TENTH STREET
City:	TRACY	State:	Not Reported
Zip:	95376	Zip ext:	Not Reported
Pop serv:	38000	Connection:	10250
Area serve:	TRACY AND ENVIRONS		

25
North **FED USGS** **USGS40000185025**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S005E06J001M	Type:	Well
Description:	Not Reported	HUC:	18040003
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:	19620410	Well Depth:	261
Well Depth Units:	ft	Well Hole Depth:	261
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	1	Level reading date:	1962-04-10
Feet below surface:	112.00	Feet to sea level:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
North
1/2 - 1 Mile

OIL_GAS **CAOG13000008223**

API #:	0407700382	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	UMC Petroleum Corp.	Lease Name:	McCulloch Maridon
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	06/02/1964

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95377	4	0

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN JOAQUIN COUNTY, CA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.530 pCi/L	90%	10%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.050 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{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 E

Preliminary Screen for Vapor Encroachment Conditions Matrix

Screen for Vapor Encroachment Conditions Matrix
TRACY HILLS LOGISTICS PARK PROPERTY
WKA No. 13041.02

Phase I ESA Screen for Vapor Encroachment Conditions (VEC) matrix includes a (1) **Search Radius Test,** (2) **Chemicals of Concern Test (COC),** and (3) a **Critical Distance Test**[1].

(1) Search Radius Test: Are there any known or suspect contaminated sites in the primary area of concern within the corresponding search radii? (if yes, see attached Table A).

(Yes) No If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

(2) **Chemicals of Concern**[2] **Test**: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

(Yes) No If No, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If Yes, then:

If Yes, check all COC that apply on attached Table B.

(3) Critical Distance Test: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

(3a) Is information related to the contaminated(s) plume available (i.e. isoconcentration maps, site drawings, etc.)?
(Yes) No

(3b) If ***No***, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If ***Yes***, then:

(3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)?
Yes (No)

(3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)?
Yes (No)

If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?
Yes (No) If *Yes,* then recommend performing a full scope VEC assessment according to ASTM E 2600-15.

[1] Based on guidance presented in the ASTM E 2600-15 Standard.
[2] Chemical(s) of concern (COC): See attached table for typical chemicals of concern (as presented in Appendix X6.1 of the ASTM E 2600-15 Standard).

Table A
Preliminary Screen for Potential Vapor Intrusion Conditions Search Distance Test

	Non Petroleum Hydrocarbon Chemicals of Concern		*Petroleum Hydrocarbon Chemicals of Concern*		No. of Facilities Listed (within Search Radius)
	Surrounding the Site	*Upgradient of the Site*	*Surrounding the Site*	*Upgradient of the Site*	
Federal	**Approximate Minimum Search Distance (miles)**				
Federal NPL Site List	*1/3*	*1*	*1/10*	*1/10*	0
Federal CERCLIS List	*1/3*	*1/2*	*1/10*	*1/10*	0
Federal RCRA CORRACTS facilities	*1/3*	*1*	*1/10*	*1/10*	0
Federal RCRA non CORRACTS TSD facilities	*1/3*	*1/2*	*1/10*	*1/10*	0
Federal Institutional Control / Engineering Control Registries	*site only*	-	*site only*	-	0
Federal ERNS List	*site only*	-	*site only*	-	0
State					
State-equivalent NPL (Hist. Cal-Sites)	*1/3*	*1*	*1/10*	*1*	0
State-equivalent CERCLIS (RESPONSE)	*1/3*	*1/2*	*1/10*	*1/2*	0
State Landfill and/or Solid Waste Disposal Site Lists	*1/3*	*1/2*	*1/10*	*1/2*	0
Leaking Underground Storage Tanks (LUST)	*1/3*	*1/2*	*1/10*	*1/2*	0
Registered Storage Tanks (ASTs and USTs)	*site only*	-	*site only*	-	0
Institutional Control Registries [No State-equivalent for Eng. Controls]	*site only*	-	*site only*	-	0
Voluntary Cleanup Sites	*1/3*	*1/2*	*1/10*	*1/2*	0
Brownfield Sites	*1/3*	*1/2*	*1/10*	*1/2*	0
Additional Environmental Record Sources					
DTSC EnviroStor	*1/3*	*1/2*	*1/10*	*1/2*	1
SLIC	*1/3*	*1/2*	*1/10*	*1/2*	0
Cleaner Facilities	*1/3*	*1/2*	*1/10*	*1/2*	0

1/3 mile = 1,760 feet
1/2 mile = 2,640 feet
1/10 mile = 528 feet

Table B
Preliminary Screen for Potential Vapor Intrusion Conditions
Typical Chemicals of Concern for the Vapor Intrusion Pathway
Circle All That Apply

Acenaphthene	Dibromo-3-chloropropane-1,2	Methylethylketone (2-butanone)
Acetaldehyde	1,2-Dibromoethane (ethylene dibromide)	Methylisobutylketone
Acetone	Dichlorobenzene-1,3	Methylmethacrylate
Acetonitrile	Dichlorobenzene-1,2	Methylnaphthalene-2
Acetophenone	Dichlorobenzene-1,4	MTBE
Acrolein	Dichlorodifluoromethane	m-Xylene
Acrylonitrile	Dichloroethane-1,1	Naphthalene
Aldrin	Dichloroethane-1,2	n-Butylbenzene
alpha-HCH (alpha-BCH)	Dichloroethylene-1,1	Nitrobenzene
Benzaldehyde	Dichloropropane-1,2	Nitropropane-2
Benzene	Dichloropropene-1,3	N-Nitroso-di-n-butlyamine
Benzo(b)fluoranthene	Dieldrin	n-Propylbenzene
Benzylchloride	Endosulfan	o-Nitrotoluene
beta-Chloronaphthale	Epichlorohydrin	o-Xylene
Biphenyl	Ethyl ether	vp-Xylene
Bis(2-chloroethyl)ether	Ethylacetate	Polychlorinated biphenyls (PCBs)
Bis(2-chloroisopropyl)ether	Ethylbenzene	Pyrene
Bis(chloromethyl)ether	Ethylene oxide	sec-Butlybenzene
Bromodichloromethane	Ethylmethacrylate	Styrene
Bromoform	Fluorene	tert-Butylbenzene
Butadiene-1,3	Furan	Tetrachloroethane-1,1,1,2
Carbon disulfide	gamma-HCH (Lindane)	Tetrachloroethane-1,1,2,2
Carbon tetrachloride	Heptachlor	Tetrachloroethylene (PCE)
Chlordane	Hexachloro-1,3-butadiene	Toluene
Chloro-1,3-butadiene-2	Hexachlorobenzene	trans-1,2-Dichloroethylene
(chloroprene)	Hexachlorocyclopentadiene	Trichloro-1,2,2-trifluoroethane-1,1,2
Chlorobenzene	Hexachloroethane	Trichlorobenzene-1,2,4
Chlorobutane-1	Hexane	Trichloroethane-1,1,2
Chlorodibromomethane	Hydrogen cyanide	Trichloroethane-1,1,1
Chlorodifluoromethane	Isobutanol	Trichloroethylene
Chloroethane (ethyl chloride)	Mercury (elemental)	Trichlorofluoromethane
Chloroform	Methylacrylonitrile	Trichloropropane-1,2,3
Chlorophenol-2	Methoxychlor	Trimethylbenzene-1,2,4
Chloropropane-2	Methyl acetate	Trimethylbenzene-1,3,5
Chrysene	Methyl acrylate	Vinyl acetate
cis-1,2-Dichloroethylene	Methyl bromide	Vinyl chloride (chloroethene)
Crotonaldehyde (2-butenal)	Methyl chloride (chloromethane)	
Cumene	Methylcyclohexane	Petroleum Hydrocarbons:
DDE	Methylene bromide	Gasoline/BTEX/MtBE
Dibenzofuran	Methylene chloride	Diesel

RECEIVED
March 18, 2021
City of Tracy
Development Services

Preliminary Geotechnical Engineering Report

TRACY HILLS LOGISTICS CENTER

Tracy, California

WKA No. 13041.02

February 24, 2021

Prepared for:

Mr. Steve Arthur

Ridgeline Property Group, LLC

915 Highland Pointe Drive, Suite 250

Roseville, California 95678

Preliminary Geotechnical Engineering Report

TRACY HILLS LOGISTICS CENTER

Tracy, California

WKA No. 13041.01

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APPENDIX B – Color Photographs

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Preliminary Geotechnical Engineering Report
TRACY HILLS LOGISTICS CENTER
Tracy, California
WKA No. 13041.01
February 26, 2021

INTRODUCTION

We have completed a preliminary geotechnical engineering investigation for the proposed commercial warehouse development to be constructed west of Corral Hollow Road in Tracy, California. The purposes of our work have been to research the site, soil and groundwater conditions, and to provide preliminary geotechnical engineering conclusions and recommendations regarding design and construction of the proposed development. This report presents the results of our services.

This report is preliminary in nature and describes the impacts of both soil and groundwater conditions on site development but is not intended for use in design and construction of the project.

A design-level geotechnical engineering study, including subsurface exploration, laboratory testing and engineering analyses will be required once the project is better defined.

Our office is currently working on a *Phase I Environmental Site Assessment* (WKA No. 13401.02) for the project. That report will be provided under a separate cover.

Work Scope

Our scope of services for this project included the following tasks:

1. a site reconnaissance;
2. review of previous geotechnical engineering reports prepared for the site and nearby projects;
3. review of historic United States Geological Survey (USGS) topographic maps, geologic maps, and available groundwater data within the vicinity of the property;
4. subsurface explorations, including the drilling and sampling of nine test pits and five soil borings to depths of approximately 9½ to 26½ feet below the existing site grades;
5. infiltration testing, including the performance of two double-ring infiltrometer tests within the footprint of the proposed storm water retention basins;
6. collection of representative bulk samples of near-surface soils;
7. laboratory testing of selected soil samples;

8. engineering analyses; and,
9. preparation of this preliminary report.

Supplemental Information

Supplemental information used in the preparation of this report included review of the following reports prepared by Wallace-Kuhl & Associates for projects on or near the subject site:

- *Phase 1 Environmental Site Assessment,* (WKA No. 13041.02, in progress), prepared for the subject site;

- *Geotechnical Engineering and Geologic Hazards Report,* (WKA No. 10137.05P, dated February 11, 2020), prepared for the Corral Hollow Elementary School located about 1500 feet south of the subject site; and,

- *Geotechnical Engineering Report*, (WKA No. 12002.02, dated July 20, 2018), prepared for the Ellis Subdivision located about 1800 feet north of the subject site.

Figures and Attachments

This report contains a Vicinity Map as Figure 1; a Site Plan showing approximate boring and test pit locations as Figure 2; and, Logs of Soil Borings and Test Pits as Figures 3 through 18. An explanation of the symbols and classification system used on the logs is contained on Figure 19. Appendix A contains general information regarding project concepts, exploratory methods used during our field investigation, and laboratory test results that are not included on the logs. Appendix B contains photo logs of the Test Pits.

Project Description

We understand that the project is still in a preliminary stage of planning and the final layout, locations and sizes of the buildings have not yet been determined. Based on our review of the conceptual site plan “Scheme 18”, prepared by HPA Architecture (dated December 21, 2020) and our conversations with Ridgeline Property Group, LLC, we understand that the proposed development will include construction of several new single-story warehouse buildings.

For Scheme 18, a total of seven warehouse buildings are planned, along with the associated truck, trailer and auto parking, driveways and flatwork. The buildings are anticipated to range from 103,000 to 346,500 square feet in plan area. In addition, several new parcels will be

subdivided along the eastern and southern sides of the property, for future development. These parcels are not a part of this study. The warehouse buildings will be constructed of concrete tilt-up panels with interior concrete slab-on-grade floor. Structural loads for the buildings are anticipated to be moderately heavy based on this type of construction. We understand that a sloped floor slab with a maximum gradient of 0.5% is being considered for all buildings larger than 200,000 square feet in order to accommodate the gently sloping site topography. Associated development will include construction of underground utilities and landscaping improvements. Several existing utility easements would also be incorporated to the design of the project. Two stormwater detention basins will be constructed in the northeastern and northwestern corners of the property. Below grade basements are not planned.

Grading plans were not available at the time this preliminary report was prepared, however we understand that mass grading is likely to involve cuts within the higher southern portion of the property and fills within the lower northern portion of the property.

FINDINGS

Site Description

The subject property is located west of Corral Hollow Road in Tracy, California (Figure 1). The site is bordered to the north by the Delta-Mendota Canal; to the south by the Governor Edmund G. Brown California Aqueduct; to the west by vacant agricultural land; and to the east by two substations and Corral Hollow Road beyond which is a gravel quarry and Tracy Municipal Airport.

The site is identified by four San Joaquin County Assessor's Parcel Numbers (APNs): 253-020-160, -170, 180, and -190 and is comprised of 194 acres land currently planted with an orchard. An existing PG&E utility easement crosses the northeastern portion of the property.

Based on topographic data obtained from Google Earth, the site slopes gently from the south down to the north, with elevations ranging from about +200 feet to +240 feet relative to mean sea level. This information is consistent with topography data for the site shown on the *USGS 7.5-Minute Topographic Map of the Tracy Quadrangle, California*, dated 2018.

Historical Aerial Photograph Review

We reviewed historical aerial photographs from 1946, 1967, 1968, 1971, 1982, 1985, 1993, 2003 through 2006, and 2008 through 2020. Our historical aerial review indicates the site has been used for agricultural purposes as an orchard since at least 1967. A PG&E gas main passes through the northeast corner of the site, and is visible as early as 1993.

Based on our Phase 1 Environmental Site Assessment (currently in progress, to be submitted under separate cover), our historical land use research dating back to the early 1900s indicates that the site was grass-covered land or used for dry farm crop cultivation from at least 1937 to at least 1957, planted with an orchard from at least 1963 to at least 1993, fallow land from at least 2006 to at least 2012, and has been planted with the existing orchard since at least 2016. A canal transected the central portion of the Site from east to west from at least 1957 to at least 1968.

Geologic Setting

Review of the 1991 USGS *Geologic Map of San Francisco-San Jose Quadrangle, California*[1] indicates the subject site is underlain by Quaternary age alluvial fan deposits near the northern portion of the site which consists of "poorly consolidated, non-marine gray to maroon siltstone, quartz arenite sandstone, tuff, and pebble to cobble conglomerate" (Pliocene) and the Fanglomerate near the southern portion of the site, which consists of heterogeneous rock fragments of all sizes deposited in an alluvial fan. This is consistent with the results of our subsurface exploration.

Soil Conditions

The surface and near-surface soils across the site generally consist of lean clay from the surface to depths ranging from about one to four feet below existing site grades. The lean clays were underlain by sandy gravels with cobbles ranging from three to six inches in size and trace amounts of clay to the explored depths of about 9½ to 26½ feet below the surface. Fat clays were encountered below the lean clay at test pit TP5 from depths of about 1½ to 3½ feet below the ground surface. The materials we observed in our borings and test pits are consistent with the geologic units identified to underlie the site. For detailed soil conditions at a particular location, please refer to the Logs of Soil Borings and Test Pits as Figures 3 through 18. An

[1] Wagner, D.L., Bortugno, E.J., and McJunkin, R.D. 1991. Geologic map of the San Francisco-San Jose quadrangle, California. Scale 1:250,000. California Division of Mines and Geology. Sacramento, CA.

explanation of the symbols and classification system used on the logs is contained on Figure 19.

Groundwater

Groundwater was not observed in our borings or test pits performed on February 3rd and 4th, 2021. To supplement our groundwater data, we reviewed a well completion report from the *Preliminary Endangerment Assessment Report Findings – Proposed Tracy Hills School Site* (WKA No. 10137.04P) prepared by our firm for the proposed new school south of the project site. A 125 foot deep monitoring well (MW-2) was constructed on the southeastern portion of the school site on June 18, 2018. According to this well completion report, groundwater was encountered at approximately 99 feet below site grade.

Review of recent groundwater level data compiled from September 2012 to March 2018 by the Department of Water Resources (DWR) for well 377031N1214485W001, which is located about 1 mile northeast of the site indicates groundwater elevations have fluctuated from a low elevation of approximately -34.2 feet relative to mean sea level (msl) l in October of 2014, or about 169 feet below the ground surface at the well location, to a high elevation of about +8.7 feet msl in February of 2013, or about 126 feet below the ground surface at the well location.

CONCLUSIONS

Bearing Capacity

It has been our experience that the removal of orchard trees significantly disturbs the near-surface soils due to the removal of root balls and irrigation systems. Additionally, our experience suggests orchard trees typically are deep ripped in preparation for planting. Based on this information, it is anticipated that the soils within the structure areas will need to be over-excavated and recompacted as engineered fill to provide uniform support for the planned buildings, pavements and associated development.

It is emphasized that thorough compaction of the upper soils that have been disturbed by discing and agricultural activities will be crucial to providing uniform support for the proposed at-grade improvements.

Buildings should not be supported upon differential fill or cut-fill differential depths greater than five feet. Over-excavation and recompaction of the affected building pads would be required to

limit the differential fill depths on the building pad with differential fill depths greater than five feet. This can be determined once grading plans become available.

Our work also indicates that engineered fill, properly placed and compacted in accordance with the recommendations of this preliminary report as well as any future design-level geotechnical engineering reports, will be capable of supporting the proposed structures and pavement improvements. Preliminary recommendations to scarify, moisture condition, and recompact the surface soils have been provided in the Site Clearing and Preparation section of this report.

2019 CBC/ASCE 7-16 Seismic Design Criteria

The 2019 edition of the *California Building Code CBC* references the American Society of Civil Engineers (ASCE) Standard 7-16 for seismic design. The seismic design parameters provided in Table 1 were developed based on a Site Classification D, and the latitude and longitude for the site using the web interface developed by the *Structural Engineers Association of California* (SEAOC) and *California's Office of Statewide Health and Development* (OSHPD).

Since S_1 is greater than 0.2g, the coefficient values F_v, S_{M1}, and S_{D1} presented in Table 1 below are valid for this project, provided the requirements in Exception Note No. 2 in Section 11.4.8 of ASCE 7-16 apply, specifically if $T \leq 1.5 \times T_S$. If not, a site-specific ground motion hazard analysis is required. Based on our experience with similar structures, we anticipate the planned structures will meet Exception Note No. 2; however, the project structural engineer should verify that this is the case.

Table: 2019 CBC/ASCE 7-16 SEISMIC DESIGN PARAMETERS

Latitude: 37.6896° N Longitude: 121.4583° W	ASCE 7-16 Table/Figure	2019 CBC Table/Figure	Factor/Coefficient	Value
0.2-second Period MCE	Figure 22-1	Figure 1613.2.1(1)	S_S	1.317 g
1.0-second Period MCE	Figure 22-2	Figure 1613.2.1(2)	S_1	0.451 g
Soil Class	Table 20.3-1	Section 1613.2.2	Site Class	D
Site Coefficient	Table 11.4-1	Table 1613.2.3(1)	F_a	1.000
Site Coefficient	Table 11.4-2	Table 1613.2.3(2)	F_v	1.849*
Adjusted MCE Spectral Response Parameters	Equation 11.4-1	Equation 16-36	S_{MS}	1.317 g
	Equation 11.4-2	Equation 16-37	S_{M1}	0.834 g*

Table: 2019 CBC/ASCE 7-16 SEISMIC DESIGN PARAMETERS				
Latitude: 37.6896° N Longitude: 121.4583° W	ASCE 7-16 Table/Figure	2019 CBC Table/Figure	Factor/Coefficient	Value
Design Spectral Acceleration Parameters	Equation 11.4-3	Equation 16-38	S_{DS}	0.878 g
	Equation 11.4-4	Equation 16-39	S_{D1}	0.556 g*
Seismic Design Category	Table 11.6-1	Section 1613.2.5(1)	Risk Category I - IV	D
	Table 11.6-2	Section 1613.2.5(2)	Risk Category I - IV	D

Notes: MCE = Maximum Considered Earthquake; g = gravity

* The value is valid provided the requirements in Exception Note No. 2 in Section 11.4.8 of ASCE 7-16 are met. If not, a site-specific ground motion hazard analysis is required.

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.

A site-specific liquefaction analysis was beyond the scope of services for this preliminary geotechnical engineering study. However, based upon the results of our subsurface exploration, the known site geologic, seismologic, depth to groundwater and soil conditions, it is our opinion that the potential for liquefaction occurring at this site is very low.

Soil Expansion Potential

Laboratory test results on the near-surface clayey soils indicate these materials possess a low to medium expansion potential when tested in accordance with ASTM D4829 test method (see Figures A1 through A3). The near-surface clayey samples were tested to determine the Atterberg Limits and found to be moderately to highly plastic when tested in accordance with ASTM D4318 test method (Figure A4). The deeper, gravelly soils beneath the surficial clay

layer are generally not considered expansive, and therefore are not expected to require mitigation.

Based on the laboratory test results and our experience with similar soils, the near-surface soils have the potential to develop moderate to significant expansion pressures on structural foundations, exterior flatwork and pavements. Specific recommendations to mitigate expansive soils depend on whether the clayey or more gravelly soils are present at subgrade elevations, following mass grading. These recommendations could consist of either removing and replacing clay subgrade soils with suitable granular on-site or imported soil, or chemical treatment (i.e. lime or cement). A grading plan was not available at the time this study was performed; therefore, these recommendations would be provided in the design-level geotechnical report.

Excavation Conditions

The on-site soils should be readily excavatable with conventional construction equipment. In our opinion, shallow excavations less than five feet in depth will stand at a near-vertical inclination for the short periods of time required for utility construction. However, minor sloughing and "running" conditions could occur if the soils are saturated, or where zones of clean (cohesionless) sands are encountered, especially when subjected to construction vibrations or if the soils are allowed to dry significantly.

Soil Suitability for Use in Fill Construction

The on-site soils at the site are considered suitable for use as fill material provided these materials do not contain rubble, rubbish, concrete, wood, roots, organic concentrations, or other deleterious material, and are at a workable moisture content appropriate for compaction. However, mitigation of near-surface clay soils may be required at the site depending on final site grades and the exposed soil conditions.

Pavement Subgrade Quality

Based on limited preliminary sampling and testing, the near-surface soils are anticipated to be of relatively poor to moderate quality for support of asphalt concrete pavements, with Resistance values (R-values) ranging from 10 to 19 (Figure A5).

Based on previous experience in the area, we anticipate that the treatment of on-site surface and near-surface clay soils with high-calcium or dolomitic quicklime can be a very effective and

economical method to increase the subgrade quality of clayey soils to support pavements; reduce the moisture content of near-saturated soils, enabling construction to proceed during or shortly after the rainy season; and, to reduce the expansive characteristics of clayey soils. Proper lime-treatment of the near-surface clayey soils in pavement areas would substantially increase the life-cycle of the pavement by reducing the risk of post-construction differential movement of the subgrade soils.

Our experience in this area of Tracy indicates that the native clayey soils, if present at subgrade elevations can be amended to improve the subgrade soil (R-value of 40) by the addition of high calcium or dolomitic quicklime. Preliminary pavement design recommendations have been prepared for both untreated and treated subgrades.

Since grading plans are not available and due to the variability of the on-site soils, additional design-phase testing would be required.

Groundwater

Groundwater was not encountered within the explorations performed on this property, and we conclude that a permanent groundwater table should not be a significant factor in site development. Please note that the borings and test pits may not have been left open long enough for groundwater to reach static equilibrium. Although permanent groundwater is not anticipated to impact the proposed development, based on nearby drainage features and the underlying geology, we anticipate that perched groundwater conditions could be encountered, especially after periods of heavy rainfall.

Groundwater levels should be expected to fluctuate throughout the year based on variations in precipitation, temperature, evaporation, run-off, and other factors. The groundwater levels discussed herein represent the conditions at the time the measurements were obtained. The actual groundwater levels at the time of construction may vary. Standard sump pit and pumping procedures should be adequate to control localized groundwater seepage into excavations, if encountered.

Seasonal Water

During the wet season, infiltrating surface water will create saturated surface soil conditions due to the relatively impermeable nature of the near-surface clays. Grading operations attempted following the on-set of winter rains and prior to prolonged drying periods will be hampered by high soil moisture contents. Such soils, intended for use as engineered fill, will require

considerable drying and aeration to reach a moisture content that will permit the specified degree of compaction to be achieved.

Preliminary Soil Corrosion Potential

Two samples of near-surface soil were submitted to Sunland Analytical for testing to determine pH, chloride and sulfate concentrations, and minimum resistivity to help evaluate the potential for corrosive attack upon buried concrete. The results of the corrosivity testing are summarized in the following table. Copies of the test reports are presented on Figures A7 through A10.

TABLE 2
SOIL CORROSIVITY TESTING

Analyte	Test Method	Bulk Sample Identification	
		TP7 (3' - 10')	TP9 (0' - 3')
pH	CA DOT 643 Modified*	6.99	6.46
Minimum Resistivity	CA DOT 643 Modified*	860 Ω-cm	460 Ω-c
Chloride	CA DOT 417	45.9 ppm	153.5 ppm
Sulfate	CA DOT 422	175.2 ppm	458.2 ppm
	ASTM D-516m	160.2 ppm	431.8 ppm

* = Small cell method; Ω-cm = Ohm-centimeters; ppm = parts per million

The California Department of Transportation Corrosion and Structural Concrete Field Investigation Branch, 2018 Corrosion Guidelines (Version 3), considers a site to be corrosive to foundation elements if one or more of the following conditions exists for the representative soil and/or water samples taken: has a chloride concentration greater than or equal to 500 ppm, sulfate concentration greater than or equal to 1500 ppm, or the pH is 5.5 or less. Based on this criterion, the on-site soils tested are not considered corrosive to steel reinforcement properly embedded within Portland cement concrete (PCC). However, the relatively low resistivity value indicates unprotected metals in direct contact with the onsite soils may be susceptible to corrosion.

Table 19.3.1.1 – Exposure Categories and Classes, of American Concrete Institute (ACI) 318-19, Section 19.3 – Concrete Design and Durability Requirements, as referenced in Section 1904.1 of the 2019 CBC, indicates the severity of sulfate exposure for the sample tested within the upper three feet at test pit TP9is Exposure Class S1. The project Structural Engineer should evaluate the requirements of ACI 318-19 and determine their applicability to the site.

Wallace-Kuhl & Associates are not corrosion engineers. Therefore, if it is desired to further define the soil corrosion potential at the site, a Corrosion Engineer should be consulted.

Infiltration Tests

On February 4th, 2021, an engineer from our office performed two double-ring infiltrometer tests (I1 and I2) at the locations indicated on the attached Site Plan (Figure 2). The infiltration tests were performed in a layer of sandy gravel, about ten feet below the existing ground surface. Logs of Test Pits at the infiltration test locations are shown in Figures 17 and 18. After each measurement interval, the inner and outer rings were refilled to the original water depth.

The double-ring infiltrometer tests were performed in general accordance with American Society for Testing and Materials (ASTM) D3385 to determine the infiltration rate of the near-surface subgrade soils.

Table 3a - Infiltration Test I1: Double Ring Infiltrometer Test Result

	Time (hr:min)	Elapsed Time (min)	Inner Ring			Outer Ring		
			Water Height (in)	Drop (in)	Flow (in/hr)	Water Height (in)	Drop (in)	Flow (in/hr)
i	10:25	-	12	-	-	12	-	-
f	10:26	1	11	1	60	11¼	¾	45
i	10:26	-	12	-	-	12	-	-
f	10:27	1	10¾	1¼	75	10½	1½	90
i	10:27	-	12	-	-	12	-	-
f	10:29	2	8½	3½	105	9¾	2¼	67.5
i	10:29	-	12	-	-	12	-	-
f	10:31	2	8¾	3¼	97.5	10	2	60
i	10:31	-	12	-	-	12	-	-
f	10:33	2	8	4	120	9	3	90
i	10:33	-	12	-	-	12	-	-
f	10:35	2	8¾	3¼	97.5	10	2	60

	Time (hr:min)	Elapsed Time (min)	Inner Ring			Outer Ring		
			Water Height (in)	Drop (in)	Flow (in/hr)	Water Height (in)	Drop (in)	Flow (in/hr)
i	10:35	-	12	-	-	12	-	-
f	10:37	2	9	3	90	9	3	90
i	10:37	-	12	-	-	12	-	-
f	10:39	2	9¼	2¾	82.5	9¾	2¼	67.5
i	10:39	-	12	-	-	12	-	-
f	10:41	2	8 7/8	3 1/8	93.7	8 3/8	3 5/8	108.7
i	10:41	-	12	-	-	12	-	-
f	10:43	2	8½	3½	105	8¼	3¾	112.5
i	10:43	-	12	-	-	12	-	-
f	10:45	2	8¾	3¼	97.5	8¾	3¼	97.5

i- Initial Reading f-Final Reading

Table 3b - Infiltration Test I2: Double Ring Infiltrometer Test Result

	Time (hr:min)	Elapsed Time (min)	Inner Ring			Outer Ring		
			*Water Height (in)	Drop (in)	Flow (in/hr)	**Water Height (in)	Drop (in)	Flow (in/hr)
i	13:30	-	12	-	-	12	-	-
f	13:35	5	9½	2½	30	9¼	2¾	33
i	13:35	-	12	-	-	12	-	-
f	13:40	5	8¼	3¾	45	7½	4½	54
i	13:40	-	12	-	-	12	-	-
f	13:45	5	5½	6½	78	6	6	72
i	13:45	-	12	-	-	12	-	-
f	14:00	15	4¾	7¼	29	5½	6½	26
i	14:00	-	12	-	-	12	-	-
f	14:15	15	5 7/8	6 1/8	24.5	6¼	5¾	23
i	14:15	-	12	-	-	12	-	-
f	14:30	15	7	5	20	5¼	6¾	27
i	14:30	-	12	-	-	12	-	-
f	14:45	15	6½	5½	22	4¾	7¼	29
i	14:45	-	12	-	-	12	-	-
f	15:00	15	7¼	4¾	19	5¼	6¾	27

i- Initial Reading f-Final Reading

Based on the infiltration testing, our experience, and the soil conditions encountered at the test locations and depths, we recommend an allowable infiltration rate of 20 inches per hour for design of storm water infiltration at the site.

The rates presented above are based on native gravels below the clay layer that have not been compacted. It should be noted that if planned, compaction of the soils beneath the basins will likely decrease the infiltration rates encountered across the site and should be accounted for during design and construction.

PRELIMINARY RECOMMENDATIONS

Earthwork Considerations

Future geotechnical engineering investigations should be performed to develop site-specific grading recommendations.

Site clearing would include removal of surface and subsurface structures that may remain on-site, as well as the removal of deleterious debris and surface organics. Tree removal generally includes the entire rootball and all roots larger than ½-inch in diameter. Excavations and depressions resulting from the removal of these items must be backfilled with engineered fill.

Removal of surface organics would depend on the condition and quantity of the organics at the time grading is to begin. Discing of the organics may be suitable for construction, if the organic concentrations are not too heavy at the time of grading. Stripping of the organics likely would be required if organic concentrations are very thick, with strippings being completely removed from the site or used only in landscape areas.

Areas designated to receive fill and at-grade areas are typically scarified to depths of about six to 12 inches, thoroughly moisture conditioned to above optimum moisture contents, and uniformly compacted. This method will help mitigate for expansive soils, if any. Standard fill construction and compaction procedures, including uniform moisture conditioning, placement of fill in thin lifts and uniformly compacted to at least 90 to 95 percent of the maximum dry density, would likely be suitable for support of structures.

Typically only native clay soils (in lieu of select sand backfill) are recommended for use as backfill for utility trenches located within building footprints and extend at least five feet beyond the perimeter foundation to minimize water transmission beneath the proposed buildings. Utility trench backfill is generally thoroughly moisture conditioned and mechanically compacted.

Due to the potential expansion characteristics of the native clay soils, the upper 12 inches of the final subgrade below the building footprints and at-grade structures, including exterior flatwork, may either be chemically amended or replaced with imported non-expansive engineered fill.

Foundation Design and Floor Slab Support

Our preliminary evaluation of the geotechnical aspects of the project suggests the underlying clay soils possess low to moderate expansion characteristics. Based on these results, typical foundations for structures constructed on expansive soils would consist of deepened, heavily-reinforced conventional foundations. Deepened conventional foundations typically would be at least 18 inches deep with minimum foundation widths of 12 inches for continuous foundation and 18 inches wide for isolated spread foundations would be applicable.

We anticipate bearing capacities on the order of 2000 to 4000 pounds per square foot (psf) for dead plus live load would be applicable for foundations bearing in undisturbed native soils and/or properly placed and compacted engineered fill.

Interior concrete slab-on-grade floors used in conjunction with conventional foundations would be suitable for this site, provided slabs are properly designed and constructed with regard to reinforcement and moisture vapor penetration resistance. Proper reinforcement of slab-on-grade and removal and replacement of the upper 12 inches of subgrade soils with non-expansive engineered fill and/or chemically treated soils will be particularly crucial due to the potential for encountering near-surface expansive soils.

Final foundation and floor slab design will depend on the final site grades relative to the clay soils and should be determined in a design level report once additional information regarding the proposed development becomes available.

Retaining Wall Design

Retaining walls may be supported upon continuous and/or isolated spread foundations bearing upon undisturbed native surface soils, engineered fill, or a combination of these materials. Retaining walls capable of slight rotation about their base (unrestrained at the top or sides)

should be capable of resisting an "active" lateral earth pressure equal to an equivalent fluid pressure of 45 psf per foot of wall backfill for horizontal backfill conditions. Retaining walls that are fixed at the top should be capable of resisting an "at-rest" lateral earth pressure equal to an equivalent fluid pressure of 65 psf per foot for horizontal backfill conditions.

Retaining walls could experience additional surcharge loading if vehicles are parked or at-grade foundations are constructed within a one horizontal to one vertical (1:1) projection from the bottom of the retaining wall. Surcharge loading under these circumstances should be evaluated on a case-by-case basis.

Retaining wall foundations should extend at least 18 inches below lowest adjacent soil grade. Retaining wall foundations bearing in undisturbed or recompacted native soils, engineered fill, or a combination of those materials may be sized for maximum allowable “net” soil bearing pressures of 2000 pounds per square foot (psf) for dead plus live loads, with a 1/3 increase for total loads including the short-term effects of wind or seismic forces. The weight of the foundation concrete extending below lowest adjacent soil grade may be disregarded in sizing computations.

Retaining walls should be fully drained to prevent the build-up of hydrostatic pressure behind the wall. Retaining walls should be provided with a drainage blanket consisting of Class 2 permeable material (Caltrans Specification Section 68-202F(3)) at least one foot wide extending from the base of wall to within one foot of the top of the wall. The top foot above the drainage layer should consist of compacted native soil or aggregate base when covered by slabs or pavements. Weep holes or perforated rigid pipe should be provided near the base of the wall to allow drainage of accumulated water. Drain pipes, if used, should slope to discharge at no less than a one percent fall to suitable drainage facilities. Open-graded ½- to ¾-inch crushed rock may be used in lieu of the Class 2 permeable material, if the rock and drain pipe are completely enveloped in an approved non-woven geotextile filter fabric. Detailing of wall drainage should be provided by the designer of the retaining wall.

Structural backfill materials for retaining walls, other than the drainage layer, should consist of granular soils free of significant quantities of rubbish, rubble, organics and rock over three inches in size. Structural backfill should be placed in lifts not exceeding 12 inches in compacted thickness, and should be mechanically compacted to at least 90 percent relative compaction. The top 12 inches of aggregate base, if used, should be compacted to at least 95 percent of the ASTM D1557 maximum dry density.

Preliminary Pavement Design

Laboratory test results from near-surface soils encountered at the proposed pavement areas of the site exhibit poor to moderate support qualities for support of asphalt concrete pavements. Relatively thick pavement sections would be required for pavements unless the clays are lime-treated. Based on laboratory test results, we used a Resistance ("R") value of 10 for untreated subgrades and an R-value of 40 for clay subgrades amended with at least 4½ pounds of lime per square foot of treated area, mixed to a depth sufficient to produce a compacted lime-treated layer 12 inches thick, for design of pavements. If imported granular material is anticipated to for use in lieu of the 12 inch lime-treated subgrade section, it should be approved by the Geotechnical Engineer and should possess an R-value of at least 40.

Preliminary pavement design alternatives are provided below for various traffic indices (TIs), including on-site pavements (Table 4). The procedures used for flexible pavement design are in general conformance with Chapters 600 to 670 of the California Highway Design manual, dated December 14, 2018.

Based on our experience with similar projects, we have provided pavement design alternatives for TIs anticipated for the roadways associated with this project. The project civil engineer should determine the appropriate TI for each driveway and pavement area based on anticipated traffic conditions. We have assumed a lane distribution factor of 1.0. Upon request, we can provide pavement design alternatives for different TIs.

TABLE 4
PRELIMINARY PAVEMENT DESIGN ALTERNATIVES

Traffic Index (20-Year Life Span)	Pavement Use/ESAL Ranges**	Untreated Subgrades R-value = 10			Lime-Treated Subgrades Soils R-value = 40		
		Type A Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)	Type A Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)
4.5	Light Automobile Parking Only	2.5	9	--	2.5	4	--
		3*	8	--	3*	4	--
		--	4	4	--	4	4
6.5	47,300 - 89,800	3	15	--	3	8	--
		4*	13	--	4*	6	--
		--	6	6	--	6	4

TABLE 4
PRELIMINARY PAVEMENT DESIGN ALTERNATIVES

Traffic Index (20-Year Life Span)	Pavement Use/ESAL Ranges**	Untreated Subgrades R-value = 10			Lime-Treated Subgrades Soils R-value = 40		
		Type A Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)	Type A Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)	Portland Cement Concrete (inches)
7.0	89,800 - 164,000	3	17	--	3	9	--
		4*	15	--	4*	7	--
		--	6	6	--	6	4½
7.5	164,000 - 288,000	3.5	18	--	4	9	--
		5*	15	--	4.5*	8	--
		--	6	7	--	6	5
8.0	288,000 - 487,000	3.5	19	--	4	10	--
		5*	16	--	5*	8	--
		--	6	7	--	6	5½
8.5	487,000 - 798,000	4	20	--	4	11	--
		5.5*	18	--	5*	10	--
		--	6	7½	--	6	5½
9.0	798,000 - 1,270,000	4	22	--	5	11	--
		5.5*	19	--	6*	9	--
		--	9	8	--	9	6
9.5	1,270,000 - 19,800,000	4.5	23	--	5	12	--
		6.5*	20	--	6*	11	--
		--	9	8½	--	9	6½
10.0	1,980,000 - 3,020,000	5	24	--	5	13	--
		6.5*	21	--	6*	12	--
		--	12	9	--	12	7

* Asphalt concrete thickness contains the Caltrans safety factor.
** ESAL= Equivalent Single Axle Load of 18-kips per axle, values taken from Table 613.3C of Caltrans Highway Design Manual

We emphasize that the performance of pavements is critically dependent upon uniform and adequate compaction of the soil subgrade, as well as all engineered fill and utility trench backfill within the limits of the pavements. We recommend that pavement subgrade preparation (i.e. scarification, moisture conditioning and compaction) be performed after underground utility

construction is completed and just prior to aggregate base placement. Materials used for pavement construction should conform to the appropriate sections of the most recent editions of the Caltrans Standard Specifications and local standards.

The native clay soils are anticipated to react well with the addition of quicklime (high-calcium or dolomitic) and could enhance the support characteristics of the subgrade and allow for a reduction in the aggregate base section. Additional testing should be performed prior to construction to verify that the design parameters can be achieved in the field once final grades have been established. Samples of the field-mixed soil and lime should be collected and tested for a minimum R-value of 40, when tested in accordance with California Test 301. For estimating purposes only, we recommend a minimum spread rate of at least 4½ pounds of quicklime per square foot of mixing depth (at least 12 inches).

Efficient drainage of all surface water to avoid infiltration and saturation of the supporting aggregate base and subgrade soils is important to the performance of pavements. Where drop inlets or other surface drainage features are to be constructed, we strongly recommend that weep holes be provided at the base/subgrade level to allow free drainage of collected water.

Site Drainage

Performance of the building foundations, slab-on-grade floors and exterior flatwork is dependent upon proper control of surface water at the site. Site drainage should be accomplished to provide positive drainage of surface water away from the structures and prevent ponding of water adjacent to foundations. The grades adjacent to structures should be sloped away from foundations at a minimum two percent. We suggest consideration be given to connecting all roof downspouts to solid drainage pipes that convey water away from the structures to available drainage features, or discharging downspouts onto concrete or asphalt surfaces that slope away from structures.

Future Geotechnical Engineering Studies

Prior to final design and the commencement of site grading, a detailed geotechnical investigation of this property must be conducted that includes test borings with soil sampling, laboratory testing and additional engineering evaluation. The final report should present geotechnical engineering conclusions and specific recommendations regarding site preparation, foundation alternates, floor support, site drainage and pavement design. When the project reaches this stage of development, we would be pleased to provide a separate cost estimate for these services.

LIMITATIONS

Our preliminary recommendations are based upon the information provided regarding the proposed project, combined with our analysis of site conditions revealed by the field exploration and laboratory testing programs. We have used our engineering judgment based upon the information provided and the data generated from our investigation. This report has been prepared in substantial compliance with generally accepted geotechnical engineering practices that exist in the area of the project at the time the report was prepared. No warranty, either express or implied, is provided.

We emphasize that this preliminary report is applicable only to the proposed construction and the investigated site and should not be utilized for construction on any other site.

Wallace - Kuhl & Associates

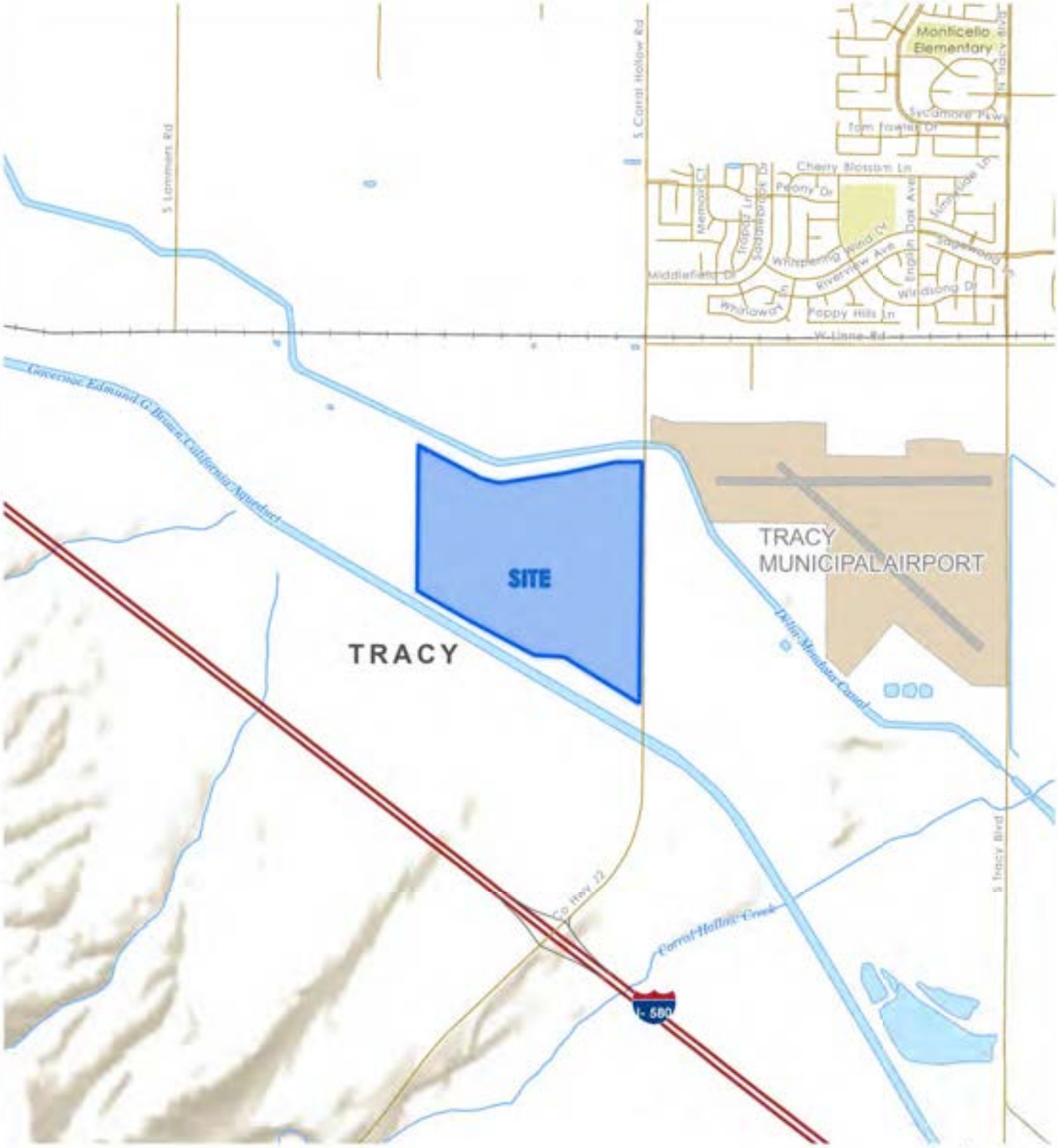
Jesus E. Lopez
Staff Engineer



Tom C. DeSimone
Project Geologist



Mathew S. Moyneur
Senior Engineer



Spatial Data provided by Esri, NOAA, and USGS.
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

WallaceKuhl & ASSOCIATES

VICINITY MAP

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	1
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01



Approximate Soil Boring Location

Approximate Test Pit Location

Approximate Bulk Soil Sample Location

Approximate Infiltration Test Location

Approximate Site Boundary

N

0 300 600

Feet

Aerial imagery provided by Esri.
Projection: NAD 1983 2011 StatePlane California III FIPS 0403 Ft US

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SITE PLAN

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	2
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01

Project: Tracy Hills Logistics Center
Project Location: Tracy, California
WKA Number: 13041.01

LOG OF SOIL BORING D1

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**DMB**	Checked By	**TCD**
Drilling Method	**Solid Flight Auger**	Drilling Contractor	**Taber Drilling**	Total Depth of Drill Hole	**26.5 feet**
Drill Rig Type	**CME 55**	Diameter(s) of Hole, inches	**6"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**2.0" Modified California with 6-inch sleeve**	Drill Hole Backfill	**Neat Cement**
Remarks	**Bulk sample collected at (0'-5') and (10'-15') below existing site grades.**			Driving Method and Drop	**140lb auto. hammer with 30" drop**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, moist, sandy lean CLAY (CL)						
			Brown, moist, dense, sandy GRAVEL (GP) with clay						
	5				D1-1I	31	4	106	
	10		Very dense		D1-2I	74	3	114	
					D1@10-15'				GR 25% fines
	15				D1-3I	50/4"			
	20				D1-4I	79			
	25								
			Brown, moist, dense, clayey fine SAND (SC)		D1-5I	37			
			Boring terminated at approximately 26½ feet below ground surface. Groundwater was not encountered.						

BORING LOG 13041.01 -TRACY HILLS LOGISTICS CENTER - BORINGS.GPJ WKA.GDT 2/23/21 2:22 PM

Wallace Kuhl & Associates

FIGURE 3

Project: Tracy Hills Logistics Center
Project Location: Tracy, California
WKA Number: 13041.01

LOG OF SOIL BORING D2

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**DMB**	Checked By	**TCD**
Drilling Method	**Solid Flight Auger**	Drilling Contractor	**Taber Drilling**	Total Depth of Drill Hole	**26.5 feet**
Drill Rig Type	**CME 55**	Diameter(s) of Hole, inches	**6"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**2.0" Modified California with 6-inch sleeve**	Drill Hole Backfill	**Neat Cement**
Remarks				Driving Method and Drop	**140lb auto. hammer with 30" drop**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, moist, sandy lean CLAY (CL)						
			Brown, moist, very dense, sandy GRAVEL (GP) with clay						
	5				D2-1I	74	4	121	
	10				D2-2I	77			
	15				D2-3I	69			
	20				D2-4I	50/5"			
	25				D2-5I	50/4"			
			Boring terminated at approximately 26½ feet below ground surface. Groundwater was not encountered.						

BORING LOG 13041.01 -TRACY HILLS LOGISTICS CENTER - BORINGS.GPJ WKA.GDT 2/23/21 2:22 PM

Wallace Kuhl & Associates

FIGURE 4

Project: Tracy Hills Logistics Center
Project Location: Tracy, California
WKA Number: 13041.01

LOG OF SOIL BORING D3

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**DMB**	Checked By	**TCD**
Drilling Method	**Solid Flight Auger**	Drilling Contractor	**Taber Drilling**	Total Depth of Drill Hole	**16.5 feet**
Drill Rig Type	**CME 55**	Diameter(s) of Hole, inches	**6"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**2.0" Modified California with 6-inch sleeve**	Drill Hole Backfill	**Neat Cement**
Remarks				Driving Method and Drop	**140lb auto. hammer with 30" drop**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, moist, sandy lean CLAY (CL)						
			Brown, moist, dense, sandy GRAVEL (GP) with clay		D3-1I	58	4	115	
	5		Very dense		D3-2I	50/6"	5	96	
	10				D3-3I	50/6"			
	15				D3-4I	73			
			Boring terminated at approximately 16½ feet below ground surface. Groundwater was not encountered.						

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FIGURE 5

Project: Tracy Hills Logistics Center
Project Location: Tracy, California
WKA Number: 13041.01

LOG OF SOIL BORING D4

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**DMB**	Checked By	**TCD**
Drilling Method	**Solid Flight Auger**	Drilling Contractor	**Taber Drilling**	Total Depth of Drill Hole	**21.5 feet**
Drill Rig Type	**CME 55**	Diameter(s) of Hole, inches	**6"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**2.0" Modified California with 6-inch sleeve**	Drill Hole Backfill	**Neat Cement**
Remarks				Driving Method and Drop	**140lb auto. hammer with 30" drop**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, moist, sandy lean CLAY (CL)						
			Brown, moist, medium dense, sandy GRAVEL (GP) with clay		D4-1I	24			
	5		Very dense		D4-2I	71	3	129	
	10				D4-3I	50/6"			
	15				D4-4I	64			
	20		Dense		D4-5I	43			
			Boring terminated at approximately 21½ feet below ground surface. Groundwater was not encountered.						

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FIGURE 6

Project: Tracy Hills Logistics Center
Project Location: Tracy, California
WKA Number: 13041.01

LOG OF SOIL BORING D5

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**DMB**	Checked By	**TCD**
Drilling Method	**Solid Flight Auger**	Drilling Contractor	**Taber Drilling**	Total Depth of Drill Hole	**16.5 feet**
Drill Rig Type	**CME 55**	Diameter(s) of Hole, inches	**6"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**2.0" Modified California with 6-inch sleeve**	Drill Hole Backfill	**Neat Cement**
Remarks				Driving Method and Drop	**140lb auto. hammer with 30" drop**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Dark brown, moist, sandy lean CLAY (CL)						
			Brown, moist, dense, sandy GRAVEL (GP) with clay		D5-1I	58			
	5		Very dense		D5-2I	86	6	126	
	10				D5-3I	74	4	129	
	15				D5-4I	86			
			Boring terminated at approximately 16½ feet below ground surface. Groundwater was not encountered.						

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FIGURE 7

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP1

Sheet 1 of 1

Date(s) Drilled	**2/4/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks				Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)						
				■	TP1-1I		18	96	
			Light brown, trace gravel, trace fine sand						
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles						
	5			⊠	TP1-2I				
			Gray brown; decreased clay content						
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 8

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP2

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 0'-2' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)						
					TP2@0-2'				EI=37
					TP2-1I		17	102	
			Light brown, trace gravel, trace fine sand						
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles, variably cemented						
	5				TP2-2I				
			Gray brown; decreased clay content						
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 9

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP3

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks				Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL) with sand						
					TP3-1I				
			Light brown; trace gravel, trace cobbles						
					TP3-2I				
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles						
	5		Gray brown; decreased clay content						
					TP3-3I				
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 10

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP4

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**9.5 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 0'-1' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL); trace gravel						
					TP4-1I				
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles, variably cemented						
	5				TP4-2I				
			Gray brown; decreased clay content						
			Maximum explored depth of 9.5 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 11

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP5

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 1½'-3½' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL); trace sand						
					TP5-1I		18	106	
			Light brown, moist, fat CLAY (CH); trace fine sand, trace gravel						
					TP5@1.5-3.5				EI=62 PI=35
					TP5-2I				
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 6 inch cobbles						
	5		Light brown to gray brown; no trace clay						
					TP5-3I				
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 12

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP6

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 3'-10' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)						
				X	TP6-1I				
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles						
	5			X	TP6-2I				
					TP6@3-10'				RV=19 SA 13% fines
			Gray brown; decreased clay content						
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 13

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP7

Sheet 1 of 1

Date(s) Drilled	**2/4/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 0'-2½' and 3'-10' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE NUMBER	NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	DRY UNIT WEIGHT, pcf	ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL); trace sand						
			Light brown, trace gravel		TP7-1I		18	99	
			Brown, moist, sandy GRAVEL (GP); with up to 6 inch cobbles, trace clay, variably cemented						
	5				TP7-2I				
					TP7@3-10'				CR
			Gray brown; no trace clay						
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 14

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP8

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks				Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)		TP8-1I				
			Light brown, moist, sandy GRAVEL (GP); with up to 6 inch cobbles, trace clay						
	5								
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 15

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT TP9

Sheet 1 of 1

Date(s) Drilled	**2/3/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 0'-3' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL) with fine sand						
					TP9-1I TP9@0-3'				EI=22 PI=13 CR
			Light brown, trace gravel						
			Brown, moist, sandy GRAVEL (GP); with up to 5 inch cobbles, trace clay, variably cemented						
	5								
			Gray brown; no trace clay						
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 16

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT I1

Sheet 1 of 1

Date(s) Drilled	**2/4/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks	**Bulk sample collected at 2'-10' below existing site grades.**			Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)						
				X	I1-1I				
			Light brown, trace gravel, trace fine sand						
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles, variably cemented						
	5			X	I1-2I				
			Gray brown; decreased clay content						
	10								
			Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 17

Project: Tracy Hills Logistics Center
Project Location: Tracy, CA
WKA Number: 13041.01

LOG OF TEST PIT I2

Sheet 1 of 1

Date(s) Drilled	**2/4/21**	Logged By	**JEL**	Checked By	**TSD**
Drilling Method	**Caterpillar 307E2**	Drilling Contractor	**Ron Tilford Backhoe, Inc.**	Total Depth of Drill Hole	**10.0 feet**
Drill Rig Type	**N/A**	Diameter(s) of Hole, inches	**24"**	Approx. Surface Elevation, ft MSL	
Groundwater Depth [Elevation], feet	**N/A**	Sampling Method(s)	**Open drive sampler with 8-inch sleeve**	Drill Hole Backfill	**Compacted Soil**
Remarks				Driving Method and Drop	**Slide Hammer**

ELEVATION, feet	DEPTH, feet	GRAPHIC LOG	ENGINEERING CLASSIFICATION AND DESCRIPTION	SAMPLE DATA: SAMPLE	SAMPLE DATA: SAMPLE NUMBER	SAMPLE DATA: NUMBER OF BLOWS	TEST DATA: MOISTURE CONTENT, %	TEST DATA: DRY UNIT WEIGHT, pcf	TEST DATA: ADDITIONAL TESTS
			Brown, moist, lean CLAY (CL)						
				X	I2-1I				
			Light brown, trace gravel, trace fine sand						
			Brown, moist, sandy GRAVEL (GP) with clay; with up to 5 inch cobbles, variably cemented						
	5								
			Gray brown; decreased clay content	X	I2-2I				
	10		Maximum explored depth of 10 feet below existing site grade. Groundwater was not encountered.						

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FIGURE 18

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D2487)

MAJOR DIVISIONS		USCS[4]	CODE	CHARACTERISTICS
COARSE GRAINED SOILS (More than 50% of soil > no. 200 sieve size)	GRAVELS[1] (More than 50% of coarse fraction > no. 4 sieve size)	GW		Well-graded gravels or gravel - sand mixtures, trace or no fines
		GP		Poorly graded gravels or gravel - sand mixtures, trace or no fines
		GM		Silty gravels, gravel - sand - silt mixtures, containing little to some fines[2]
		GC		Clayey gravels, gravel - sand - clay mixtures, containing little to some fines[2]
	SANDS[1] (50% or more of coarse fraction < no. 4 sieve size)	SW		Well-graded sands or sand - gravel mixtures, trace or no fines
		SP		Poorly graded sands or sand - gravel mixtures, trace or no fines
		SM		Silty sands, sand - gravel - silt mixtures, containing little to some fines[2]
		SC		Clayey sands, sand - gravel - clay mixtures, containing little to some fines[2]
FINE GRAINED SOILS (50% or more of soil < no. 200 sieve size)	SILTS & CLAYS LL < 50	ML		Inorganic silts, gravely silts, and sandy silts that are non-plastic or with low plasticity
		CL		Inorganic lean clays, gravelly lean clays, sandy lean clays of low to medium plasticity[3]
		OL		Organic silts, organic lean clays, and organic silty clays
	SILTS & CLAYS LL ≥ 50	MH		Inorganic elastic silts, gravelly elastic silts, and sandy elastic silts
		CH		Inorganic fat clays, gravelly fat clays, sandy fat clays of medium to high plasticity
		OH		Organic fat clays, gravelly fat clays, sandy fat clays of medium to high plasticity
HIGHLY ORGANIC SOILS		PT		Peat
ROCK		RX		Rocks, weathered to fresh
FILL		FILL		Artificially placed fill material

OTHER SYMBOLS

= Drive Sample: 2-1/2" O.D. Modified California sampler

= Drive Sampler: no recovery

= SPT Sampler

= Initial Water Level

= Final Water Level

= Estimated or gradational material change line

= Observed material change line

Laboratory Tests

CR = Corrosion
PI = Plasticity Index
EI = Expansion Index
UCC = Unconfined Compression Test (TSF)
TR = Triaxial Compression Test
GR = Gradational Analysis (Sieve/Hydro)
FC = Wash (Fines Content)
PP = Pocket Penetrometer Test (TSF)
PID = Photo Ionization Detector Test (PPM)
RV = Resistance ("R") Value

REF = Refusal (>50 blows in 6 inches)

GRAIN SIZE CLASSIFICATION

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS (b)	Above 12"	Above 300
COBBLES (c)	12" to 3"	300 to 75
GRAVEL (g)	3" to No. 4	75 to 4.75
coarse	3" to 3/4"	75 to 19
fine	3/4" to No. 4	19 to 4.75
SAND	No. 4 to No. 200	4.75 to 0.075
coarse	No. 4 to No. 10	4.75 to 2.00
medium	No. 10 to No. 40	2.00 to 0.425
fine	No. 40 to No. 200	0.425 to 0.075
SILT & CLAY	Below No. 200	Below 0.075

Trace - Less than 5 percent
Few - 5 to 10 percent
Little - 15 to 25 percent
Some - 35 to 45 percent
Mostly - 50 to 100 percent

* Percents as given in ASTM D2488

NOTES:

1. Coarse grained soils containing 5% to 12% fines, use dual classification symbol (ex. SP-SM).
2. If fines classify as CL-ML (4<PI<7), use dual symbol (ex. SC-SM).
3. Silty Clays, use dual symbol (CL-ML).
4. Borderline soils with uncertain classification list both classifications (ex. CL/ML).

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UNIFIED SOIL CLASSIFICATION SYSTEM

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	19
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01

APPENDIX A

General Project Information, Laboratory Testing and Results

APPENDIX A
WKA No. 13041.01

A. GENERAL INFORMATION

The performance of a preliminary geotechnical engineering study for the proposed warehouse development to be constructed at 25952 South Corral Hollow Road in Tracy, California was authorized by Mr. Steve Arthur on February 1, 2021. Authorization was for a study as described in our proposal letter dated June 30, 2020 and revised November 17, 2020, sent to our client Ridgeline Property Group, LLC, whose mailing address is 915 High Pointe Drive, Roseville, California, 95678; telephone (916) 284-3245.

The project architect is HPA Architecture, whose mailing address is 383 4th Street, Suite 101, in Oakland, California, 94607; telephone (949) 863-1770. The project Civil Engineer is Kier & Wright, whose mailing address is 2850 Collier Canyon Road, in Livermore, CA 94551; telephone (925) 245-8788.

In preparing this report we referenced a December 21, 2020 *Conceptual Color Site Plan - Scheme 18* of the Tracy Hills Commerce Center prepared by HPA Architecture.

B. FIELD EXPLORATION

Five borings were drilled on February 3, 2021 utilizing a CME-55 track-mounted drilling rig equipped with six-inch diameter solid helical augers. Nine test pits were performed on February 3 and 4, 2021 using a Caterpillar 307E2 excavator equipped with a 24-inch-wide bucket and compaction wheel. Two additional test pits were excavated for infiltration testing on February 4, 2021. The borings and test pits were completed at the approximate locations indicated on Figure 2 to depths of approximately 9½ to 26½ feet below existing grades.

At various intervals, relatively undisturbed soil samples were recovered with a 2½-inch outside diameter, 2-inch inside diameter, modified California sampler (ASTM D3550) driven by an automatic 140-pound hammer freely falling 30 inches (borings), or by a ten-pound hand sampler (hand augers and test pits) with a 10-pound slide hammer falling 18 inches. The number of blows of the 140-pound hammer required to drive the 18-inch long sampler each 6-inch interval was recorded. The sum of the blows required to drive the sampler in the lower 12-inch interval is designated the penetration resistance or "blow count" for that particular drive. The actual blow counts recorded with the sampler are presented on the boring logs.

The samples obtained with the modified California sampler were retained in 2-inch diameter by 6-inch long, thin-walled brass tubes contained within the sampler. Immediately after recovery, the field engineer visually classified the soil in the tubes and the ends of the tubes were sealed to preserve the natural moisture contents.

Bulk samples of the surface and near-surface materials also were obtained at various locations and depths. The soil samples were submitted to our laboratory for additional classification (ASTM D2488) and selection of samples for testing. The Logs of Soil Borings (Figures 3 through 7) and Logs of Test Pits (Figures 8 through 18) contain descriptions of the soils encountered in each boring. A Legend explaining the Unified Soil Classification System and the symbols used on the logs is contained on Figure 19.

C. LABORATORY TESTING

Selected undisturbed samples of the soils were tested to determine dry unit weight (ASTM D2937) and natural moisture content (ASTM D2216). The results of these tests are included on the boring logs at the depth each sample was obtained.

Three samples of the near-surface soils were also tested to determine the Expansion Index (ASTM D4829) with results presented in Figures A1 through A3.

Two samples of soil were subject to testing to determine the Atterberg Limits (ASTM D4318). The results of these tests are presented in Figure A4.

Two bulk samples of anticipated pavement subgrade soil were subjected to Resistance-value ("R-value") testing in accordance with California Test 301. The results of the R-value tests, which were used in the pavement design, are presented on Figure A5.

Two sieve analysis/grain size tests were performed on near-surface soil further evaluate soil type (ASTM D422). The results of the sieve analysis/grain size tests are presented in Figure A11.

Two samples of the near-surface soils were submitted to Sunland Analytical of Rancho Cordova, California for corrosivity testing in accordance with California Test (CT) 643, CT 422 and CT 417. A copy of the analytical results is presented on Figures A6 through A10.

EXPANSION INDEX TEST RESULTS

ASTM D4829

MATERIAL DESCRIPTION: Light brown, lean clay with sand

LOCATION: TP2

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index
0' - 2'	9.5	18.2	113	**37**

CLASSIFICATION OF EXPANSIVE SOIL *

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	**Low**
51 - 90	Medium
91 - 130	High
Above 130	Very High

* From ASTM D4829, Table 1

WallaceKuhl & ASSOCIATES

EXPANSION INDEX

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A1
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021

WKA NO. 13041.01

EXPANSION INDEX TEST RESULTS

ASTM D4829

MATERIAL DESCRIPTION: Light brown, fat clay with sand

LOCATION: TP5

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index
1.5' - 3.5'	10.7	23.9	106	**62**

CLASSIFICATION OF EXPANSIVE SOIL *

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	Low
51 - 90	**Medium**
91 - 130	High
Above 130	Very High

* From ASTM D4829, Table 1

WallaceKuhl & ASSOCIATES

EXPANSION INDEX

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A2
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021

WKA NO. 13041.01

EXPANSION INDEX TEST RESULTS

ASTM D4829

MATERIAL DESCRIPTION: Brown, lean clay with sand

LOCATION: TP9

Sample Depth	Pre-Test Moisture (%)	Post-Test Moisture (%)	Dry Density (pcf)	Expansion Index
0' - 3'	9.0	16.9	113	**22**

CLASSIFICATION OF EXPANSIVE SOIL *

EXPANSION INDEX	POTENTIAL EXPANSION
0 - 20	Very Low
21 - 50	**Low**
51 - 90	Medium
91 - 130	High
Above 130	Very High

* From ASTM D4829, Table 1

WallaceKuhl & ASSOCIATES

EXPANSION INDEX

TRACY HILLS LOGISTICS PARK

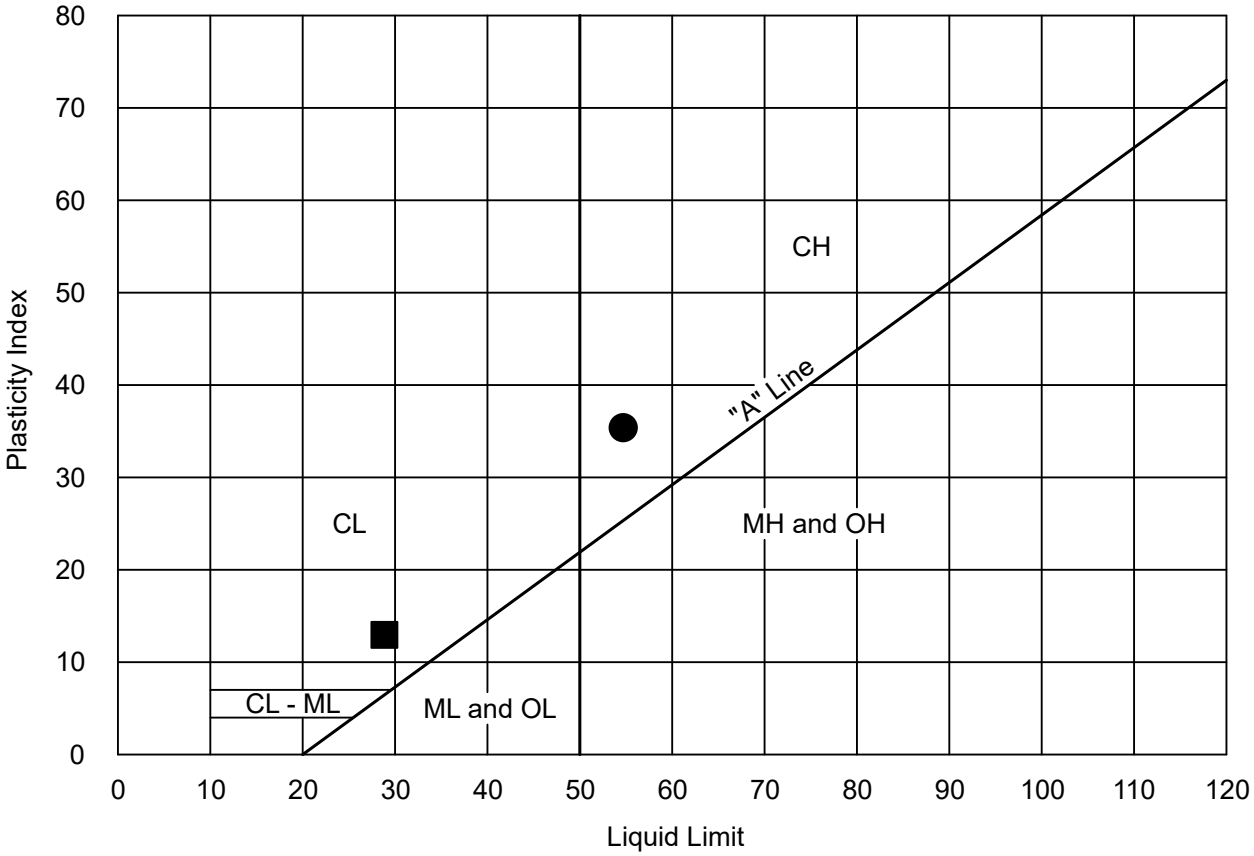
Tracy, California

FIGURE	A3
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021

WKA NO. 13041.01

ATTERBERG LIMITS

ASTM D4318



KEY SYMBOL	LOCATION	SAMPLE DEPTH	NATURAL WATER CONTENT (%)	ATTERBERG LIMITS		PASSING No. 200 SIEVE (%)	UNIFIED SOIL CLASSIFI-CATION SYMBOL
				LIQUID LIMIT (%)	PLASTICITY INDEX (%)		
●	TP5	1.5'-3.5'	---	54	35	---	CH
■	TP9	0'-3.0'	---	29	13	---	CL

WallaceKuhl & ASSOCIATES

ATTERBERG LIMITS

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A4
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01

RESISTANCE VALUE TEST RESULTS

(California Test 301)

MATERIAL DESCRIPTION: Brown, lean clay with sand

LOCATION: B2 (0' - 2')

Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion (dial, inches x 1000)	Expansion (psf)	R Value
1	121	11.9	267	0	0	8
2	124	11.0	400	1	4	18
3	122	11.3	335	0	0	13

R-Value at 300 psi exudation pressure = 10

MATERIAL DESCRIPTION: Brown, clayey sandy gravel

LOCATION: TP6 (3' - 10')

Specimen No.	Dry Unit Weight (pcf)	Moisture @ Compaction (%)	Exudation Pressure (psi)	Expansion (dial, inches x 1000)	Expansion (psf)	R Value
1	137	7.2	407	2	9	25
2	135	7.9	228	0	0	10
3	135	7.5	295	0	0	18

R-Value at 300 psi exudation pressure = 19

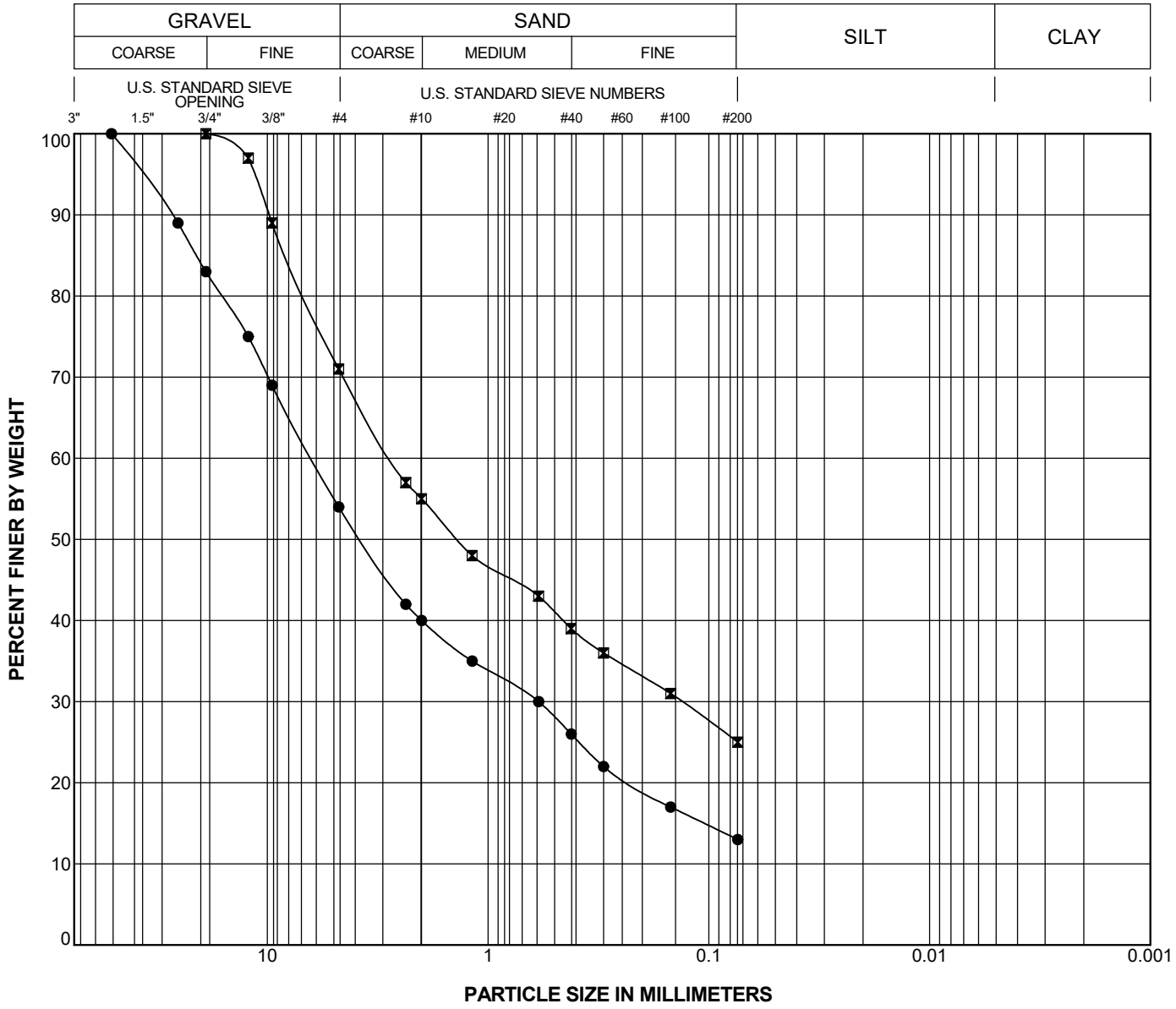
WallaceKuhl & ASSOCIATES

RESISTANCE VALUE TEST RESULTS

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A5
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01



Boring Number	Sample Number	USCS	Depth (feet)	Symbol	LL	PI	Classification
D1	TP6@3-10'	GP	3.0	●			Brown sandy gravel with clay
D1	D1@10-15'	GP	10.0	⊠			Brown sandy gravel with clay

PARTICLE SIZE DISTRIBUTION

Project: Tracy Hills Logistics Center
WKA No. 13041.01

FIGURE A6

Wallace Kuhl & Associates

GRAIN SIZE 13041.01 - TRACY HILLS LOGISTICS CENTER - BORINGS.GPJ WKA.GDT 2/23/21 2:20 PM

Sunland Analytical
11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 02/17/2021
Date Submitted 02/10/2021

To: Jesus Lopez
Wallace-Kuhl & Assoc.
3050 Industrial Blvd
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : WKA #13041.01 Site ID : TP 7 (3-10).
Thank you for your business.

* For future reference to this analysis please use SUN # 84011-175162.

EVALUATION FOR SOIL CORROSION

Soil pH	6.99	
Minimum Resistivity	0.86 ohm-cm (x1000)	
Chloride	45.9 ppm	00.00459 %
Sulfate	175.2 ppm	00.01752 %

METHODS
pH and Min.Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422m

WallaceKuhl & ASSOCIATES

CORROSION TEST RESULTS

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A7
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01

Sunland Analytical
11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 02/17/2021
Date Submitted 02/10/2021

To: Jesus Lopez
Wallace-Kuhl & Assoc.
3050 Industrial Blvd
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : WKA #13041.01 Site ID : TP 7 (3-10).
Thank you for your business.

* For future reference to this analysis please use SUN # 84011-175163.

Extractable Sulfate in Water

Type of TEST	Result	Units
Sulfate-SO4	160.2	mg/kg

METHODS
ASTM D-516m from sat.paste extract-reported based on dry wt.

WallaceKuhl & ASSOCIATES	**CORROSION TEST RESULTS** TRACY HILLS LOGISTICS PARK Tracy, California	FIGURE A8 DRAWN BY RWO CHECKED BY JEL PROJECT MGR TCD DATE 02/2021 WKA NO. 13041.01

Sunland Analytical

11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 02/17/2021
Date Submitted 02/10/2021

To: Jesus Lopez
Wallace-Kuhl & Assoc.
3050 Industrial Blvd
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : WKA #13041.01 Site ID : TP 9 (0-3).
Thank you for your business.

* For future reference to this analysis please use SUN # 84011-175164.

EVALUATION FOR SOIL CORROSION

Soil pH	6.46	
Minimum Resistivity	0.46 ohm-cm (x1000)	
Chloride	153.5 ppm	00.01535 %
Sulfate	458.2 ppm	00.04582 %

METHODS
pH and Min.Resistivity CA DOT Test #643
Sulfate CA DOT Test #417, Chloride CA DOT Test #422m

WallaceKuhl & ASSOCIATES

CORROSION TEST RESULTS

TRACY HILLS LOGISTICS PARK

Tracy, California

FIGURE	A9
DRAWN BY	RWO
CHECKED BY	JEL
PROJECT MGR	TCD
DATE	02/2021
WKA NO.	13041.01

Sunland Analytical
11419 Sunrise Gold Circle, #10
Rancho Cordova, CA 95742
(916) 852-8557

Date Reported 02/17/2021
Date Submitted 02/10/2021

To: Jesus Lopez
Wallace-Kuhl & Assoc.
3050 Industrial Blvd
West Sacramento, CA 95691

From: Gene Oliphant, Ph.D. \ Randy Horney
General Manager \ Lab Manager

The reported analysis was requested for the following location:
Location : WKA #13041.01 Site ID : TP 9 (0-3).
Thank you for your business.

* For future reference to this analysis please use SUN # 84011-175165.

Extractable Sulfate in Water

Type of TEST	Result	Units
Sulfate-SO4	431.8	mg/kg

METHODS
ASTM D-516m from sat.paste extract-reported based on dry wt.

WallaceKuhl & ASSOCIATES	**CORROSION TEST RESULTS** TRACY HILLS LOGISTICS PARK Tracy, California	FIGURE A10 DRAWN BY RWO CHECKED BY JEL PROJECT MGR TCD DATE 02/2021 WKA NO. 13041.01

APPENDIX B
Color Photographs



TP - 1



TP - 2

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1a
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	



TP - 3



TP - 4

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1b
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	



TP - 5



TP - 6

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1c
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	



TP - 7



TP - 8

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1d
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	



TP - 9

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1e
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	



TP – I1



TP - I2

COLOR PHOTOGRAPHS
Test Pits and Infiltration Test Holes
TRACY HILLS LOGISTICS CENTER
Tracy, California

FIGURE	1f
DRAWN BY	JEL
CHECKED BY	TCD
PROJECT MGR	MSM
DATE	2/2021
WKA NO. 13041.01	

Attachment C: ALUC Comment Letter

SAN JOAQUIN COUNCIL OF GOVERNMENTS

555 E. Weber Avenue • Stockton, California 95202 • P 209.235.0600 • F 209.235.0438 • www.sjcog.org

RECEIVED
January 10, 2022
City of Tracy
Development Services

January 10, 2022

Planning Admin
Development Services Department
333 Civic Center Plaza
Tracy, CA 95376

Sol Jobrack
CHAIR
Leo Zuber
VICE CHAIR
Diane Nguyen
EXECUTIVE DIRECTOR
Member Agencies
CITIES OF ESCALON, LATHROP, LODI, MANTECA, RIPON, STOCKTON, TRACY, AND THE COUNTY OF SAN JOAQUIN

Re: MS21-0004, SPA21-0004, D21-0012

Dear Planning Admin,

The San Joaquin Council of Governments (SJCOG), acting as the Airport Land Use Commission (ALUC), has reviewed seven (7) Class "A", modern light industrial buildings ranging from 110,500 sf to 315,100 sf, totaling 1.69 million sf situated on a 97.45-acre portion of the referenced property. This project includes Tentative Parcel Map, Specific Plan Amendment, and Development Review applications.

AIRPORT LAND USE COMMISSION'S REVIEW

This project is in the Tracy Municipal Airport Zones 2, 3, 4 and the Traffic Pattern Zone.

SJCOG, as ALUC, finds that this project is compatible with the 2018 San Joaquin County Airport Land Use Compatibility Plan (ALUCP) (https://www.sjcog.org/ALUC).

SJCOG would like to provide standards and project design conditions that comply with the Airport Land Use Compatibility Plan as a reference guide. *Note: Jurisdictions determine if the following standards and conditions apply to this project.*

1. New land uses that may cause visual, electronic, or increased bird strike hazards to aircraft in flight shall not be permitted within any airport's influence area. Specific characteristics to be avoided include:
    a. Glare or distracting lights which could be mistaken for airport lights. Reflective materials are not permitted to be used in structures or signs (excluding traffic directing signs).
    b. Sources of dust, steam, or smoke which may impair pilot visibility.
    c. Sources of electrical interference with aircraft communications or navigation. No transmissions which would interfere with aircraft radio communications or navigational signals are permitted.
    d. Occupied structures must be soundproofed to reduce interior noise to 45 decibel (dB) according to State guidelines.
    e. Within the airport's influence area, ALUC review is required for any proposed object taller than 100 feet above ground level (AGL).

d. Occupied structures must be soundproofed to reduce interior noise to 45 decibel (dB) according to State guidelines.
e. Within the airport's influence area, ALUC review is required for any proposed object taller than 100 feet above ground level (AGL).

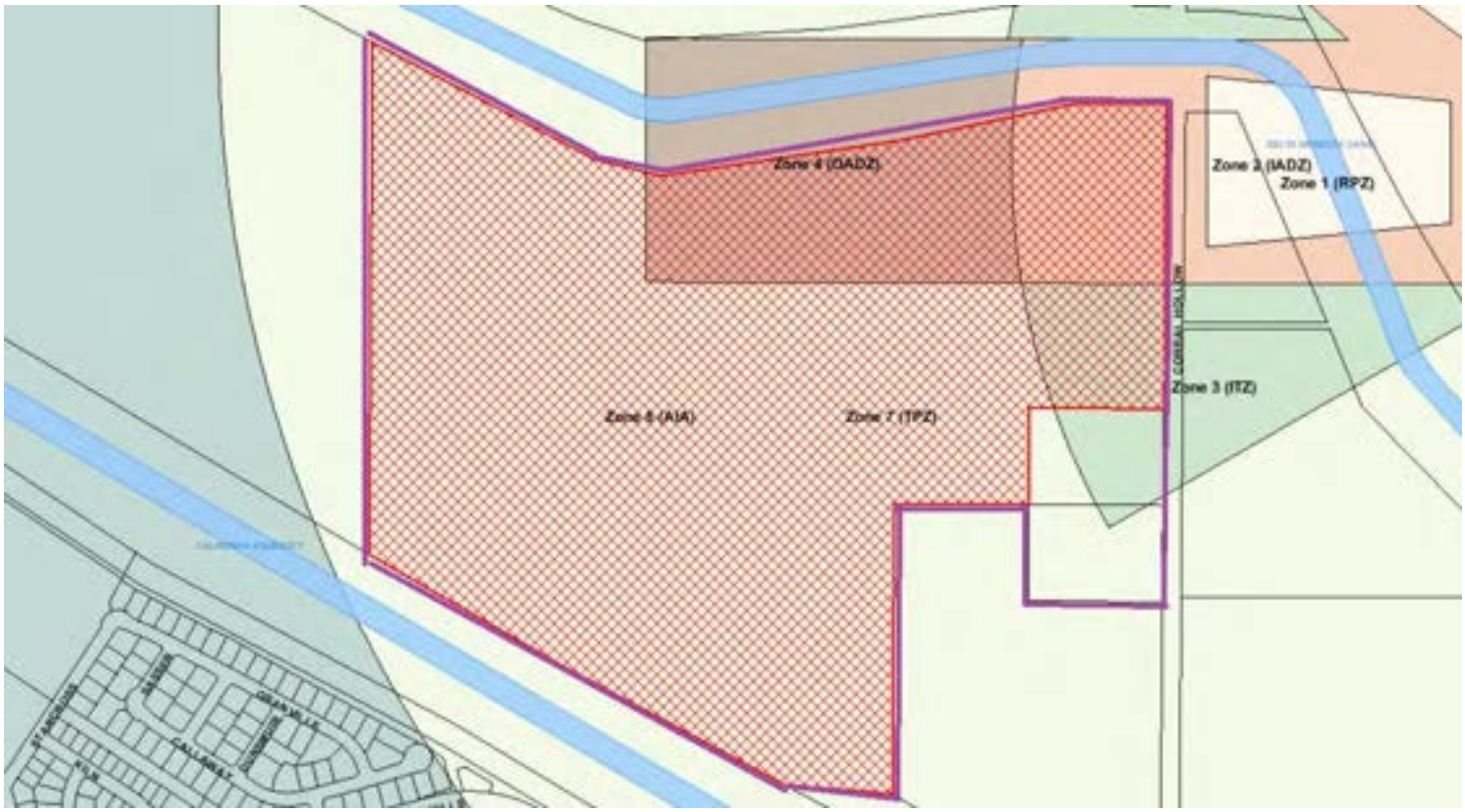
2. Regardless of location within San Joaquin County, ALUC review is required in addition to Federal Aviation Administration (FAA) notification in accordance with Code of Federal Regulations, Part 77, https://www.ecfr.gov/cgi-bin/text-idx?SID=42d487411c933cc19a992a86b2a88e01&mc=true&node=pt14.2.77&rgn=div5 (https://oeaaa.faa.gov/oeaaa/external/portal.jsp) for any proposal for construction or alteration under the following conditions:
    a. If requested by the FAA.
    b. Any construction or alteration that is more than 200 ft. AGL at its site.
    c. Any construction or alteration that exceeds an imaginary surface extending outward and upward at any of the following slopes:
        i. 100 to 1 for a horizontal distance of 20,000 ft. of a public use or military airport from any point on the runway of each airport with its longest runway more than 3,200 ft.
        ii. 50 to 1 for a horizontal distance of 10,000 ft. of a public use or military airport from any point on the runway of each airport with its longest runway no more than 3,200 ft.
        iii. 25 to 1 for a horizontal distance of 5,000 ft. of the nearest take-off and landing area of a public use heliport
    d. Any highway, railroad or other traverse way whose prescribed adjusted height would exceed the above noted standards
    e. Any construction or alteration located on a public use airport or heliport regardless of height or location.

Thank you again for the opportunity to comment. Please contact ALUC staff Isaiah Anderson (209-235-0452 or ianderson@sjcog.org) if you have any questions or comments.

Sincerely,

Timothy Kohaya

Timothy Kohaya
Senior Regional Planner


Zone 4 (OADZ)
Zone 2 (IADZ)
Zone 1 (RPZ)
Zone 3 (ITZ)
Zone 6 (AIA)
Zone 7 (TPZ)
CORELLA HOLLOW
GRANVILLE
CALLISTA

Attachment D: Transportation Trip Generation Consistency Memo

Kimley»Horn

MEMORANDUM

From: Frederik Venter, Kimley-Horn and Associates

To: Scott Claar, City of Tracy

Date: June 25th, 2021 (*Revised January 4, 2022)*

Re: **Tracy Hills Commerce Center – Draft Transportation Trip Generation Consistency Analysis**

The purpose of this memorandum is to indicate the consistency of the proposed Tracy Hills Commerce Center with the traffic assumptions and supporting analysis in the previously certified Tracy Hills Supplemental Environmental Impact Report (THSP SEIR). ***The phasing of this project as the specific plan builds out was not analyzed in the EIR. Subsequently, roadway network improvements consistent with specific plan buildout EIR conditions may have to be implemented.***

1. Introduction

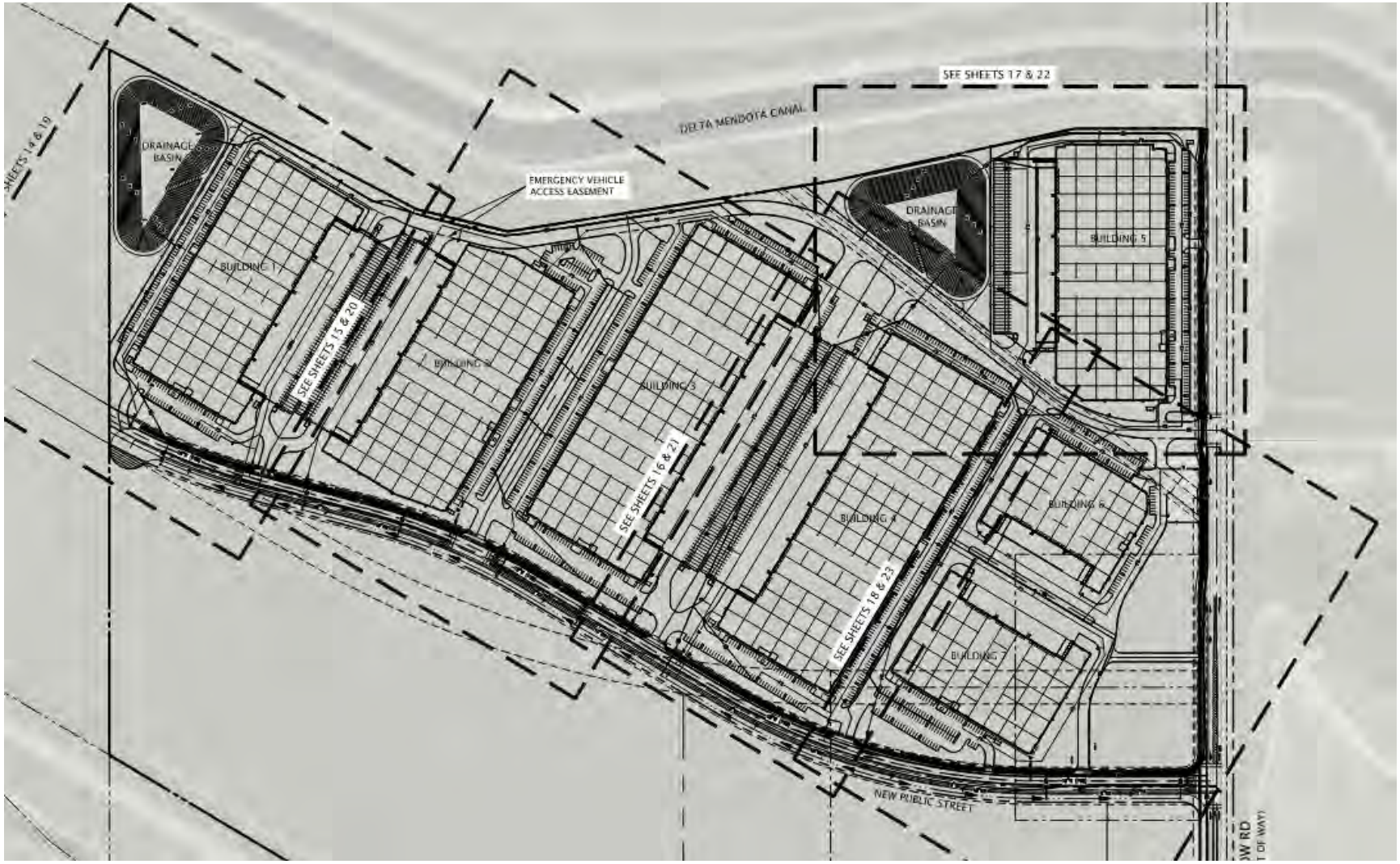
The following are the proposed Project industrial buildings for this analysis:

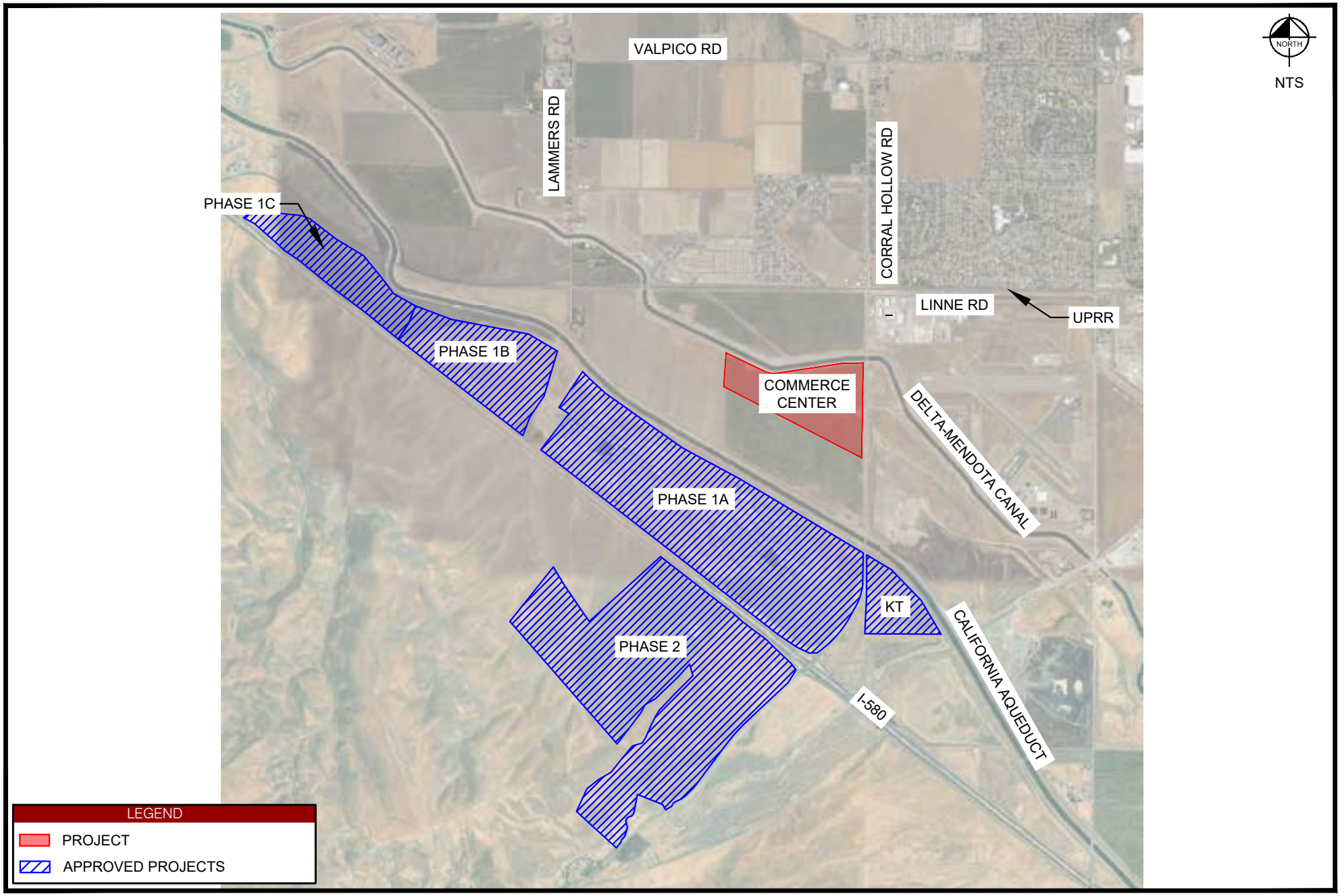
- Building 1 – 233,313 SF
- Building 2 – 274,405 SF
- Building 3 – 355,116 SF
- Building 4 – 350,896 SF
- Building 5 – 248,328 SF
- Building 6 – 117,907 SF
- Building 7 – 150,065 SF

The Project is located within the Tracy Hills Specific Plan (THSP) Area for which the THSP SEIR was certified. Following certification of the THSP SEIR, the THSP is proposed to develop in various phases, and this memorandum analyzes the Project's consistency with the THSP SEIR.

The site plan for these buildings are provided in the **Appendix** of this report. **Figure 2** shows an overview of the THSP area with the previously approved developments and proposed Project buildings shown.

Figure 1: Tracy Hills Commerce Center





Kimley»Horn

Figure 2

Project Vicinity Map & Study Intersections

January 2022

THSP Commerce Center

2. Trip Generation

A trip generation comparison between the EIR Buildout trips and the accumulation of existing, approved and Project trips was completed. The Project is anticipated to generate 295 AM peak hour trips and 571 PM peak hour trips. The approved projects plus the Project are anticipated to generate 2,349 AM peak hour trips and 4,490 PM peak hour trips.

Table 1 shows the approved and estimated Project trip generation with a comparison to the THSP SEIR trip generation.

The approved projects plus Project trip generation is less than the Tracy Hills SEIR Buildout trip generation. With the addition of the THSP Commerce Center, the cumulative trip generation, and potential impacts for all the approved and built projects in Tracy Hills would continue to be encompassed within the impacts disclosed under buildout of the THSP SEIR.

A check was also completed to confirm that the Project's trips per gross acre are in line with the THSP SEIR assumptions. Given that the SEIR trip rates are used for this analysis and that the floor area ratio (FAR) is less than SEIR assumptions (0.44 FAR for the Project versus 0.5 FAR for Other (Industrial/Warehousing) land uses per the SEIR and TMP), it can be concluded that the Project's trip generation is in accordance with SEIR assumptions.

3. Mitigation Measures

Trip generation in the was then compared to Mitigation measures provided in Table 4.13-68 of the THSP EIR. These mitigation measures are shown in **Table 2**.

Table 1 – THSP Trip Generation

Land Use[1]	ITE Land Use Code	Project Size		AM Peak Hour	PM Peak Hour
TMP Other (Industrial)	Model	-	EMP	0.17	0.33
Low/Mid Density Residential & Residential Estate	Model	-	DU	0.55	1.05
THSP Buildout[4]					
Low/Mid Density Residential & Residential Estate		6,461	DU	3,554	6,784
High Density Residential		125	DU	39	74
Retail		919	EMP	1,746	3,180
Office		701	EMP	154	295
Other (Industrial/Warehousing)		3,889	EMP	661	1,283
School[2,3]					
THSP Buildout Total				**6,154**	**11,616**
Approved Tentative Map Projects					
Low/Mid Density Residential & Residential Estate					
Phase 1A		1,137	DU	625	1,194
Village 6B		66	DU	36	69
KT		214	DU	118	225
Phase 1B		430	DU	237	452
Phase 1C		369	DU	203	387
Phase 2		1,517	DU	835	1,592
Total		**3,733**	**DU**	**2,054**	**3,919**
High Density Residential		**0**	**DU**	**0**	**0**
Retail		**0**	**EMP**	**0**	**0**
Office		**0**	**EMP**	**0**	**0**
Other (Industrial/Warehousing)		**0**	**EMP**	**0**	**0**
Approved Tentative Map Projects Total				**2,054**	**3,919**
Tracy Hills Commerce Center[5]					
Building 1		233	EMP	40	77
Building 2		274	EMP	47	90
Building 3		355	EMP	60	117
Building 4		351	EMP	60	116
Building 5		248	EMP	42	82
Building 6		118	EMP	20	39
Building 7		150	EMP	26	50
Tracy Hills Commerce Center Total		**1,729**	**EMP**	**295**	**571**
Approved TM Projects + Tracy Hills Commerce Center					
Low/Mid Density Residential & Residential Estate		3,733	DU	2,054	3,919
High Density Residential		0	DU	0	0
Retail		0	EMP	0	0
Office		0	EMP	0	0
Other (Industrial/Warehousing)		1,729	EMP	295	571
Approved TM Projects + Tracy Hills Commerce Center Total				**2,349**	**4,490**

Notes:

1. Trip generation rates and Original Approved Specific Plan Buildout trips taken from the Tracy Hills Specific Plan Recirculated Draft Subsequent Environmental Impact Report, October, 2015
2. The EIR used 0.48 for the AM peak hour school trip generation rate calculations instead of the 0.45 that was listed.
3. Per the THSP SEIR, school trips have an assumed one-hundred percent internal capture rate and were not used for the analysis.
4. The latest THSP Buildout trip generation are taken from Kimley-Horn's Tracy Hills Specific Plan Amendment for Phase 1B and 1C – Transportation Consistency Analysis Memorandum dated October 1, 2020.
5. Tracy Hills Commerce Center is classified as Other (Industrial/Warehousing) land use. Employee estimates are based on 1 employee/1,000 square feet from THSP and TMP.

Source: Kimley-Horn, January 2022

Kimley»Horn

Table 2 – THSP SEIR Mitigation Measures

Mitigation #	Mitigation[1]	Trigger	Previously Triggered/Triggered By Project/Not Triggered	Mitigation Measure Status
All Scenarios				
4.13-1a	Transit	Each tentative map approval		
4.13-1b	Transit	At issuance of each building permit		
4.13-2	Bicycle and Pedestrian	At issuance of each building permit and final map approval		
4.13-4b	***TDM***	***TDM Action Plan: 100 Employees***	***Triggered by Project***	
		Park-and-Ride: When Lammers Interchange is constructed. Applicant may pay fund up front	Not Triggered	
Tracy - Existing Plus Project 2035				
4.13-5a	Intersection #1: Corral Hollow Road / I-580 EB Ramps	2,588 AM peak hour trips	Not Triggered	DEER process has been started
	Intersection #2: Corral Hollow Road / I-580 WB Ramps	2,588 AM peak hour trips	Not Triggered	DEER process has been started
	Intersection #3: Corral Hollow Road / Spine Road	First building permit	Previously Triggered	Signalized intersection constructed
	Intersection #4: Corral Hollow Road / Linne Road	469 AM peak hour trips	Previously Triggered	Signalized intersection is currently being designed
	Intersection #5: Tracy Boulevard / Linne Road	***469 AM peak hour trips***	***Previously Triggered***	***Design process has not been started***
	Intersection #7: Corral Hollow Road / Valpico Road	First building permit	Previously Triggered	Signalized intersection is currently being designed
	Intersection #9: Corral Hollow Road / New Schulte Road	***First building permit***	***Previously Triggered***	***Design process has not been started (Mitigation responsibility is with City of Tracy)***
	Intersection #10: Lammers Road / Old Schulte Road	First building permit	Previously Triggered	Signal and NBL constructed
	Intersection #23: Internal Intersection on S. Tracy Hills Road	At issuance of the first building permit for VTM and development of this area of the project	Previously Triggered	Constructed
4.13-5b	Corral Hollow Road b/w S. Tracy Hills and Golden Leaf Lane and Lammers Road between I-580 and Kimball High School	2,588 AM peak hour trips	Not Triggered	
Tracy - Existing Plus Project Buildout				
4.13-6a	Intersection #1: Corral Hollow Road / I-580 EB Ramps	2,588 AM peak hour trips	Not Triggered	
	Intersection #2: Corral Hollow Road / I-580 WB Ramps	2,588 AM peak hour trips	Not Triggered	
4.13-6b	All impacted Roadways	2,588 AM peak hour trips	Not Triggered	

Table 2 (Cont.) – THSP SEIR Mitigation Measures

Mitigation #	Mitigation[1]	Trigger	Previously Triggered/Triggered By Project/Not Triggered	Mitigation Measure Status
Tracy - Cumulative Plus Project 2035				
4.13-7a	***Intersection #35: Linne Road / MacArthur Drive***	***First building permit***	***Previously Triggered***	***Design process has not been started***
4.13-7b	All impacted roadways	Pay all applicable fee at issuance of each building permit		
Tracy - Cumulative Plus Project Buildout				
4.13-8b	All Impacted Roadways	Pay all applicable fees at Issuance of Each Building Permit/ Final Map Approval		
4.13-8c	Caltrans Freeway	Pay all applicable fees at Issuance of Each Building Permit/ Final Map Approval		
4.13-8d	Site Specific Roadways	Pay all applicable fees at Issuance of Each Building Permit/ Final Map Approval		
Livermore - Existing Plus Project Buildout				
4.13-9a	Intersection #L1: Greenville Road / Patterson Pass Road	Pay all applicable fee at issuance of each building permit		
	Intersection #L.2: Greenville Road / Tesla Road			
	Intersection #L.3: Concannon Boulevard / Livermore Avenue			
	Intersection #L5: Isabel Avenue / Vallecitos Road			
4.13-9b	All Impacted Roadways			
4.13-9c	All Impacted Freeways			
Livermore – Cumulative 2040 Plus Project Buildout				
4.13-10a	Intersection #L1: Greenville Road / Patterson Pass Road	Pay all applicable fee at issuance of each building permit		
	Intersection #L.2: Greenville Road / Tesla Road			
	Intersection #L4: Isabel Avenue/Concannon Boulevard			
4.13-10b	All Impacted Roadways			
4.13-10c	All Impacted Freeways			
Tracy & Livermore - Existing Plus Project Phase 1A				
4.13-14a	Intersection #1: Corral Hollow Road / I-580 EB Ramps	AWSC at 196 / Signal at 832 PM peak hour trips	Previously Triggered	DEER process has been started
	Intersection #3: Corral Hollow Road / Spine Road	First occupancy permit	Previously Triggered	Signalized intersection constructed
	Intersection #4: Corral Hollow Road / Linne Road	396 PM peak hour trips	Previously Triggered	Signalized intersection is currently being designed
	Intersection #5: Tracy Blvd / Linne Road	469 PM peak hour trips	Previously Triggered	Turn lanes constructed
4.13-14b	Corral Hollow Road b/w I-580 and Linne Road	First building permit	Previously Triggered	Intersection upgrades in progress
4.13-14d	THSP Phase 1a Roadway Surrounding School	First building permit	Previously Triggered	Construction in progress

Table 2 (Cont.) – THSP SEIR Mitigation Measures

Mitigation #	Mitigation[1]	Trigger	Previously Triggered/Triggered By Project/Not Triggered	Mitigation Measure Status
Existing Plus Project Phase 1A				
4.13-15a	Intersection #L.1: Greenville Road / Patterson Pass Road	Pay all applicable fee at issuance of each building permit		
	Intersection #L.2: Greenville Road / Tesla Road			
	Intersection #L5: Isabel Avenue / Vallecitos Road			
4.13-15b	All Impacted Roadways	Pay all applicable fee at issuance of each building permit		
4.13-15c	All Impacted Freeways	Pay all applicable fee at issuance of each building permit		
4.13-15e	Temporary School Off-Site (Tom Hawkins ES)	First student	Not Triggered	
4.13-15f	Temporary On-site School Building	When Phase 1a modular school opens	Not Triggered	
4.13-15g	Corral Hollow Road	2,588 AM peak hour trips	Not Triggered	

Notes:

1. Triggers and Mitigations provided in Table 4.13-68 in Section 4.13 of the THSP Final and Draft EIR
2. Impacts triggered by the Project are in ***bold italics.***

4. Appendix

A.1 – Vesting Tentative Map

RECEIVED
September 30, 2021
City of Tracy
Development Services

VESTING TENTATIVE SUBDIVISION MAP

LEGAL DESCRIPTION

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE COUNTY OF SAN JOAQUIN, CITY OF TRACY, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL ONE:

PARCEL 1 AND PARCEL 2, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

PARCEL TWO:

PARCEL 3, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

PARCEL THREE:
THE EAST 203 ACRES OF THE FOLLOWING DESCRIBED PROPERTY (THE WEST LINE OF SAID EAST 203 ACRES BEING PARALLEL TO THE EAST LINE OF SAID SECTION 7;

BEING A PORTION OF SECTION 7, TOWNSHIP 3 SOUTH, RANGE 5 EAST, MOUNT DIABLO BASE AND MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WEST LINE OF CORRAL HOLLOW ROAD, SAID POINT LYING NORTH 0° 13' WEST 30 FEET AND SOUTH 89° 47' WEST 30 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 0° 13' WEST 3,508.47 FEET ALONG THE EAST LINE OF CORRAL HOLLOW ROAD, AND PARALLEL TO AND 30 FEET WEST OF THE EAST LINE OF SAID SECTION 7, TO A POINT ON THE SOUTH LINE OF THE UNITED STATES DEPARTMENT OF INTERIOR RIGHT OF WAY FOR THE DELTA-MENDOT ACANAL, AS RECORDED IN BOOK 1107 OF OFFICIAL RECORDS, PAGE 303; THENCE ALONG SAID CANAL RIGHT OF WAY FOR THE NEXT 6 COURSES, AS FOLLOWS:

1) SOUTH 89° 46' WEST 392.34 FEET;
2) SOUTH 77° 34' WEST 732.3 FEET;
3) SOUTH 80° 57' WEST 985.27 FEET;
4) NORTH 76° 36' WEST 279.66 FEET;
5) NORTH 62° 49' WEST 1,600.51 FEET; AND
6) NORTH 66° 47' WEST, 475.89 FEET;

THENCE LEAVING SAID CANAL RIGHT OF WAY SOUTH 7° 13' WEST 2,026.34 FEET; THENCE SOUTH 20° 21' EAST 76 FEET; THENCE NORTH 89° 19' EAST 27.16 FEET; THENCE SOUTH 26° 58' EAST 579.79 FEET; THENCE NORTH 69° 13' EAST 398.19 FEET; THENCE SOUTH 44° 17' EAST 445.6 FEET; THENCE SOUTH 52° 39' EAST 605.99 FEET; THENCE SOUTH 63° 24' EAST 670.76 FEET; THENCE SOUTH 86° 05' EAST 1,280.33 FEET; THENCE SOUTH 58° 44' EAST 1,254.49 FEET; THENCE NORTH 89° 47' EAST 50.77 FEET TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA FOR THE CALIFORNIA AQUEDUCT IN DEED RECORDED AUGUST 16, 1963 IN BOOK 2722 OF OFFICIAL RECORDS, PAGE 230.

NOTE: THE WESTERLY BOUNDARY LINE OF THE PREMISES HAS BEEN DEFINED OF RECORD IN QUITCLAIM DEEDS RECORDED JUNE 30, 1966 IN BOOK 3060 OF OFFICIAL RECORDS, PAGES 175 AND 177, AND IS DESCRIBED AS FOLLOWS:
NOTE:
COMMENCING AT A POINT ON THE WEST LINE OF CORRAL HOLLOW ROAD, SAID POINT LYING NORTH 0° 13' WEST 30.00 FEET AND SOUTH 89° 47' WEST 30.00 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 7; THENCE NORTH 0° 13' WEST 3,508.47 FEET ALONG THE EAST LINE OF CORRAL HOLLOW ROAD AND PARALLEL TO AND 30.00 FEET WEST OF THE EAST LINE OF SAID SECTION 7 TO A POINT ON THE SOUTH LINE OF THE UNITED STATES DEPARTMENT OF INTERIOR RIGHT OF WAY FOR THE DELTA-MENDOTA CANAL, AS RECORDED IN BOOK 1107 OF OFFICIAL RECORDS, PAGE 303; THENCE ALONG SAID CANAL RIGHT OF WAY FOR THE NEXT FIVE COURSES AS FOLLOWS:

1) SOUTH 89° 46' WEST 392.34 FEET;
2) SOUTH 77° 34' WEST 732.30 FEET;
3) SOUTH 80° 57' WEST 985.27 FEET;
4) NORTH 76° 36' WEST 279.66 FEET;
5) NORTH 62° 49' WEST 1,031.69 FEET TO THE POINT OF BEGINNING OF THE HEREIN DESCRIBED LINE;

THENCE LEAVING SAID CANAL RIGHT OF WAY SOUTH 0° 13' EAST 1,962.67 FEET, MORE OR LESS, TO THE TERMINATION OF SAID LINE, BEING THE NORTHWESTERLY CORNER OF THE PROPERTY AS CONVEYED BY CHARLES SPATAFORE, SR., ET AL, TO THE STATE OF CALIFORNIA BY DEED RECORDED AUGUST 16, 1963 IN BOOK 2722 OF OFFICIAL RECORDS, PAGE 230, AND BEING ALSO THE NORTHEASTERLY CORNER OF THE PROPERTY AS CONVEYED BY MAURICE G. VIEIRA, JR., ET UX, TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 9, 1963 IN BOOK 2677 OF OFFICIAL RECORDS, PAGE 204.

EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO CITY OF TRACY, A MUNICIPAL CORPORATION, IN THE DEED RECORDED DECEMBER 1, 2017 IN OFFICIAL RECORDS AS DOCUMENT NO. 2017-140487.

EXCEPTING THEREFROM PARCELS 1, 2 AND 3, AS SHOWN AND DESIGNATED ON THAT CERTAIN MAP FILED FOR RECORD NOVEMBER 21, 2019 IN BOOK 26 OF PARCEL MAPS AT PAGE 153, SAN JOAQUIN COUNTY RECORDS.

PROJECT DATA

OWNER/DEVELOPER:
RIDGELINE PROPERTY GROUP, LLC
ATTN: STEVE ARTHUR
915 HIGHLAND POINTE DRIVE, SUITE 250
ROSEVILLE, CA, 95678
916-284-3245

CIVIL ENGINEER:
KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC.
ATTN: MICHAEL BASSILIOS
2580 COLLIER CANYON ROAD
LIVERMORE, CA 94551
925-245-8788

GEOTECHNICAL ENGINEER:
WALLACE-KUHL & ASSOCIATES
ATTN: MATTHEW MOYNEUR
3422 W. HAMMER LANE #D
STOCKTON, CA 95219
209-234-7722

ASSESSOR'S PARCEL NUMBER
253-020-160
253-020-170
253-020-180
253-020-190

SITE ADDRESS
VACANT LAND ON THE WESTERLY SIDE OF CORRAL HOLLOW, BOUND ON THE NORTH BY THE DELTA MENDOTA CANAL AND BOUND ON THE SOUTH BY THE CALIFORNIA AQUEDUCT

SITE AREA
8,438,438 SQUARE FEET OR 193.7199 ACRES, MORE OR LESS

EXISTING LAND USE
(THSP) TRACY HILLS SPECIFIC PLAN – LIGHT INDUSTRIAL

EXISTING LAND USE
GENERAL AGRICULTURE

PROPOSED LAND USE
LIGHT INDUSTRIAL

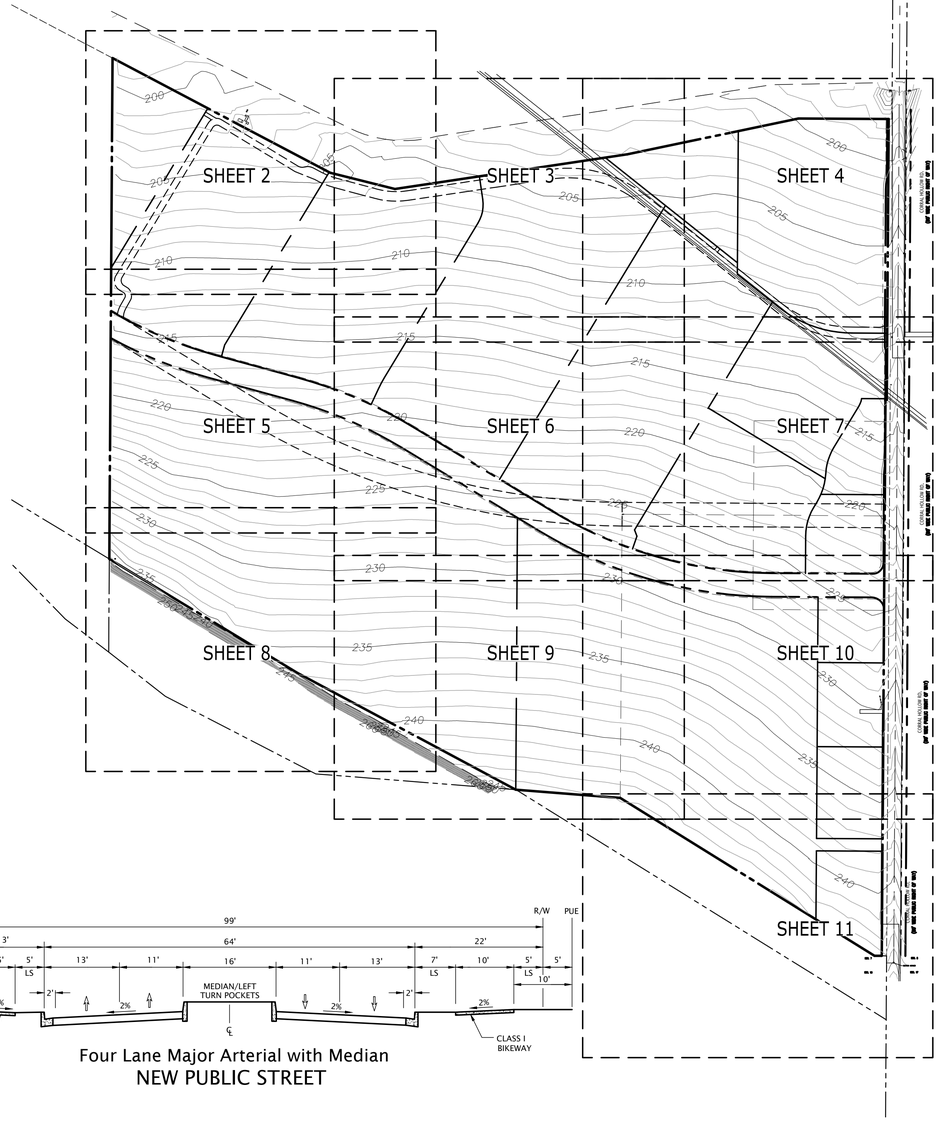
DIMENSIONS
ALL DIMENSIONS SHOWN ARE PRELIMINARY AND SUBJECT TO FINAL DESIGN AND MAPPING.

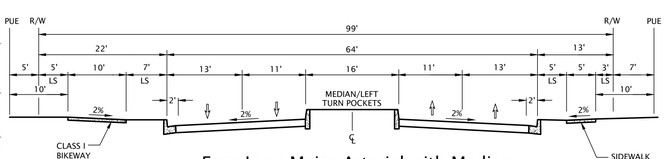
PHASING
TWO PHASES OF DEVELOPMENT

SOURCE OF TOPOGRAPHIC INFORMATION:
TOPOGRAPHY SHOWN ON THIS MAP IS BASON ON FIELD WORK PERFORMED BY KIER & WRIGHT ON AUGUST 20, 2020

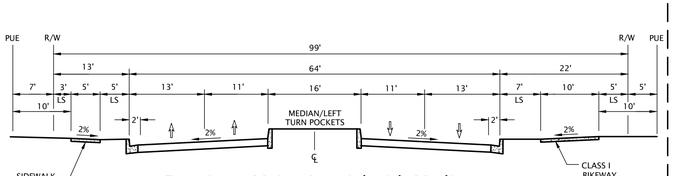
LEGEND

PROPOSED	EXISTING	
		ASPHALT BERM
		BLOCK/RETAINING WALL
		BUILDING LINE
		CENTER LINE
		CONCRETE CURB
		CONCRETE CURB CUT
		CONCRETE CURB & GUTTER
100	100	CONTOUR LINE
		DRIVEWAY
		EDGE OF PAVEMENT
E	E	ELECTRIC LINE
FS	FS	FIRE SERVICE & VALVE
FO	FO	FIBER OPTICS LINE
		FLUSH CONCRETE CURB
		FENCE LINE
G	G	GAS LINE-VALVE & METER
GB	GB	GRADE BREAK LINE
		GUARD RAIL
JT	JT	JOINT TRENCH LINE
		LOT LINE
		MONUMENT/MONUMENT/SECTION LINE
OH	OH	OVERHEAD POWER LINE
PERF. PIPE		PERFORATED STORM DRAIN PIPE
		PROPERTY LINE
RWL	RWL	RAINWATER LEADER
R	R	RIDGE LINE
SS	SS	SANITARY SEWER-MANHOLE & CLEANOUT
		SIDEWALK
SD	SD	STORM DRAIN-MANHOLE & CATCH BASIN
T	T	TELEPHONE LINE
		THRU CURB DRAIN
W	W	WATER LINE & VALVE
		BACKFLOW PREVENTION DEVICE
		ELECTROLIER
		WALK-BOLLARD LIGHT
		FIRE HYDRANT
		POST INDICATOR VALVE
		POWER POLE/JOINT POLE
+ 100.00	+ 100.00	SPOT ELEVATION
T	T	TRANSFORMER
		TRAFFIC SIGN
		TREE
		UTILITY BOX
AD	AD	AREA DRAIN
ARV	ARV	AIR RELEASE VALVE
ASR	ASR	AUTOMATIC SPRINKLER RISER
AVP	AVP	AIR VALVE POST
BFPD	BFPD	BACKFLOW PREVENTION DEVICE
BW	BW	BACK OF WALK
BOV	BOV	BLOWOFF VALVE
BLDG	BLDG	BUILDING
BL	BL	BUILDING LINE
CB	CB	CATCH BASIN
CATVB	CATVB	CABLE TELEVISION BOX
CTB	CTB	CALTRANS BOX
COTG	COTG	CLEANOUT TO GRADE
C	C	CONCRETE
DDCV	DDCV	DOUBLE DETECTOR CHECK VALVE
DR	DR	DOOR
DS	DS	DOWN SPOUT
DIP	DIP	DUCTILE IRON PIPE
EB	EB	ELECTRIC BOX
ETS	ETS	ELECTROLYSIS TEST STATION
ESMT	ESMT	EASEMENT
EW	EW	EDGE OF WALK
FB	FB	FACE OF BERM
FC	FC	FACE OF CURB
FW	FW	FACE OF WALL
FF	FF	FINISHED FLOOR
FL	FL	FLOW LINE
FH	FH	FIRE HYDRANT
FOM	FOM	FIBER OPTICS MARKER
GLM	GLM	GAS LINE MARKER
GM	GM	GAS METER
GV	GV	GAS VALVE
GB	GB	GRADE BREAK
GA	GA	GUY ANCHOR
HP	HP	HIGH POINT
IE	IE	INVERT ELEVATION
IB	IB	IRRIGATION BOX
JP	JP	JOINT POWER POLE
LP	LP	LOW POINT
LT	LT	LIGHT
OF	OF	OVERFLOW
OD	OD	OVERFLOW DRAIN
PBMH	PBMH	PAC BELL MANHOLE
P	P	PAVEMENT
POC	POC	POINT OF CONNECTION
PIV	PIV	POST INDICATOR VALVE
PP	PP	POWER POLE
RWL	RWL	RAINWATER LEADER
RVP	RVP	RELEASE VALVE POST
R	R	RIDGE
RE	RE	RIM ELEVATION
RD	RD	ROOF DRAIN
SSCO	SSCO	SANITARY SEWER CLEANOUT
SSMH	SSMH	SANITARY SEWER MANHOLE
SMH	SMH	SPRINT MANHOLE
SM	SM	SPRINT MARKER
SL	SL	STREET LIGHT
SLB	SLB	STREET LIGHT BOX
SDJB	SDJB	STORM DRAIN JUNCTION BOX
SDMH	SDMH	STORM DRAIN MANHOLE
SWL	SWL	SWALE
TB	TB	TELEPHONE BOX
TMH	TMH	TELEPHONE MANHOLE
TSB	TSB	TRAFFIC SIGNAL BOX
TSP	TSP	TRAFFIC SIGNAL POLE
TB	TB	TOP OF BERM
TC	TC	TOP OF CURB
TW	TW	TOP OF WALL
T	T	TRANSFORMER
TE	TE	TRASH ENCLOSURE
WB	WB	WATER BOX
WM	WM	WATER METER
WV	WV	WATER VALVE
		CONCRETE

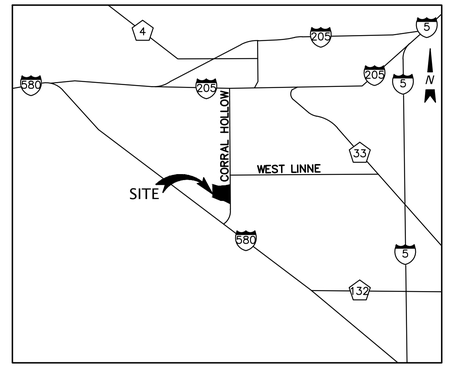




Four Lane Major Arterial with Median
CORRAL HOLLOW RD



Four Lane Major Arterial with Median
NEW PUBLIC STREET



VICINITY MAP
NOT TO SCALE

CITY ENGINEER'S STATEMENT

I HEREBY CERTIFY THAT THIS MAP HAS BEEN REVIEWED FOR COMPLIANCE WITH THE REQUIREMENTS OF THE TRACY MUNICIPAL CODE AND THE SUBDIVISION MAP ACT AS TO FORM AND CONTENT.

CITY ENGINEER _____ DATE _____

PLANNING COMMISSION FILING CERTIFICATE

TENTATIVE MAP FILED THIS _____ DAY OF _____ 20__ IN THE OFFICE OF THE TRACY PLANNING COMMISSION, TRACY, CALIFORNIA. ACCOMPANIED WITH THE APPROPRIATE FILING FEES. THIS CERTIFICATE DOES NOT DEEM THIS APPLICATION COMPLETE.

CITY COUNCIL STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL OF TRACY HAS CONDITIONALLY APPROVED THIS TENTATIVE MAP ON _____ BY RESOLUTION NO. _____.

CITY CLERK _____ DATE _____

NOTES

1. THIS PLOT WAS PREPARED FROM INFORMATION FURNISHED IN A PRELIMINARY TITLE REPORT, PREPARED BY OLD REPUBLIC TITLE INSURANCE COMPANY, DATED MARCH 1, 2021, ORDER NUMBER 1231002229-DC. NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID PRELIMINARY TITLE REPORT THAT MAY AFFECT THE TITLE LINES, OR EXCEPTIONS, OR EASEMENTS OF THE PROPERTY.
2. PURSUANT TO SECTION 66424.5 OF THE SUBDIVISON MAP ACT, THIS MAP NEED NOT BE BASED ON AN ACCURATE OR DETAILED FINAL SURVEY OF THE PROPERTY
3. BENCHMARK: 3" BRASS DISK WITH PUNCH STAMPED "L1259 1974", 35 FEET WEST OF CORRALL ROAD, 23 FEET NORTH OF NORTHERLY AQUEDUCT ROAD.

   ELEVATION = 250.25 (DATUM = CITY OF TRACY, 1988 NAVD)
4. BASIS OF BEARINGS:
   THE BEARING OF SOUTH 00° 22' 08" WEST TAKEN ON THE SECTION LINE OF CORRAL HOLLOW AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD ON NOVEMBER 21, 2019, IN BOOK 26 OF PARCEL MAPS AT PAGE 153, OFFICIAL RECORDS OF SAN JOAQUIN COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON.

   ALL DISTANCES ARE GROUND DISTANCES UNLESS OTHERWISE NOTED; MULTIPLY BY 0.9999388 TO OBTAIN GRID DISTANCES
5. ANY PRIVATE UTILITY AND ACCESS EASEMENTS THAT WILL BE REQUIRED WILL BE RECIPROCAL AGREEMENTS RECORDED CONCURRENTLY WITH THE PARCEL MAP.
6. THE AVIATION ZONES FOR THE TRACY MUNICIPAL AIRPORT HAVE BEEN SHOWN PER THE COUNTYWIDE AIRPORT LAND USE COMPATIBILITY PLAN DATED AS OF JUNE 25, 2009 AND AMENDED JANUARY 2018, PROVIDED TO KIER AND WRIGHT ON AUGUST 28, 2020 BY HP ARCHITECTS.

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10	EXISTING CONDITIONS
11	EXISTING CONDITIONS
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13	OVERALL SITE PLAN
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15	CONCEPTUAL GRADING PLAN
16	CONCEPTUAL GRADING PLAN
17	CONCEPTUAL GRADING PLAN
18	CONCEPTUAL GRADING PLAN
19	CONCEPTUAL UTILITY PLAN
20	CONCEPTUAL UTILITY PLAN
21	CONCEPTUAL UTILITY PLAN
22	CONCEPTUAL UTILITY PLAN
23	CONCEPTUAL UTILITY PLAN
24	SECTIONS

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTING ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES IN THE IMPROVEMENTS PUBLIC INTEREST DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS PUBLIC INTEREST OF THE CITY OF TRACY OR THESE PLANS DO NOT CONFORM TO CITY STANDARDS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES IN THE IMPROVEMENTS PUBLIC INTEREST DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS PUBLIC INTEREST OF THE CITY OF TRACY OR THESE PLANS DO NOT CONFORM TO CITY STANDARDS. THE CITY ENGINEER'S APPROVAL OF THESE PLANS DOES NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTING ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. APPROVAL OF THESE PLANS IS BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSILIOS
No. 71814
Exp. 3-31-23
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
2580 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS
COVER SHEET

SHEET 1 OF 24 SHEETS

Z:\2020\A20651\DWG\SURVEY\MAPPING\A20651-TM.dwg 9-27-21 10:05:51 AM cwilkins

DELTA MENDOTA CANAL

Top

END 3/4"IP

Barbed Wire Fence

451.73'

N62°12'28"W 1031.77'

575.01'

PARCEL EIGHT

LANDS OF VIEIRA
2003-0111338 O.R.

880.05'

S37°11'34"W 782.54'

180.39'

200

205

210

SURVEYED REMAINDER
26 PM 153
APN: 253-020-190

PARCEL ONE

PARCEL TWO

N76°00'52"W 279.62'

5.03'

SEE SHEET 3

SEE SHEET 5

NORTH

0 25 50 100 150

Scale 1" = 50'

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY OF TRACY, THE DEVELOPER SHALL ENTER INTO A SUBDIVISION IMPROVEMENT AGREEMENT WITH THE CITY OF TRACY, A CORPORATION OF THE STATE OF CALIFORNIA. THE AGREEMENT SETS FORTH DETAILS OF THE CITY'S REQUIREMENTS FOR IMPROVEMENTS TO BE CONSTRUCTED BY THE DEVELOPER. IF THE CITY ENGINEER SHALL HAVE THE MANNER IN WHICH THE SAME IS TO BE MADE, IF NO COST TO THE CITY, APPROVED AS TO THE PLANS SUBMITTED THEREIN. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL T. BASSETTI
No. 71814
Exp. 9-30-21
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

REVISIONS

SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET 2 OF 24 SHEETS

Z:\2020\A20651\DWG\SURVEY\MAPPING\A20651-TM.dwg 9-27-21 10:08:45 AM cwilkins
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CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY ENGINEER, THE DEVELOPER SHALL EXECUTE A SUBDIVISION IMPROVEMENT AGREEMENT AND FURNISH SECURITY IN ACCORDANCE WITH THE PROVISIONS OF THE SUBDIVISION ORDINANCE OF THE CITY OF TRACY. IN THE EVENT THAT ANY PART THEREOF OF THE CITY OF TRACY STANDARD SPECIFICATIONS AND DRAWINGS, OR THESE PLANS, THE CITY ENGINEER SHALL HAVE THE MANNER IN WHICH THE SAME IS TO BE MADE, IF NO COST TO THE CITY, APPROVED AS TO THE MATERIALS TO BE USED IN THE IMPROVEMENTS SUBMITTED THEREIN, APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL T. BASSETTI
No. 71814
Exp. 12-31-21
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET 3 OF 24 SHEETS

Z:\2020\A20651\DWG\SURVEY MAPPING\A20651-TM.dwg 9-27-21 10:09:03 AM cwilkins
Z:\2020\A20651\DWG\SURVEY MAPPING\A20651-TM.dwg 9-27-21 10:09:03 AM cwilkins

DELTA MENDOTA CANAL

Top

199.24 TOP

197.61 TOP

195.97 NOM. END

194.44 NOM. END

N89°38'52"W 378.36'

S78°09'08"W 732.34'

474.88'

257.46'

94.36'

10' PG&E EASEMENT
BK 1256 OR 101

10' PG&E EASEMENT
BK 1256 OR 101

322.55'

S11°30'39"E 708.48'

385.93'

S0°22'04"W 600.64'

552.33'

PROPOSED 6.0' ROADWAY DEDICATION

PARCEL NINE

SURVEYED REMAINDER
26 PM 153
APN: 253-020-190

PARCEL FIVE

PARCEL FOUR

48.30'

S89°37'56"E
147.42'

S11°30'39"E 221.05'

187.46'

R=500.00'
D=38°07'17"
L=332.67'

14' I.O.D.
26 PM 153

CORRAL HOLLOW RD.
(80' WIDE PUBLIC RIGHT OF WAY)

SEE SHEET 3

SEE SHEET 7

LEGEND

	CENTERLINE
100	MAJOR CONTOUR LINE
101	MINOR CONTOUR LINE
	EASEMENT LINE
	EDGE OF PAVEMENT
X X X	FENCE LINE
FO	FIBER OPTICS LINE
G GM	GAS LINE-VALVE & METER
JT	JOINT TRENCH LINE
	LOT LINE
	MONUMENT/MONUMENT LINE
OH	OVERHEAD POWER LINE
	PROPERTY LINE
SS MH	SANITARY SEWER LINE-MANHOLE & CLEANOUT
100.00	SPOT ELEVATION
SD	STORM DRAIN LINE-MANHOLE & CATCH BASIN
T	TELEPHONE LINE
W	WATER LINE & VALVE
BM/TBM	BENCHMARK/TEMPORARY BENCHMARK
	GUY ANCHOR
	IRON PIPE FOUND
	NAIL FOUND
	POWER POLE/JOINT POLE
	REBAR FOUND
	TRAFFIC SIGN
	UTILITY BOX
	UTILITY LINE MARKER
	WATER VALVE
BD	BRASS DISK
BEG	BEGIN
BLRD	BOLLARD
BX	BOX
CAB	CABINET
CL	CENTER LINE
CTV	CABLE TV LINE
CTVB	CABLE TV BOX
DYLT	DAYLIGHT
E	EAST
EB	ELECTRIC BOX
EL	ELECTRIC
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
FND	FOUND
FO	FIBER OPTICS
FW	FACE OF WALL
GLM	GAS LINE MARKER
GV	GAS VALVE
(G)	GRID DISTANCE
GAS	GAS LINE
GB	GRADE BREAK
GLM	GAS LINE MARKER
GUY	GUY ANCHOR
GV	GAS VALVE
HDWL	HEADWALL
IE	INVERT ELEVATION
IP	IRON PIPE
JP	JOINT POWER POLE
MON	MONUMENT
N	NORTH
NE	NORTH EAST
O.R.	OFFICIAL RECORD
PG&E	PACIFIC GAS & ELECTRIC
PM	PARCEL MAP
PP	POWER POLE
RCP	REINFORCED CONC. PIPE
RE	RIM ELEVATION
S	SOUTH
SE	SOUTH EAST
SSMH	SANITARY SEWER MANHOLE
TOE	GRADE BREAK LINE TOE
TOP	GRADE BREAK LINE TOP
UB	UNKNOWN UTILITY BOX
W	WEST
WB	WATER BOX
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE

NORTH

0 25 50 100 150
Scale 1" = 50'

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED IMPROVEMENTS ARE NOT COMPLETED WITHIN THE TIME SPECIFIED IN THE SUBDIVISION IMPROVEMENT AGREEMENT, THE CITY OF TRACY RESERVES THE RIGHT TO REQUIRE THE SUBDIVIDER OR CORPORATION OR THE SURETY COMPANY GUARANTEEING THE PERFORMANCE OF THE SUBDIVISION IMPROVEMENT AGREEMENT TO COMPLETE THE IMPROVEMENTS AS SHOWN ON THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO APPROVE MINOR CHANGES IN THE PLANS AND SPECIFICATIONS. ANY CHANGES SHALL BE MARKED IN RED ON THE PLANS. IN WHICH CASE AS TO BE MADE, IF NO COST TO THE CITY, APPROVED AS TO FORM AND PROCEDURE BY THE CITY ATTORNEY'S OFFICE. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

TRACY
Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITIAN
No. 71814
Exp. 12-31-21
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: MB	DRAWN BY: RS	CHECKED BY:	SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET 4 OF 24 SHEETS

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SEE SHEET 2

PARCEL ONE

PARCEL TWO

SURVEYED REMAINDER
26 PM 153
APN: 253-020-190

REMAINDER PARCEL

REMAINDER PARCEL

LANDS OF VIEIRA
2003-0H338 O.R.

S0°22'08"W 2100.42'
113.43'
180.39'
214.89
Barbed Wire Fence
926.55'
Barbed Wire Fence

R=1800.50'
D=15°06'19"
L=474.68'

28.32'

S15°20'56"W
51.39'

R=1899.50'
D=13°23'23"
L=443.91'

N74°39'04"W 365.65'

337.33'

N74°39'04"W 365.65'

PROPOSED 99.0' ROADWAY EASEMENT

APPROXIMATE 90'± WIDE FOAL LANE MAJOR ARTERIAL WITH MEDIAN PER TRACY HILLS SPECIFIC PLAN

R=500.00'
D=6°07'09"
L=53.40'

D=9°43'29" L=322.40'

R=1899.50' D=15°50'38" L=525.27'

S25°04'25"W
73.27'

D=6°07'09" L=202.86'

R=1800.50' D=15°50'38" L=497.89'

S37°11'54"W 756.77'

215

220

225

230

0 25 50 100 150
Scale 1" = 50'

NORTH

SEE SHEET 6

SEE SHEET 8

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED IN THE OPINION OF THE CITY ENGINEER, THE DEVELOPER SHALL EXECUTE A SUPPLEMENTAL DEDICATION OR CORRECTION OF THE FINAL MAP OR OTHER INSTRUMENTS OF CONVEYANCE OF THE CITY OF TRACY OR OTHER PUBLIC AGENCY. IF THE CITY ENGINEER SHALL MAKE THE DETERMINATION THAT SUCH SUPPLEMENTAL DEDICATION OR CORRECTION IS REQUIRED, THE MANNER IN WHICH THE SAME IS TO BE MADE, AT NO COST TO THE CITY, APPROVED AS TO FORM BY THE CITY ATTORNEY, SHALL BE DETERMINED BY THE ENGINEER BASED ON THE INFORMATION SUBMITTED HEREIN. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

TRACY
Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITIAN
No. 71814
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DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET
5
OF 24 SHEETS

Z:\2020\A20651\DWG\SURVEY\MAPPING\A20651-TM.dwg 9-27-21 10:09:25 AM cwilkins
Z:\2020\A20651\DWG\SURVEY\MAPPING\A20651-TM.dwg 9-27-21 10:09:24 AM cwilkins

SEE SHEET 3

NORTH

0 25 50 100 150

Scale 1" = 50'

215

R=500.00'
D=6°07'09"
L=53.40'

PARCEL TWO

PARCEL FOUR

S25°04'25"W
73.27'

R=1899.50' D=15°50'38" L=525.27'

D=6°07'09" L=202.86

220

PARCEL THREE

SURVEYED REMAINDER
26 PM 153
APN: 253-020-190

S37°11'34"W 1341.97'

R=1500.50' D=15°50'38" L=497.89'

SEE SHEET 5

S38°48'26"E 678.04'

420.86'

PROPOSED 5.0' PUBLIC UTILITIES EASEMENT

APPROXIMATE 99.0' FUTURE FOUR LANE MAJOR ARTERIAL WITH MEDIAN PER TRACY HILLS SPECIFIC PLAN

S38°48'26"E 678.04'
568.45'

PROPOSED 99.0' ROADWAY

PROPOSED 7.0' PUBLIC UTILITIES EASEMENT

257.18'

225

REMAINDER PARCEL

N21°17'58"W
28.45'

D=11°52'42" L=373.27

N19°18'52"E
56.92'

109.59'

R=1800.50' D=30°49'26" L=968.63'

R=1899.50' D=

SEE SHEET 7

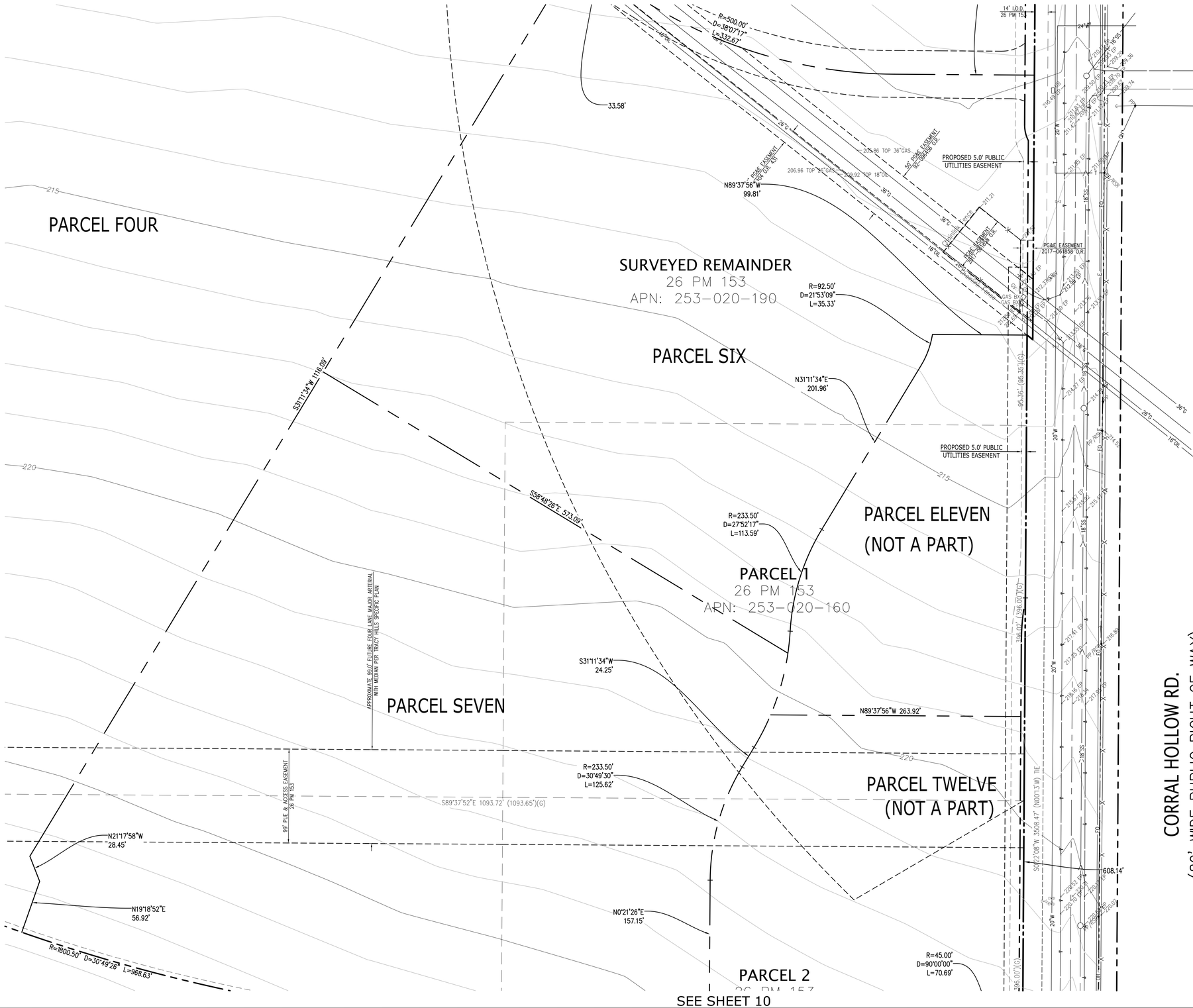
SEE SHEET 9

230

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED IN THE OPINION OF THE CITY ENGINEER, THE DEVELOPER SHALL MAKE THE REVISIONS NECESSARY TO OBTAIN A SATISFACTORY CONSTRUCTION OF THE IMPROVEMENTS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES IN THE PLANS AND SPECIFICATIONS WHERE CONDITIONS OF THE CITY OF TRACY SO REQUIRE

SEE SHEET 4



NORTH

0 25 50 100 150

Scale 1" = 50'

LEGEND

	CENTERLINE
100 / 101	MAJOR CONTOUR LINE / MINOR CONTOUR LINE
	EASEMENT LINE
	EDGE OF PAVEMENT
FENCE	FENCE LINE
FO	FIBER OPTICS LINE
GAS GM	GAS LINE–VALVE & METER
JT	JOINT TRENCH LINE
	LOT LINE
	MONUMENT/MONUMENT LINE
OH	OVERHEAD POWER LINE
	PROPERTY LINE
SS	SANITARY SEWER LINE–MANHOLE & CLEANOUT
100.00	SPOT ELEVATION
SD	STORM DRAIN LINE–MANHOLE & CATCH BASIN
T	TELEPHONE LINE
W	WATER LINE & VALVE
BM/TBM	BENCHMARK/TEMPORARY BENCHMARK
	GUY ANCHOR
	IRON PIPE FOUND
	NAIL FOUND
	POWER POLE/JOINT POLE
	REBAR FOUND
	TRAFFIC SIGN
	UTILITY BOX
	UTILITY LINE MARKER
	WATER VALVE
BD	BRASS DISK
BEG	BEGIN
BLRD	BOLLARD
BX	BOX
CAB	CABINET
CL	CENTER LINE
CTV	CABLE TV LINE
CTVB	CABLE TV BOX
DYLT	DAYLIGHT
E	EAST
EB	ELECTRIC BOX
EL	ELECTRIC
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
FND	FOUND
FO	FIBER OPTICS
FW	FACE OF WALL
GLM	GAS LINE MARKER
GV	GAS VALVE
(G)	GRID DISTANCE
GAS	GAS LINE
GB	GRADE BREAK
GLM	GAS LINE MARKER
GUY	GUY ANCHOR
GV	GAS VALVE
HDWL	HEADWALL
IE	INVERT ELEVATION
IP	IRON PIPE
JP	JOINT POWER POLE
MON	MONUMENT
N	NORTH
NE	NORTH EAST
O.R.	OFFICIAL RECORD
PG&E	PACIFIC GAS & ELECTRIC
PM	PARCEL MAP
PP	POWER POLE
RCP	REINFORCED CONC. PIPE
RE	RIM ELEVATION
S	SOUTH
SE	SOUTH EAST
SSMH	SANITARY SEWER MANHOLE
TOE	GRADE BREAK LINE TOE
TOP	GRADE BREAK LINE TOP
UB	UNKNOWN UTILITY BOX
W	WEST
WB	WATER BOX
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY OF TRACY, THE DEVELOPER SHALL ENTER INTO A SUBDIVISION IMPROVEMENT AGREEMENT WITH THE CITY OF TRACY PRIOR TO THE CONSTRUCTION OF ANY IMPROVEMENTS. THESE PLANS SHALL BECOME NULL AND VOID IF THE IMPROVEMENTS ARE NOT CONSTRUCTED WITHIN TWO YEARS OF THE CITY'S APPROVAL DATE. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO GRANT ONE OR MORE EXTENSIONS OF TIME, FOR A PERIOD NOT TO EXCEED ONE YEAR EACH, IF REQUESTED IN WRITING BY THE DEVELOPER PRIOR TO THE EXPIRATION OF THE APPROVAL OR EXTENSION THEREOF. IN WHICH CASE, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE THAT THE PLANS BE MODIFIED TO CONFORM TO ANY SIGNIFICANT CHANGES IN CONDITIONS WHICH OCCUR DURING THE EXTENSION PERIOD. IF NO WORK IS DONE UNDER THE PLANS WITHIN THE TIME SPECIFIED IN THIS PARAGRAPH, THE PLANS SHALL BECOME NULL AND VOID UNLESS THE DEVELOPER REQUESTS AND THE CITY GRANTS AN EXTENSION OF TIME IN WRITING PRIOR TO THE EXPIRATION OF THE APPROVAL OR EXTENSION THEREOF.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITIAN
No. 71814
Exp. 12-31-21
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
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Phone: (925) 245-8788
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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY: MB	DRAWN BY: RS	CHECKED BY:	SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET 7 OF 24 SHEETS

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SEE SHEET 5

NORTH

0 25 50 100 150

Scale 1" = 50'

SURVEYED REMAINDER
26 PM 153
APN: 253-020-190

REMAINDER PARCEL

REMAINDER PARCEL

CALIFORNIA AQUEDUCT

SEE SHEET 9

FND ¾" IP

BURD ⊕WM

BURD ▪BLRD

236.85

254.84 TOP

254.43 TOP

254.67 TOP

254.50 TOP

254.71 TOP

248.74 TOP

FND 3" DISK DNR

FND 1" REBAR

236.88

245.19 TOP

238.38 TOE

240.17 TOP

Barbed Wire Fence

S58°48'22"E 921.10

235

240

245

250

255

260

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY ENGINEER, THE DEVELOPER SHALL SIGN A STATEMENT TO THAT EFFECT. ACCEPTANCE OF IMPROVEMENTS BY THE CITY OF TRACY SHALL NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED IN THE IMPROVEMENT PLANS. IF REQUIRED BY THE CITY ENGINEER, THE DEVELOPER SHALL SIGN A STATEMENT TO THAT EFFECT. ACCEPTANCE OF IMPROVEMENTS BY THE CITY OF TRACY SHALL NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY ENGINEER, THE DEVELOPER SHALL SIGN A STATEMENT TO THAT EFFECT. ACCEPTANCE OF IMPROVEMENTS BY THE CITY OF TRACY SHALL NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED IN THE IMPROVEMENT PLANS. IF REQUIRED BY THE CITY ENGINEER, THE DEVELOPER SHALL SIGN A STATEMENT TO THAT EFFECT. ACCEPTANCE OF IMPROVEMENTS BY THE CITY OF TRACY SHALL NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED IN THE IMPROVEMENT PLANS. ANY CHANGES IN WHICH THE SAME IS TO BE MADE, IF NO COST TO THE CITY, APPROVED AS NOTED, WILL BE MADE ONLY AFTER SUBMITTAL OF A REVISED PLAN AND APPROVAL BY THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITIAN
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VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET 8 OF 24 SHEETS

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SEE SHEET 7

26 PM 153
APN: 253-020-170

D=18°56'44" L=595.36

R=1899.50' D=30°49'26" L=1021.89'

141.23'

281.57'

S89°37'52"E 422.80'

N89°37'52"W 419.80'

194.73'

225.07'

R=52.00'
D=90°00'00"
L=81.68'

274.41'

PARCEL THIRTEEN
(NOT A PART)

222.41'

277.08'
N89°37'56"W

PARCEL TEN

SEE SHEET 9

PARCEL 3
26 PM 153
APN: 253-020-180

S0°22'10"W 1012.01'

352.71'

PROPOSED 5.0' PUBLIC
UTILITIES EASEMENT

PARCEL FOURTEEN
(NOT A PART)

PG&E EASEMENT
2017-140490 O.R.

S89°37'56"E
277.09'

384.68'

PARCEL FIFTEEN
(NOT A PART)

S0°22'08"W 2336.06'

1448.57' (1447.88')

20' PG&E EASEMENT
2017-140490 O.R.

CORRAL HOLLOW RD.
(80' WIDE PUBLIC RIGHT OF WAY)

SEE SHEET 11

NORTH

0 25 50 100 150

Scale 1" = 50'

LEGEND

	CENTERLINE
100 / 101	MAJOR CONTOUR LINE / MINOR CONTOUR LINE
	EASEMENT LINE
	EDGE OF PAVEMENT
	FENCE LINE
FO	FIBER OPTICS LINE
G / GM	GAS LINE-VALVE & METER
JT	JOINT TRENCH LINE
	LOT LINE
	MONUMENT/MONUMENT LINE
OH	OVERHEAD POWER LINE
	PROPERTY LINE
SS / S	SANITARY SEWER LINE-MANHOLE & CLEANOUT
100.00	SPOT ELEVATION
SD	STORM DRAIN LINE-MANHOLE & CATCH BASIN
T	TELEPHONE LINE
W	WATER LINE & VALVE
BM/TBM	BENCHMARK/TEMPORARY BENCHMARK
	GUY ANCHOR
	IRON PIPE FOUND
	NAIL FOUND
	POWER POLE/JOINT POLE
	REBAR FOUND
	TRAFFIC SIGN
	UTILITY BOX
	UTILITY LINE MARKER
	WATER VALVE
BD	BRASS DISK
BEG	BEGIN
BLRD	BOLLARD
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CAB	CABINET
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(G)	GRID DISTANCE
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RCP	REINFORCED CONC. PIPE
RE	RIM ELEVATION
S	SOUTH
SE	SOUTH EAST
SSMH	SANITARY SEWER MANHOLE
TOE	GRADE BREAK LINE TOE
TOP	GRADE BREAK LINE TOP
UB	UNKNOWN UTILITY BOX
W	WEST
WB	WATER BOX
WL	WATER LINE
WM	WATER METER
WV	WATER VALVE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED IN CONSTRUCTION OR IMPROVEMENT PLANS, THE DEVELOPER SHALL HAVE THE ENGINEER OF RECORD PREPARE AND CERTIFY AS-BUILT PLANS. THE ENGINEER SHALL SUBMIT THE AS-BUILT PLANS TO THE CITY OF TRACY BEFORE FINAL ACCEPTANCE BY THE CITY OF THE WORK. THE AS-BUILT PLANS SHALL BE IN THE FORM OF A CLEAR AND LEGIBLE BLACK LINE PRINT MARKED IN RED WITH THE WORD "AS-BUILT" PRINTED IN LETTERS NOT LESS THAN 0.5 INCH HIGH. THE AS-BUILT PLANS SHALL BE SUBMITTED WITHIN 30 DAYS OF THE ACCEPTANCE OF THE WORK BY THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
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SCALE: AS SHOWN

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SHEET 10 OF 24 SHEETS

Z:\2020\A20651\DWG\SURVEY\MAPPING\A20651-TM.dwg 9-27-21 10:10:54 AM cwilkins

SEE SHEET 10

NORTH

0 25 50 100 150

Scale 1" = 50'

PARCEL TEN

PARCEL SIXTEEN
(NOT A PART)

NO PROPERTY INFORMATION AVAILABLE

CALIFORNIA AQUEDUCT

CORRAL HOLLOW RD.
(80' WIDE PUBLIC RIGHT OF WAY)

Chainlink Fence

S58°08'52"E 1254.69'

S89°37'56"E
277.08'

S89°37'56"E
277.08'

227.70'
S0°22'08"W

438.53'

PROPOSED 5.0' PUBLIC
UTILITIES EASEMENT

288.81'

SEC. 7
S89°37'52"E 30.78'

SEC. 18

SEC. 8

SECTION CORNER

SEC. 17

BENCHMARK
ELEV= 75.44

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY CONSTRUCTION CONDITIONS OR THE CITY ENGINEER, THE DEVELOPER SHALL PREPARE THE NECESSARY REVISIONS OF THE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES IN THE PLANS AS HE DEEMS NECESSARY TO PROTECT THE INTERESTS OF THE CITY OF TRACY. IF THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES IN THE PLANS AS HE DEEMS NECESSARY TO PROTECT THE INTERESTS OF THE CITY OF TRACY. IF THE CITY ENGINEER SHALL HAVE THE MANNER IN WHICH THE SAME IS TO BE MADE, IF NO COST TO THE CITY, APPROVED AS TO FORM AND PROCEDURE BY THE CITY ATTORNEY, AND ALL REVISIONS SHALL BE APPROVED BY THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL T. BASSETTI
No. 71814
Exp. 9-30-22
CIVIL
STATE OF CALIFORNIA

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, CA 94551
Phone: (925) 245-8788
www.kierwright.com

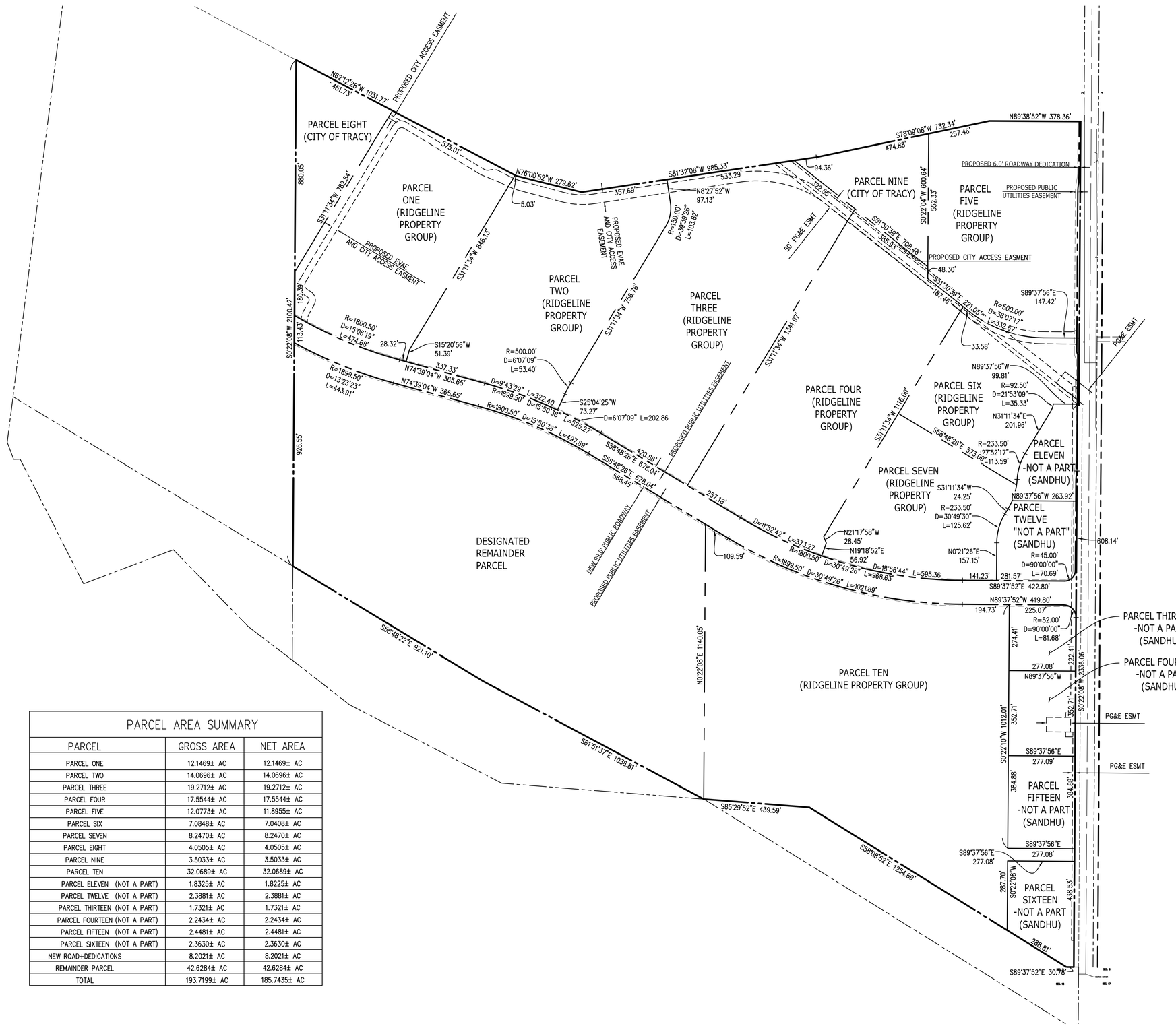
REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS EXISTING CONDITIONS

SHEET
11
OF 24 SHEETS

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PARCEL AREA SUMMARY		
PARCEL	GROSS AREA	NET AREA
PARCEL ONE	12.1469± AC	12.1469± AC
PARCEL TWO	14.0696± AC	14.0696± AC
PARCEL THREE	19.2712± AC	19.2712± AC
PARCEL FOUR	17.5544± AC	17.5544± AC
PARCEL FIVE	12.0773± AC	11.8955± AC
PARCEL SIX	7.0848± AC	7.0408± AC
PARCEL SEVEN	8.2470± AC	8.2470± AC
PARCEL EIGHT	4.0505± AC	4.0505± AC
PARCEL NINE	3.5033± AC	3.5033± AC
PARCEL TEN	32.0689± AC	32.0689± AC
PARCEL ELEVEN (NOT A PART)	1.8325± AC	1.8225± AC
PARCEL TWELVE (NOT A PART)	2.3881± AC	2.3881± AC
PARCEL THIRTEEN (NOT A PART)	1.7321± AC	1.7321± AC
PARCEL FOURTEEN (NOT A PART)	2.2434± AC	2.2434± AC
PARCEL FIFTEEN (NOT A PART)	2.4481± AC	2.4481± AC
PARCEL SIXTEEN (NOT A PART)	2.3630± AC	2.3630± AC
NEW ROAD+DEDICATIONS	8.2021± AC	8.2021± AC
REMAINDER PARCEL	42.6284± AC	42.6284± AC
TOTAL	193.7199± AC	185.7435± AC

NORTH

0 100 200 400 600

Scale 1" = 200'

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF REQUIRED BY THE CITY ENGINEER, A FAITHFUL PERFORMANCE BOND SHALL BE POSTED BY A SURETY OR CORPORATION SATISFACTORY TO THE CITY ENGINEER IN THE AMOUNT OF THE ESTIMATED COST OF THE IMPROVEMENTS AS SHOWN ON THE PLANS AND SPECIFICATIONS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO APPROVE CHANGES OR ALTERATIONS IN THE PLANS AND SPECIFICATIONS OF A MINOR NATURE IN WHICH THE SAME IS TO BE MADE, IF NO COST TO THE CITY. APPROVED AS TO FORM AND PROCEDURE: CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

TRACY Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER MICHAEL F. BASSETTI No. 71814 Exp. 12-31-21 CIVIL STATE OF CALIFORNIA

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REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	KS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS LOTTING PLAN

SHEET 12 OF 24 SHEETS

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NORTH

0 100 200 400 600

Scale 1" = 200'

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR CONFLICTS DISCOVERED DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS FOR WHICH THESE PLANS ARE PREPARED. THE DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF TRACY AND ITS OFFICERS AND EMPLOYEES FROM ANY AND ALL LIABILITY OR CLAIMS OF LIABILITY FOR ANY INJURY OR DAMAGE DUE TO DEFECTS IN THESE PLANS OR OMISSIONS FROM THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES OR ADDITIONS TO THESE PLANS AS IN HIS OPINION ARE NECESSARY TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE OF THE CITY OF TRACY. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES OR ADDITIONS TO THE IMPROVEMENT PLANS AS IN HIS OPINION ARE NECESSARY TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE OF THE CITY OF TRACY. APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR CONFLICTS DISCOVERED DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS FOR WHICH THESE PLANS ARE PREPARED. THE DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF TRACY AND ITS OFFICERS AND EMPLOYEES FROM ANY AND ALL LIABILITY OR CLAIMS OF LIABILITY FOR ANY INJURY OR DAMAGE DUE TO DEFECTS IN THESE PLANS OR OMISSIONS FROM THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES OR ADDITIONS TO THESE PLANS AS IN HIS OPINION ARE NECESSARY TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE OF THE CITY OF TRACY. APPROVED FOR THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITOS
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REVISIONS

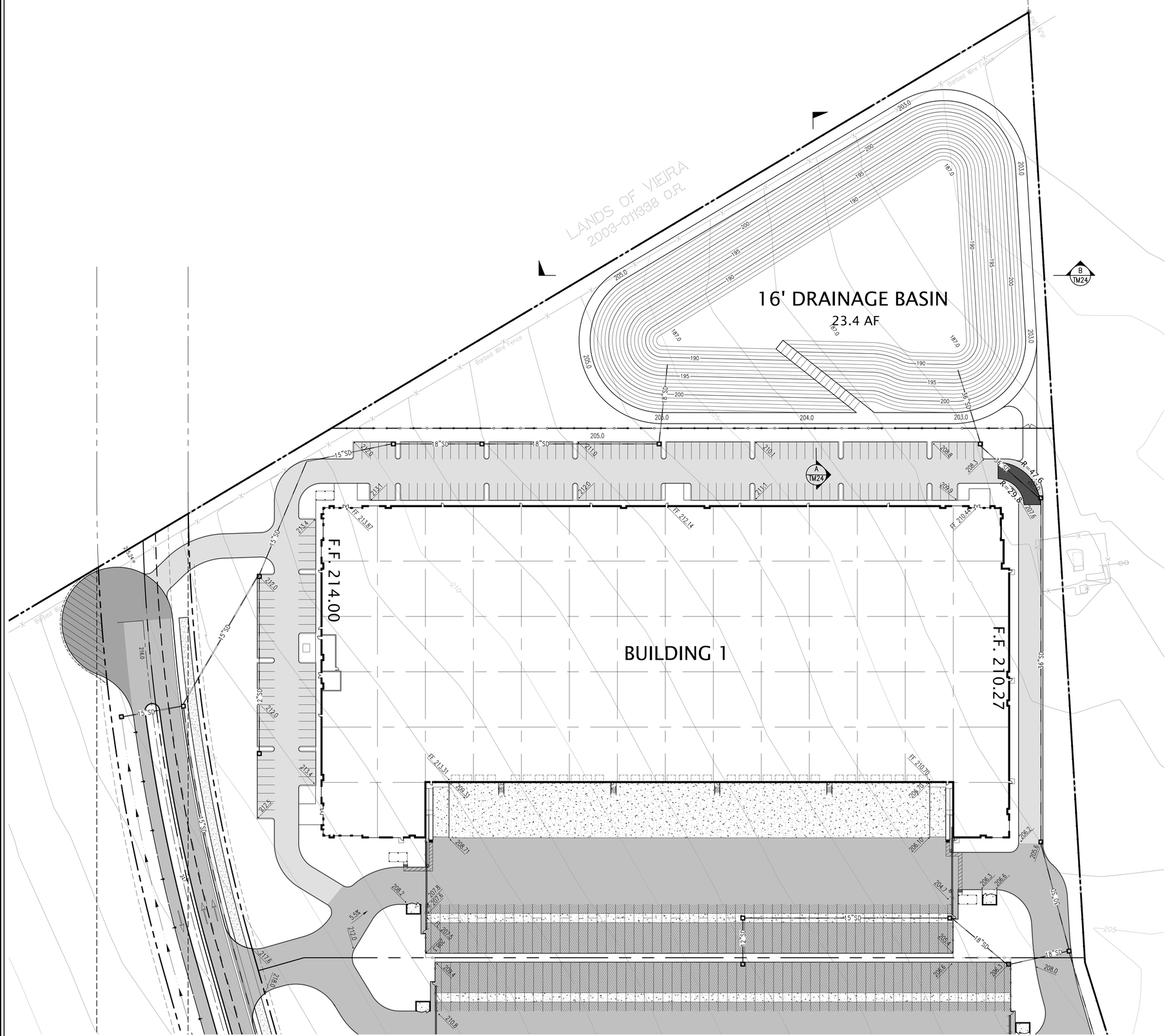
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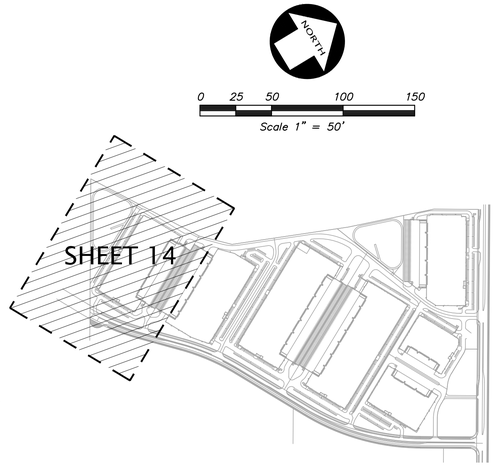
DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS OVERALL SITE PLAN

SHEET 13 OF 24 SHEETS

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VICINITY MAP

NOT TO SCALE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR VIOLATIONS OF ANY APPLICABLE STATUTE, ORDINANCE OR REGULATION DISCOVERED DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST REQUIRES, AS A CONDITION OF APPROVAL OF THESE PLANS, THE DEVELOPER SHALL INDEMNIFY AND HOLD HARMLESS THE CITY OF TRACY OR THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES OR ADDITIONS TO THESE PLANS AT ANY TIME DURING THE COURSE OF CONSTRUCTION IN THE CITY'S OPINION, ARE NECESSARY TO PROTECT PUBLIC INTEREST. THE CITY APPROVES THESE PLANS WITH THE UNDERSTANDING THAT THE ENGINEER OF WORK HAS BEEN RETAINED BY THE DEVELOPER TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
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REVISIONS			
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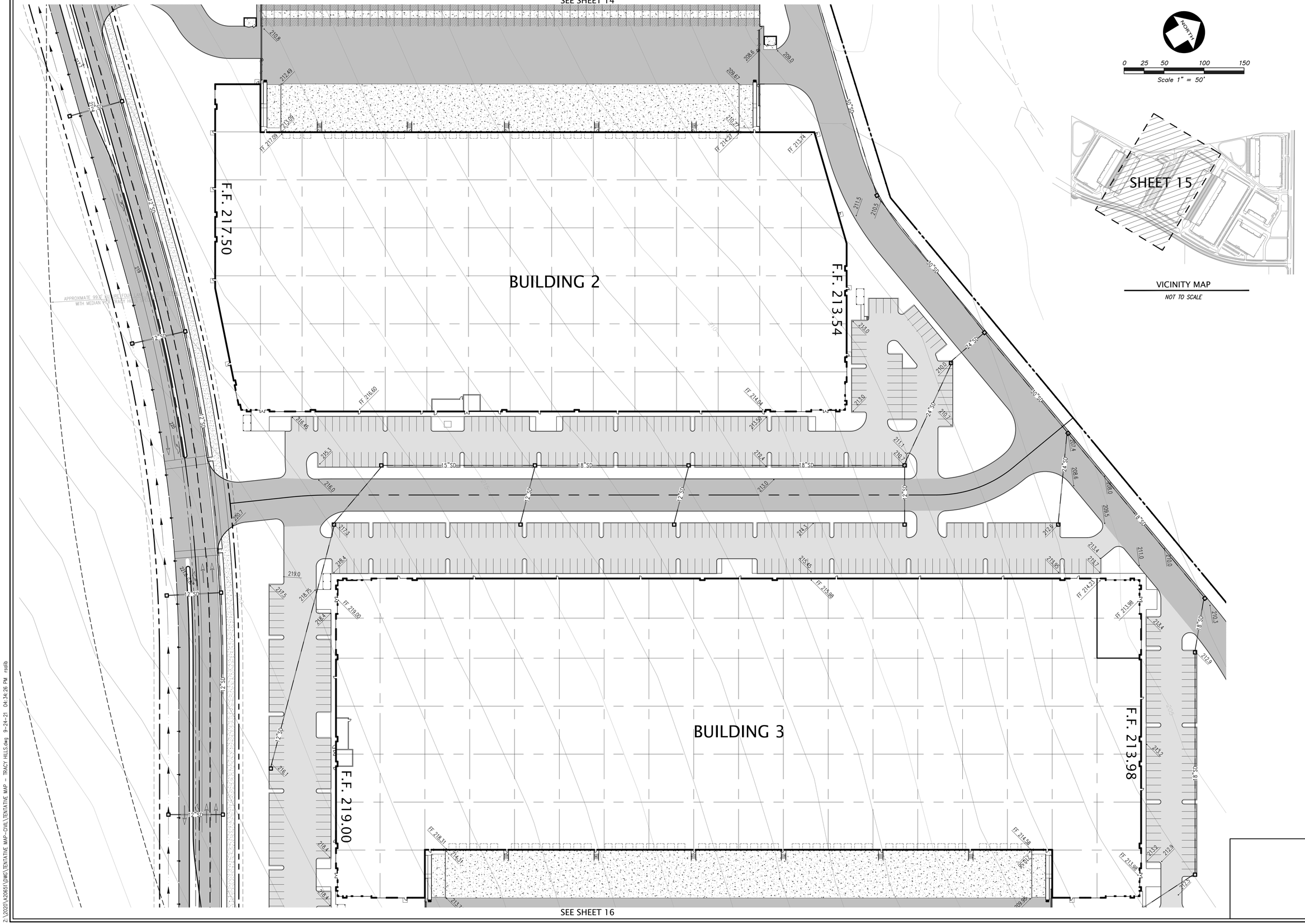
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MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL GRADING PLAN

SHEET 14 OF 24 SHEETS

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SEE SHEET 14



SEE SHEET 16

NORTH

0 25 50 100 150

Scale 1" = 50'

SHEET 15

VICINITY MAP

NOT TO SCALE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR OTHER DEFICIENCIES THAT MAY BE DISCOVERED DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST REQUIRES THAT CHANGES OR ADDITIONS BE MADE IN THE PLANS AND SPECIFICATIONS DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS SHALL BE MADE. THE OF TRACY OR THOSE ACTING ON BEHALF OF THE CITY OF TRACY OR THESE PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUCH CHANGES OR ADDITIONS AS MAY BE NECESSARY IN THE CITY ENGINEER'S SOLE DISCRETION. THE CITY ENGINEER'S APPROVAL OF THESE PLANS DOES NOT RELIEVE THE DEVELOPER OF COMPLYING WITH ALL APPLICABLE LAWS, REGULATIONS, AND STANDARDS OF THE CITY OF TRACY AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

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REVISIONS		
SYMBOL	DATE	DESCRIPTION
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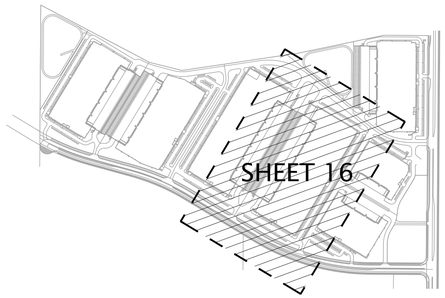
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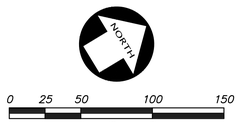
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MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL GRADING PLAN

SHEET 15 OF 24 SHEETS

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VICINITY MAP
NOT TO SCALE

SEE SHEET 15

BUILDING 3

BUILDING 4

BUILDING 7

BUILDING 6

F.F. 223.50

F.F. 218.39

SEE SHEET 17

SEE SHEET 18

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR OTHER DEFICIENCIES WHICH MAY BECOME APPARENT DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS FOR WHICH THESE PLANS ARE PREPARED. ANY CHANGES OR DEVIATIONS FROM THE APPROVED PLANS AND DETAILS SHALL BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION OF THE CHANGE OR DEVIATION. IF THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE THE DEVELOPER TO CONSTRUCT THE CHANGE OR DEVIATION AS NECESSARY TO CONFORM TO THE CITY'S STANDARDS AS THEY EXIST AT THE TIME THE CHANGE OR DEVIATION IS CONSTRUCTED. APPROVAL OF THESE PLANS IS BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITAS
No. 21814
CIVIL
STATE OF CALIFORNIA

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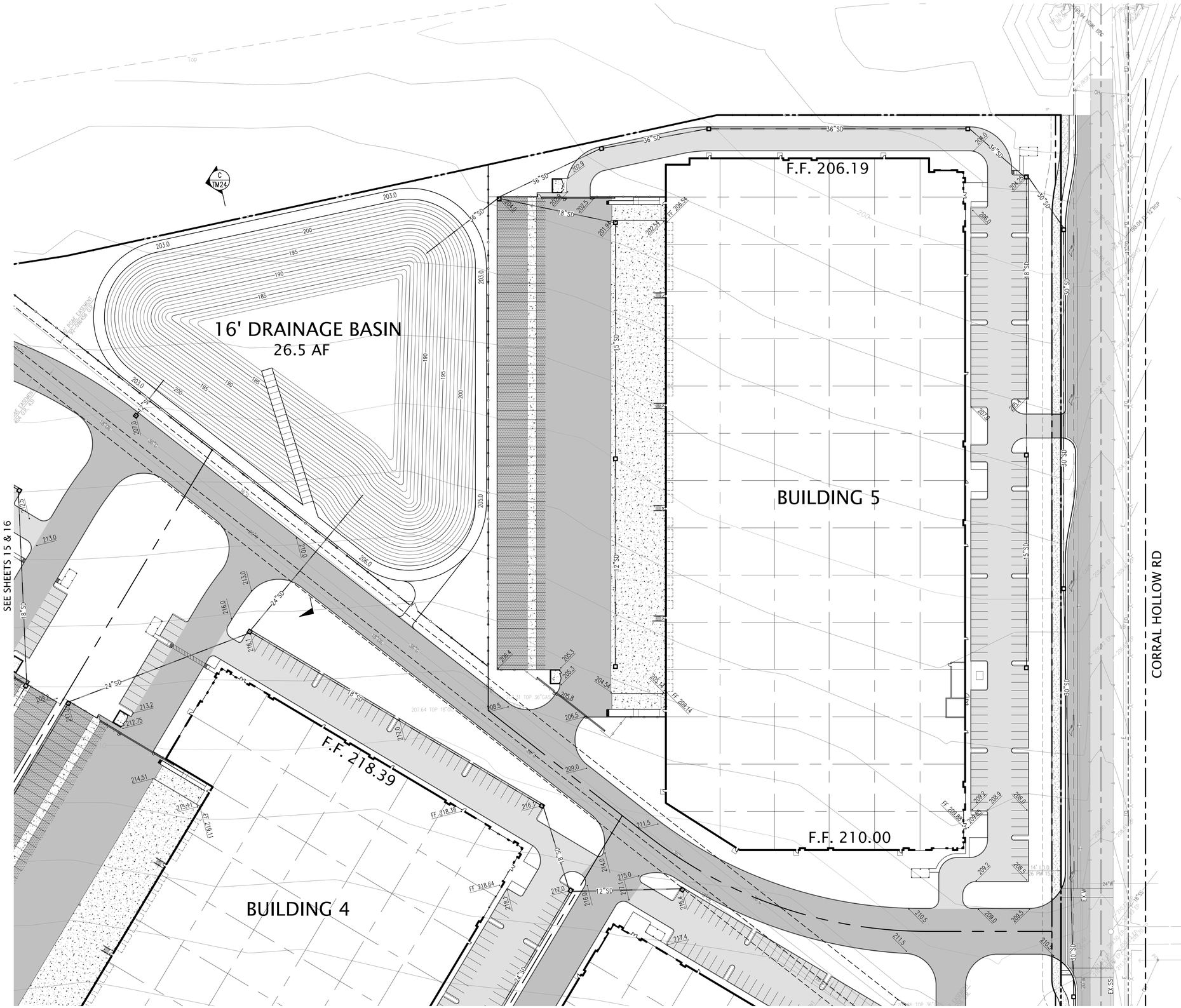
REVISIONS		
SYMBOL	DATE	DESCRIPTION
	6/15/21	CITY RESUBMITTAL

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL GRADING PLAN

SHEET 16 OF 24 SHEETS

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CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR CONFLICTS THAT BECOME APPARENT DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS FAILS TO PROTECT THE PUBLIC HEALTH, SAFETY AND WELFARE OR ANY OTHER PUBLIC INTEREST. IF DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE PLANS, THE CITY ENGINEER SHALL FIND THAT CHANGES OR ADDITIONS ARE REQUIRED FOR THE PROPER CARRYING OUT OF THE DESIGN INTENT AS EMBODIED IN THE SAID PLANS, OR OMITTING THE CITY'S APPROVAL AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON, APPROVED FOR THE CITY OF TRACY

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITAS
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REVISIONS

SYMBOL	DATE	DESCRIPTION
	6/18/21	CITY RESUBMITTAL

DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL GRADING PLAN

SHEET 17 OF 24 SHEETS

Z:\2020\A20651\DWG\TENTATIVE MAP-CIVIL\TENTATIVE MAP - TRACY HILLS.dwg 9-24-21 04:38:16 PM rsalib

SEE SHEET 16

SEE SHEET 17

BUILDING 7
F.F. 223.0

BUILDING 6
F.F. 218.0

F.F. 210.00

CORRAL HOLLOW RD

0 25 50 100 150
Scale 1" = 50'

NORTH

VICINITY MAP
NOT TO SCALE

SHEET 18

CITY OF TRACY

"APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTING ERRORS, OMISSIONS OR CONFLICTS DISCOVERED BY THE CITY ENGINEER DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST OF THE CITY OF TRACY OR THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE CHANGES OR ADDITIONS TO THE PLANS AS WARRANTED BY THE SAME IN THE JUDGMENT OF THE CITY ENGINEER. APPROVAL OF THESE PLANS AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY."

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
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REVISIONS

SYMBOL	DATE	DESCRIPTION
	6/18/21	CITY RESUBMITTAL

DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS
CONCEPTUAL GRADING PLAN

SHEET 18 OF 24 SHEETS

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LANDS OF VIERA
2003-0111338 O.R.

16' DRAINAGE BASIN
23.4 AF

BUILDING 1

SS PUMP

18"SD
36"SD
15"SD
12"SD
10"FS
16"W (POS)
3"W
SSFM
BFP
RW
FH
Barbed Wire Fence
Xxxx

SEE SHEET 20

NORTH

0 25 50 100 150
Scale 1" = 50'

SHEET 19

VICINITY MAP
NOT TO SCALE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS OR OTHER DEFICIENCIES IN THE PLANS. IF ERRORS, OMISSIONS OR OTHER DEFICIENCIES ARE DISCOVERED DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS FAIL TO MEET ESTABLISHED STANDARDS OF QUALITY AND WORKMANSHIP, THE DEVELOPER SHALL BE REQUIRED TO MAKE CORRECTIONS AS DIRECTED BY THE CITY ENGINEER. IN ADDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PUBLIC FACILITIES OR PROPERTY CAUSED BY THE DEVELOPER OR ITS CONTRACTORS, AGENTS OR EMPLOYEES DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS OF THE CITY OF TRACY OR THESE PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO WITHHOLD ANY OR ALL BUILDING PERMITS IF THE DEVELOPER IS DEEMED IN DEFAULT BY THE TERMS OF THE SUBDIVISION AGREEMENT OR IN THE EVENT OF UNSATISFACTORY PROGRESS BY THE DEVELOPER OR HIS CONTRACTORS IN MEETING THE COMPLETION DATE AGREED UPON IN THE SUBDIVISION AGREEMENT. THE CITY ENGINEER MAY ALSO WITHHOLD BUILDING PERMITS IF IN HIS OPINION SUFFICIENT PROGRESS IS NOT BEING MADE TOWARDS COMPLETION OF PUBLIC IMPROVEMENTS AS REQUIRED BY THE SUBDIVISION AGREEMENT.
THE CITY ENGINEER MAY REQUIRE CHANGES IN THE IMPROVEMENT PLANS AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

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SYMBOL	DATE	REVISIONS	APPROVED
	6/18/21	CITY RESUBMITTAL	

DESIGNED BY: MB
DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL UTILITY PLAN

SHEET 19 OF 24 SHEETS

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SEE SHEET 19

BUILDING 2

BUILDING 3

SEE SHEET 21

NORTH

0 25 50 100 150

Scale 1" = 50'

SHEET 20

VICINITY MAP

NOT TO SCALE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR OTHER DEFICIENCIES THAT MAY EXIST IN THESE PLANS DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST REQUIRES CHANGES OR ADDITIONS BE MADE IN THE PLANS AS CONSTRUCTION PROCEEDS, THE DEVELOPER SHALL MAKE SUCH CHANGES AND ADDITIONS AS MAY BE REQUIRED BY THE CITY ENGINEER. IN ADDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR ANY CHANGES IN THE PLANS NECESSITATED BY CONFLICTS WITH OTHER UTILITIES OR FACILITIES CONSTRUCTED IN THE VICINITY OF THE SUBDIVISION AFTER THE DATE OF APPROVAL OF THESE PLANS BY THE CITY ENGINEER. IF THE DEVELOPER FAILS TO MAKE SUCH CHANGES AND ADDITIONS AS MAY BE REQUIRED, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO STOP WORK ON THE SUBDIVISION UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE TO CORRECT THE CONDITIONS. THE CITY APPROVES AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

TRACY Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER MICHAEL F. BASSITOS No. 71814 Exp. 6-30-23 CIVIL STATE OF CALIFORNIA

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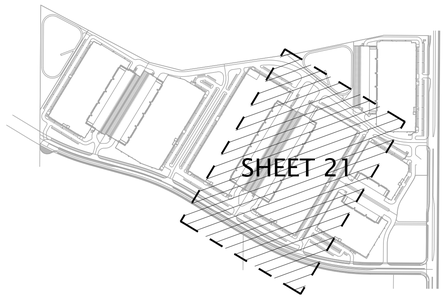
REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
	6/18/21	CITY RESUBMITTAL	

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DRAWN BY: RS
CHECKED BY:
SCALE: AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL UTILITY PLAN

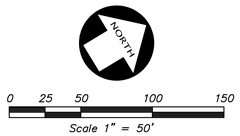
SHEET 20 OF 24 SHEETS

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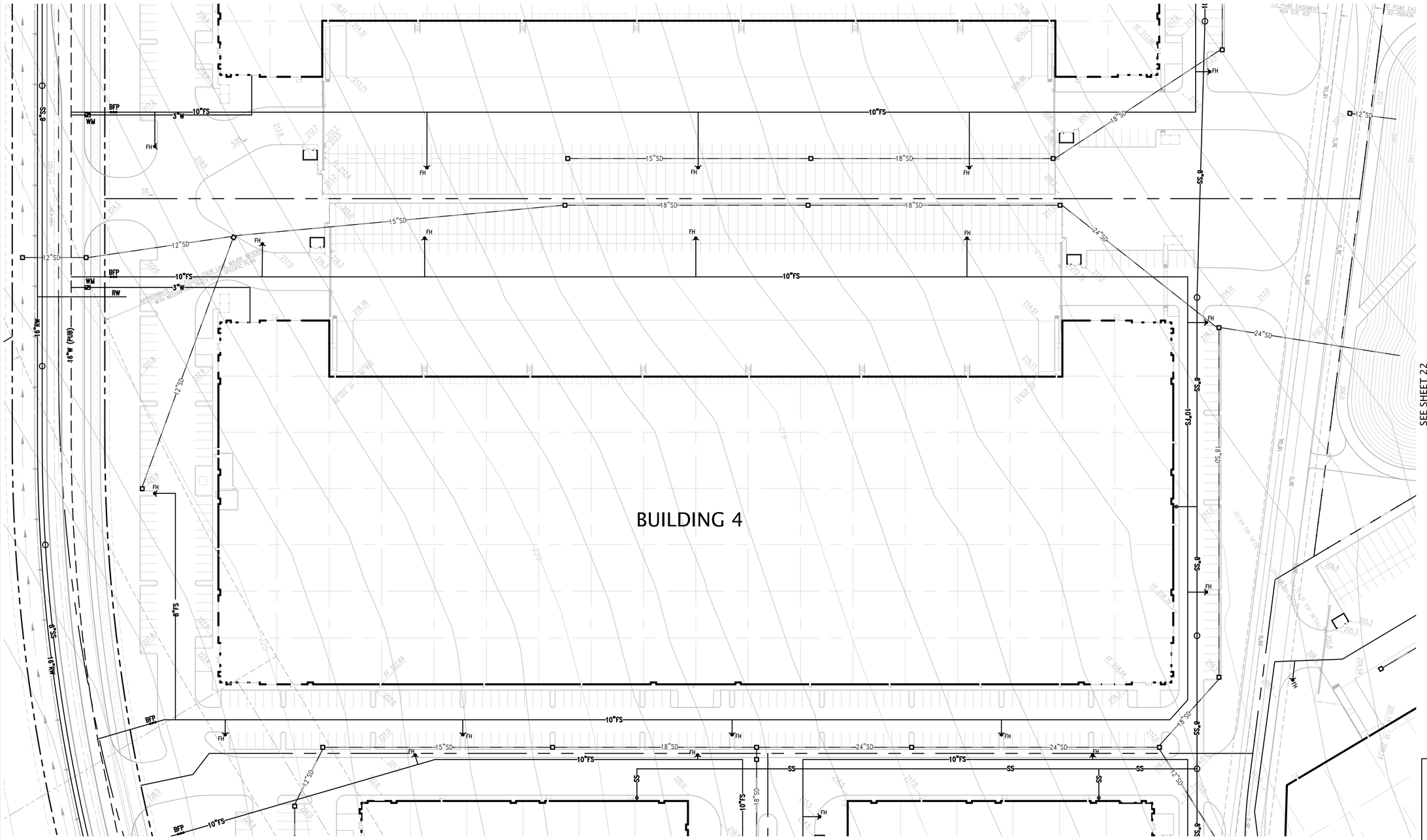


VICINITY MAP

NOT TO SCALE



SEE SHEET 20



CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS OR DEVIATIONS FROM APPLICABLE CODES AND ORDINANCES DISCOVERED DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST REQUIRES ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF TRACY STANDARD PLANS AND SPECIFICATIONS. BY SIGNING THESE PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO IMPOSE ANY REASONABLE CONDITIONS REQUIRED IN ORDER TO BRING THE SAME INTO CONFORMITY WITH THE STANDARDS OF THE CITY. THE CITY SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS OR DAMAGE WHICH MAY RESULT TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER MICHAEL F. BASSITOUS No. 71814 Exp. 12-31-21 CIVIL STATE OF CALIFORNIA

KIER+WRIGHT
2850 Collier Canyon Road
Livermore, California 94551
Phone (925) 245-8788
www.kierwright.com

REVISIONS			
SYMBOL	DATE	DESCRIPTION	APPROVED
	6/15/21	CITY RESUBMITTAL	

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL UTILITY PLAN

SHEET 21 OF 24 SHEETS

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16' DRAINAGE BASIN
26.5 AF

BUILDING 5

BUILDING 4

SEE SHEETS 20 & 21

SEE SHEET 23

CORRAL HOLLOW RD

NORTH

0 25 50 100 150

Scale 1" = 50'

SHEET 22

VICINITY MAP

NOT TO SCALE

CITY OF TRACY

APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF MISTAKES, OMISSIONS, OR ERRORS CONTAINED THEREIN. NOR DOES IT RELEASE THE DEVELOPER FROM THE NECESSITY OF OBTAINING ANY PERMITS OR EASEMENTS REQUIRED BY LAW FOR THE CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST OF THE CITY OF TRACY OR THESE PLANS. THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO APPROVE CHANGES OR DEVIATIONS FROM THESE PLANS DURING THE CONSTRUCTION WHERE UNFORESEEN FIELD CONDITIONS SO WARRANT. IN WITNESS THEREOF, THE SIGNATURE OF THE CITY ENGINEER IS AFFIXED HERETO.

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
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	6/18/21	CITY RESUBMITTAL

APPROVED

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS CONCEPTUAL UTILITY PLAN

SHEET 22 OF 24 SHEETS

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SEE SHEET 21

SEE SHEET 22

BUILDING 7

BUILDING 6

BUILDING 5

CORRAL HOLLOW RD

SHEET 23

VICINITY MAP
NOT TO SCALE

NORTH

0 25 50 100 150
Scale 1" = 50'

CITY OF TRACY

"APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR CORRECTION OF ERRORS, OMISSIONS, OR VIOLATIONS OF LAW THAT MAY EXIST IN THESE PLANS. NOR DOES IT RELEASE THE DEVELOPER FROM OBTAINING ALL PERMITS AND EASEMENTS REQUIRED FOR THE CONSTRUCTION OR THE IMPROVEMENTS PUBLIC INTEREST DURING THE COURSE OF CONSTRUCTION OR THE IMPROVEMENTS SHOWN ON THESE PLANS. THE APPROVAL OF THESE PLANS BY THE CITY OF TRACY OR THE CITY ENGINEER SHALL NOT BE CONSTRUED AS AUTHORITY TO VIOLATE, OR CANCEL ANY PROVISION OF ANY STATE OR FEDERAL LAW. ANY WORK DONE WITHOUT A VALID PERMIT OR IN CONFLICT WITH THE PERMIT PLANS IS SUBJECT TO IMMEDIATE STOP ORDER BY THE CITY ENGINEER. THE CITY APPROVES AS TO DESIGN ONLY BASED ON THE INFORMATION SUBMITTED HEREON. APPROVED FOR THE CITY OF TRACY."

ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

TRACY
Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITOS
No. 71814
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REVISIONS		
SYMBOL	DATE	DESCRIPTION
	6/18/21	CITY RESUBMITTAL

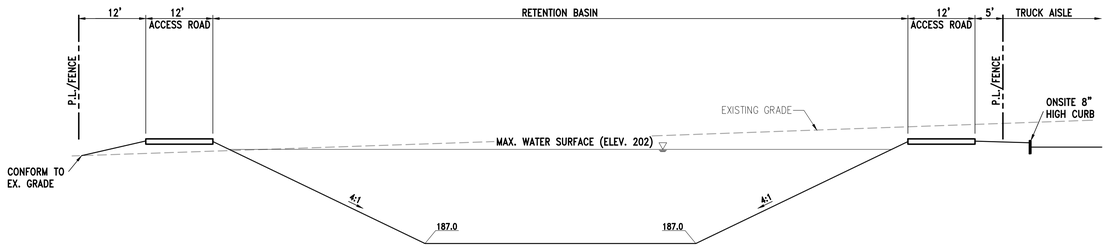
APPROVED

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS
CONCEPTUAL UTILITY PLAN

SHEET
23
OF 24 SHEETS

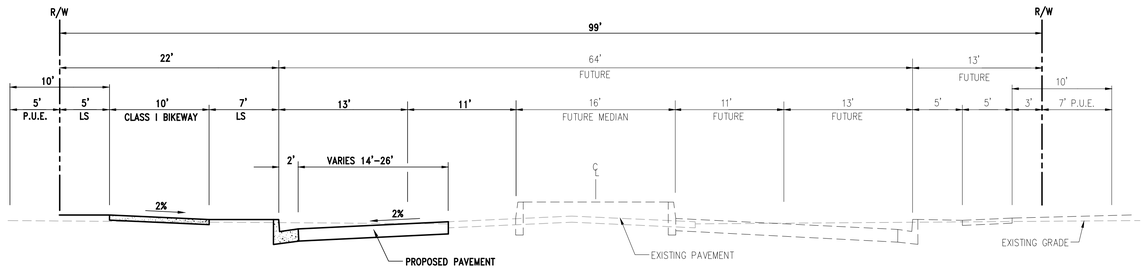
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SECTION A-A DRAINAGE BASIN

N. T. S.

A

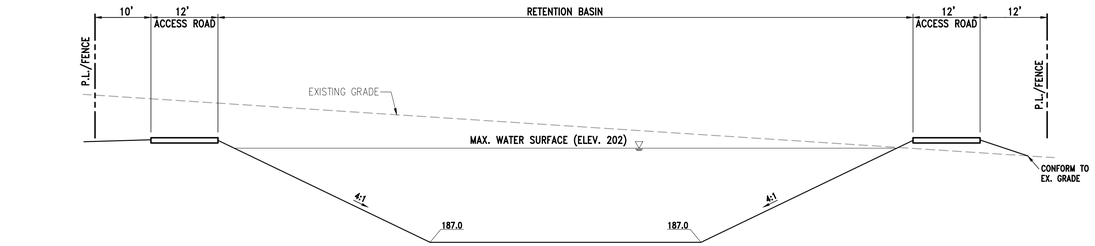


FOUR LANE MAJOR ARTERIAL WITH MEDIAN

CORRAL HOLLOW RD

N. T. S.

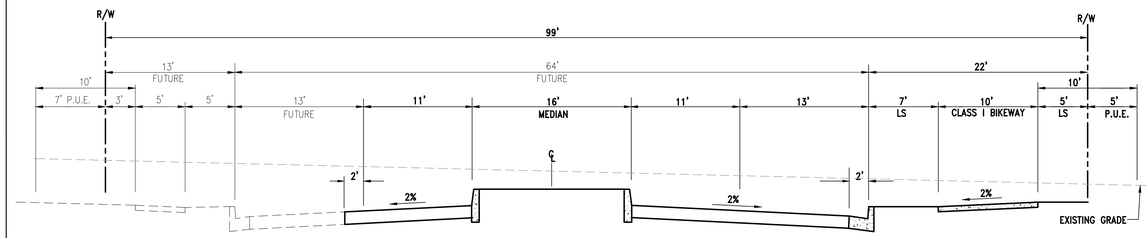
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SECTION B-B DRAINAGE BASIN

N. T. S.

B

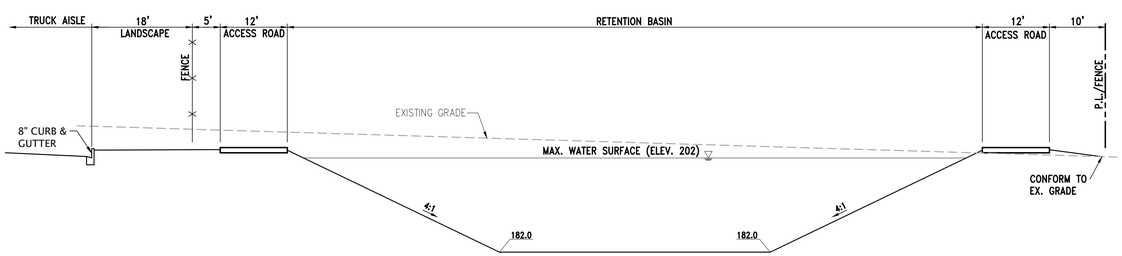


FOUR LANE MAJOR ARTERIAL WITH MEDIAN

NEW PUBLIC STREET

N. T. S.

E



SECTION C-C DRAINAGE BASIN

N. T. S.

C

CITY OF TRACY

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ROBERT ARMIJO, P.E. CITY ENGINEER DATE:

Think Inside the Triangle

REGISTERED PROFESSIONAL ENGINEER
MICHAEL F. BASSITOUS
No. 71814
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	6/18/21	CITY RESUBMITTAL	

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SCALE:
MB	RS		AS SHOWN

VESTING TENTATIVE SUBDIVISION MAP OF TRACY HILLS SECTIONS

SHEET

24

OF 24 SHEETS

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Attachment D

APPROVED AS TO FORM

_____
CITY ATTORNEY'S OFFICE

TRACY CITY COUNCIL

ORDINANCE NO. _____

---

1) APPROVING AN AMENDMENT TO THE TRACY HILLS SPECIFIC PLAN RELATED TO MAXIMUM BUILDING HEIGHT IN THE LIGHT INDUSTRIAL ZONE AND THE ADDITION OF APPENDIX E – DESIGN GUIDELINES FOR THE TRACY HILLS COMMERCE CENTER (APPLICATION NUMBER SPA21-0004); AND

2) DETERMINING THAT BASED ON THE ENVIRONMENTAL IMPACT REPORT THAT WAS CERTIFIED BY THE CITY COUNCIL ON APRIL 5, 2016, FOR THE TRACY HILLS SPECIFIC PLAN, AND THE CONSISTENCY ANALYSIS AND ENVIRONMENTAL CHECKLIST PREPARED BY THE CITY FOR THE TRACY HILLS COMMERCE CENTER PROJECT IN ACCORDANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) AND THE CEQA GUIDELINES, NO FURTHER ENVIRONMENTAL DOCUMENT IS REQUIRED, PURSUANT TO CEQA GUIDELINES SECTIONS 15162 AND 15168(c)(2).

WHEREAS, the Tracy Hills Specific Plan Area consists of approximately 2,767 acres located in the vicinity of Corral Hollow Road and Interstate 580; and

WHEREAS, the Tracy Hills Specific Plan was originally approved and annexed to the City in 1998, which included certification of an Environmental Impact Report (EIR); and

WHEREAS, on April 5, 2016, the City Council certified a Subsequent EIR and approved a General Plan Amendment and a comprehensive update to the Tracy Hills Specific Plan; and

WHEREAS, the Tracy Hills Specific Plan includes zoning for multiple land uses, including approximately 1,870 acres of residential, 127 acres of commercial, and 336 acres of light industrial; and

WHEREAS, on March 30, 2021, a development application was submitted for the Tracy Hills Commerce Center Project, which includes a proposed amendment to the Tracy Hills Specific Plan (Application Number SPA21-0004); and

WHEREAS, the Tracy Hills Commerce Center Project is located in an area designated Industrial by the General Plan and Light Industrial by the Tracy Hills Specific Plan; and

WHEREAS, the Tracy Hills Commerce Center Project consists of construction of seven industrial warehouse buildings ranging in size from approximately 117,907 square feet to

approximately 355,116 square feet, totaling approximately 1.73 million square feet, and associated parking and landscaping areas, located at 29592 S. Corral Hollow Road (Assessor's Parcel Number 253-020-23) on approximately 97.45 acres at the southwest corner of Corral Hollow Road and the Delta Mendota Canal; and

WHEREAS, the proposed Tracy Hills Specific Plan Amendment includes amending Table 2-6, Development Standards of the Light Industrial Zone District, by adding a new note "4" to allow the maximum building height of 45 feet to be exceeded by up to two feet to achieve variation in parapet height; and

WHEREAS, the proposed Tracy Hills Specific Plan Amendment also includes adding Appendix E – Tracy Hills Commerce Center Design Guidelines, which includes descriptions and exhibits of the overall site plan, conceptual building architecture, signage, circulation/pedestrian network, employee break areas, streetscape, preliminary landscape plan, lighting, and fencing; and

WHEREAS, based on the Environmental Impact Report (EIR) that was certified by the City Council on April 5, 2016, for the Tracy Hills Specific Plan, the City prepared a Consistency Analysis and Environmental Checklist for the Tracy Hills Commerce Center Project in accordance with the provisions of the California Environmental Quality Act (CEQA) and the CEQA Guidelines to document the finding that none of the conditions or circumstances that would require preparation of a subsequent EIR, pursuant to Sections 15162 and 15168 of the CEQA Guidelines, exist in connection with the proposed Tracy Hills Commerce Center Project, and therefore, pursuant to Section 15168(c)(2), no further environmental document is required; and

WHEREAS, the Planning Commission considered this matter at a duly noticed public hearing held on April 9, 2025, and following extensive public comments, the Planning Commission voted 4-0 to continue the public hearing to a future date to allow more time to review the agenda materials; and

WHEREAS, the Planning Commission considered this matter at a duly noticed and continued public hearing held on May 28, 2025, and following extensive public comments, a Planning Commissioner made a motion to recommend that the City Council introduce and adopt the ordinance to approve the proposed Tracy Hills Specific Plan Amendment, and the motion was seconded, but the motion failed by a vote of 2-3; and

WHEREAS, the City Council considered this matter at a duly noticed public hearing held on July 1, 2025.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TRACY DOES ORDAIN AS FOLLOWS:

SECTION 1 RECITALS. The City Council hereby finds and determines the foregoing recitals are true and correct and are hereby incorporated herein as findings and determinations of the City.

SECTION 2 CEQA COMPLIANCE. Based on the Environmental Impact Report (EIR) that was certified by the City Council on April 5, 2016, for the Tracy Hills Specific Plan, and the Consistency Analysis and Environmental Checklist prepared by the City for the Tracy

Hills Commerce Center Project in accordance with the provisions of the California Environmental Quality Act (CEQA) and the CEQA Guidelines, the City Council hereby finds that none of the conditions or circumstances that would require preparation of a subsequent EIR, pursuant to Sections 15162 and 15168 of the CEQA Guidelines, exist in connection with the proposed Tracy Hills Commerce Center Project, and therefore, pursuant to Section 15168(c)(2), no further environmental document is required.

SECTION 3 TRACY HILLS SPECIFIC PLAN AMENDMENT. The City Council hereby approves the Tracy Hills Specific Plan Amendment related to maximum building height in the Light Industrial Zone and the addition of Appendix E – Design Guidelines for the Tracy Hills Commerce Center, Application Number SPA21-0004, as shown in **Exhibit 1** hereto.

SECTION 4 SEVERABILITY. If any section, subsection, sentence, clause or phrase of this Ordinance is for any reason held to be invalid or unconstitutional by decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of the Ordinance. The City Council hereby declares that it would have passed this Ordinance and each section, subsection, clause or phrase thereof irrespective of the fact that one or more other sections, subsections, clauses or phrases may be declared invalid or unconstitutional.

SECTION 5 EFFECTIVE DATE. This Ordinance shall become effective upon the thirtieth (30th) day after final adoption.

SECTION 6 PUBLICATION. The City Clerk is directed to publish this Ordinance in a manner required by law.

SECTION 7 CODIFICATION. This Ordinance shall not be codified in the Tracy Municipal Code.

* * * * * * * * * * * * * *

The foregoing Ordinance _____ was introduced at a regular meeting of the Tracy City Council on the 1st day of July 2025, and finally adopted on the _____ day of _____ 2025, by the following vote:

AYES: COUNCIL MEMBERS:
NOES: COUNCIL MEMBERS:
ABSENT: COUNCIL MEMBERS:
ABSTENTION: COUNCIL MEMBERS:

_____
DAN ARRIOLA
Mayor of the City of Tracy

ATTEST: _____
APRIL B. A. QUINTANILLA
City Clerk and Clerk of the Council of the City of Tracy
Date of Attestation: _____

Exhibit 1 – Tracy Hills Specific Plan Amendment

TRACY



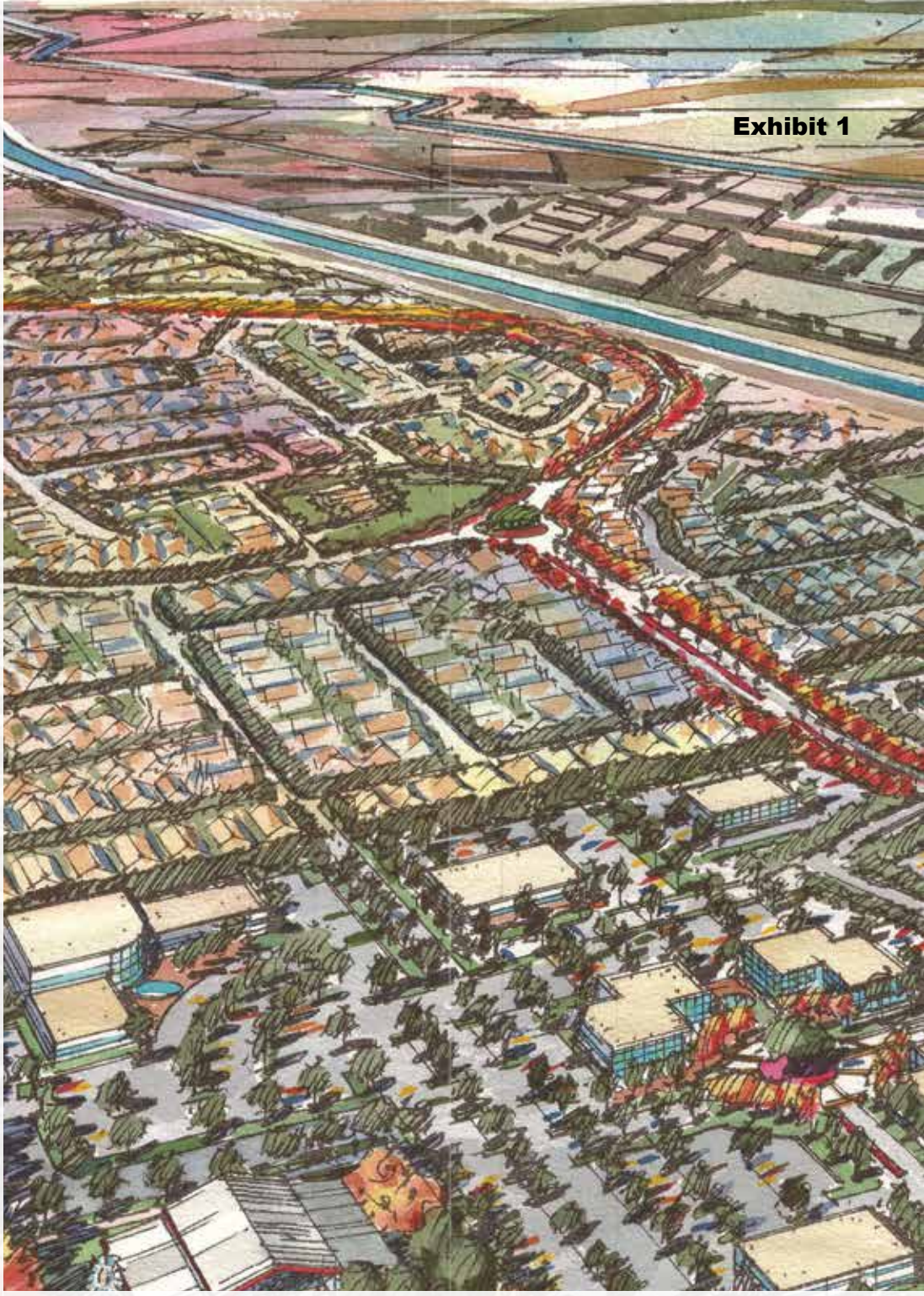


Exhibit 1

TRACY HILLS

Tracy Hills Specific Plan

Approved April 5, 2016 (City Council Resolution 2016-063)

Amendments incorporated herein:
Amended June 18, 2019 (Ordinance 1270)
A ended June 2 O din n e
A ended August 18 O din n e A ended N e e 7
O din n e Amended July 6, 2021 (Ordinance 1312)
Amended November 2, 2021 (Ordinance 1319)

DRAFT Amendment for Tracy Hills Commerce Center

5 ADMINISTRATION 5-1

5.1 THE PERMIT PROCESS 5-1

5.1.1 Tracy Hills Design Guidelines 5-1
5.1.2 Development Review 5-1
5.1.3 Conditional Use Permits 5-1
5.1.4 Tentative Maps 5-1
5.1.5 180-Acre Open Space Area 5-2
5.1.6 Development Phases other than Phase 1A 5-2

APPENDIX

A KT PROJECT A-1
B COMMUNITY GATEWAY ICON B-1
C PHASE 1B C-1
D PHASE 2 ..... D-1
E TRACY HILLS COMMERCE CENTER DESIGN GUIDELINES E-1

TABLE 2-6
DEVELOPMENT STANDARDS - LIGHT INDUSTRIAL ZONING DISTRICT

Development Standard	Light Industrial Zoning District
Maximum Lot Coverage	No Requirement
Minimum Lot Size	(1)
Minimum Lot Width	(1)
Minimum Front Yard Setback (2)	No Requirement
Minimum Interior Side Yard Setback (2)(3)	No Requirement
Minimum Street Side Yard Setback (2)	No Requirement
Minimum Rear Yard Setback (2)(3)	No Requirement
Maximum Building Height	45 feet(4)

(1) No subdivision or lot line adjustment shall be approved or lots otherwise created with size or dimensions rendering it incapable of meeting the land use, public utilities, or development standards of this Specific Plan.

(2) Any building / structure shall maintain minimum setbacks from the following pipelines: (refer to figure 1-4, Existing Conditions, for general location of pipeline easements)

- Phillips 66: minimum 16.25 feet from the edge of the pipeline easement
- Shell: minimum 10 feet from the edge of the pipeline easement
- PG&E and Chevron: minimum 15 feet from the edge of northeast side the pipeline easement and minimum 20 feet from the edge of the southwest side of the pipeline easement.

(3) No Requirement, except when adjacent to a residential zone, in which case 15 feet shall be required. Such yards shall be increased by 4 feet for every story above the ground floor, or 10 feet in height above 25 feet, whichever is less.

(4) The maximum height of a building may be exceeded by no more than two feet (2') to achieve variation in parapet height.

Appendix E

T Hi C e e Cen e
e i n ide ine

M

ep ed

DB+A

DAVID BABCOCK + ASSOCIATES
ARCHITECTURE LANDSCAPE PLANNING
3581 MT. DIABLO BLVD., SUITE 235
LAFAYETTE, CALIFORNIA 94549
T: 925.283.5070

APPENDIX E
Tracy Hills Commerce Center Design Guidelines

1. PURPOSE AND SCOPE

The design guidelines contained in Section 3.4 of the Tracy Hills Specific Plan apply Specific Plan-wide; however, implementation details are only shown for Phase 1A. The p p e Appendix E i p ide de i n ide ine and implementation details for the phase known as e T Hi C e e Cen e e ein e e ed the "Project"). The design guidelines for the Tracy Hills Commerce Center include descriptions and exhibits to define and illustrate the following components:

O e Si e n
- Conceptual Building Architecture

C e e Cen e Si n e
- Circulation/Pedestrian Network
- Employee Break Areas

S ee pe
e i in L nd pe n
- Lighting
- Fencing

2. LOCATION AND PROJECT DESCRIPTION

i e e T Hi C e e Cen e d e In e e e C H R d exi which includes on/off ramps in both the east and west bound directions. The Project is located approximately 1-mile north of Interstate 580 and is adjacent to the e Mend C n e n C H R d e e nd e p p ed Ne i R d e south, see Figure E-1. The Tracy Hills Commerce Center i n i e en ind i i din n in pp xi e e ee in an estimated 1.73 million square feet. The overall Project Floor Area Ratio (FAR) is approximately 40%, which provides for the necessary site circulation, vehicle parking, and landscaping required by the City.

3. OVERALL SITE PLAN

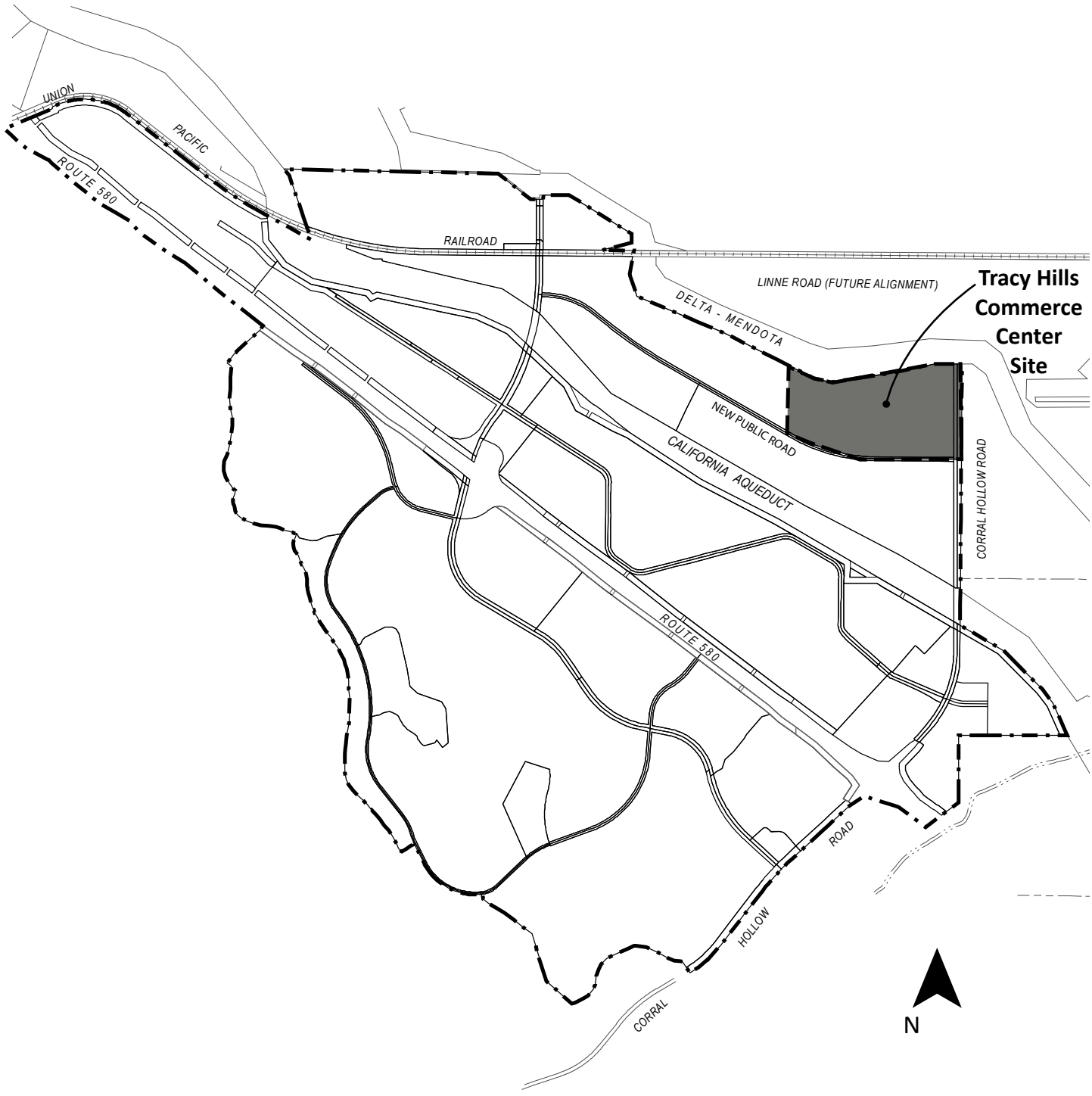
T e i e n i n e i din i e i e buildings grouped toward the eastern portion of the site n C H R d nd e i din e id and western portions of the site, see Figure E-2. Buildings n e in i e pp xi e e ee i e in ee e e i din from Corral Hollow Road and "New Public Road".

Private driveways between Buildings 2 and 3, between Buildings 4, 5, and 7, and between Buildings 6 and 7 and the properties east and west identified as "Not a i p ide e i e nd nd i e circulation and access. Vehicle parking is located at e p ee en n e e end e i din nd n one long side of the building. Extended building corners e de i ned n een din d nd d i e en n ed nd pin i nd entrances provide additional screening.

E p ee e e e p ided ne e end e i din nd i in de en e e e d de structures, and screen plantings to define the outdoor space. Fencing and sliding gates will be located at each e nd i e p ide e i e building.

4. CONCEPTUAL BUILDING ARCHITECTURE

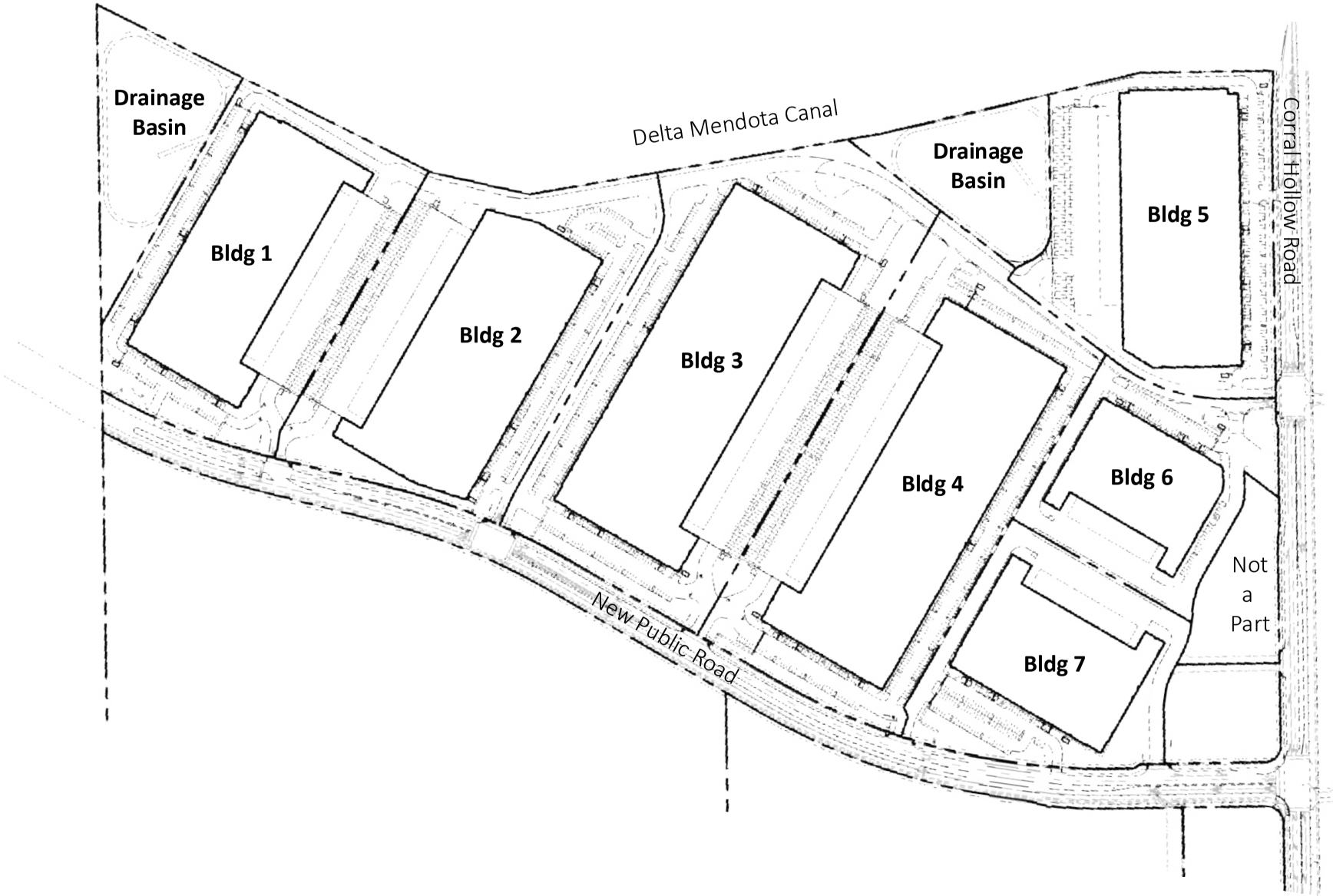
The conceptual building elevations have been designed in de n e e i en n ed en n pie i nd in p i e e i (ACM) panels and tilt up concrete panels to create visual variety, see Figure E-3. Generally, the building entrances e e e i e de i in nd e de i ned with occupant use in mind. As such, building design considerations include scale, wall massing, dock doors, nd i p e e n n e in p pe ei score lines, and paint colors to create visual interest. Figure E-4 presents the conceptual building design and ie e ee pe n Ne i R d Building 4.



TRACY HILLS

TRACY HILLS COMMERCE CENTER
Appendix E

Figure E-1
Location Map


Drainage Basin
Delta Mendota Canal
Drainage Basin
Corral Hollow Road
Bldg 1
Bldg 2
Bldg 3
Bldg 4
Bldg 5
Bldg 6
Bldg 7
Not a Part
New Public Road

S e H A A i e e


BLDG. 3 NORTH ELEVATION
BLDG. 3 WEST ELEVATION
BLDG. 3 SOUTH ELEVATION
BLDG. 3 EAST ELEVATION

S e H A A i e e



S e H A A i e e

Figure E-4
Conceptual Building Architecture Rendering

5. COMMERCE CENTER SIGNAGE

The Tracy Hills Specific Plan envisioned a variety of residential uses for Phase 1A. The signage concepts developed as part of Phase 1A included residential design characteristics and typical materials used with residential development.

Si n e e e i id p n e nd de i n in en e i ed i e A i in d e i e e e en de i e i nd n e e n i en i ind i de e p en nd e i din de i n e Tracy Hills Commerce Center.

T e i n de i n nd d n ined in i i e i n e been developed to identify the Project, list individual building tenants, and provide wayfinding and on-site circulation. Signage for the Project will consist of a project entry sign, monument signs, directional signs, and building signs. See Figure E-5 for sign locations. All signs will be illuminated to facilitate safe nighttime wayfinding.

1. Project Entry Signage

Identifies the primary entry for the entire Project. No tenant information will be incorporated on the project entry sign, see Figure E-6.

Project Entry Signage Standards

a. Height: 6-foot dark vertical design element;
b. Wall length: 15 feet (overall);
c. Sign area (excluding gray vertical design element) not to exceed 45 square feet;
d. Number of signs: one (1); and
e. No tenant information allowed.

2. Monument Signage

Identifies the building tenants at driveway entries, see Figure E-7.

Monument Signage Standards

a. M n en i n n ex eed e ee in area (excluding a base of up to two feet in height);
b. M n en i n e ed ini feet away from a public right-of-way and shall not exceed 6 feet in height, including the base;
c. M xi n en i n id n ex eed feet;
d. M n en i n n e i i lines, as set forth in the Tracy Municipal Code;
e. Single building tenants will be allowed the entire monument signage area;
f. Multi-tenant building's signage shall be divided by the total number of businesses in the building;
g. L e e en e ed n i n e p ne en the height of the signage panel is 1-foot 6-inches or greater only.

3. Wayfinding/Directional Signage.

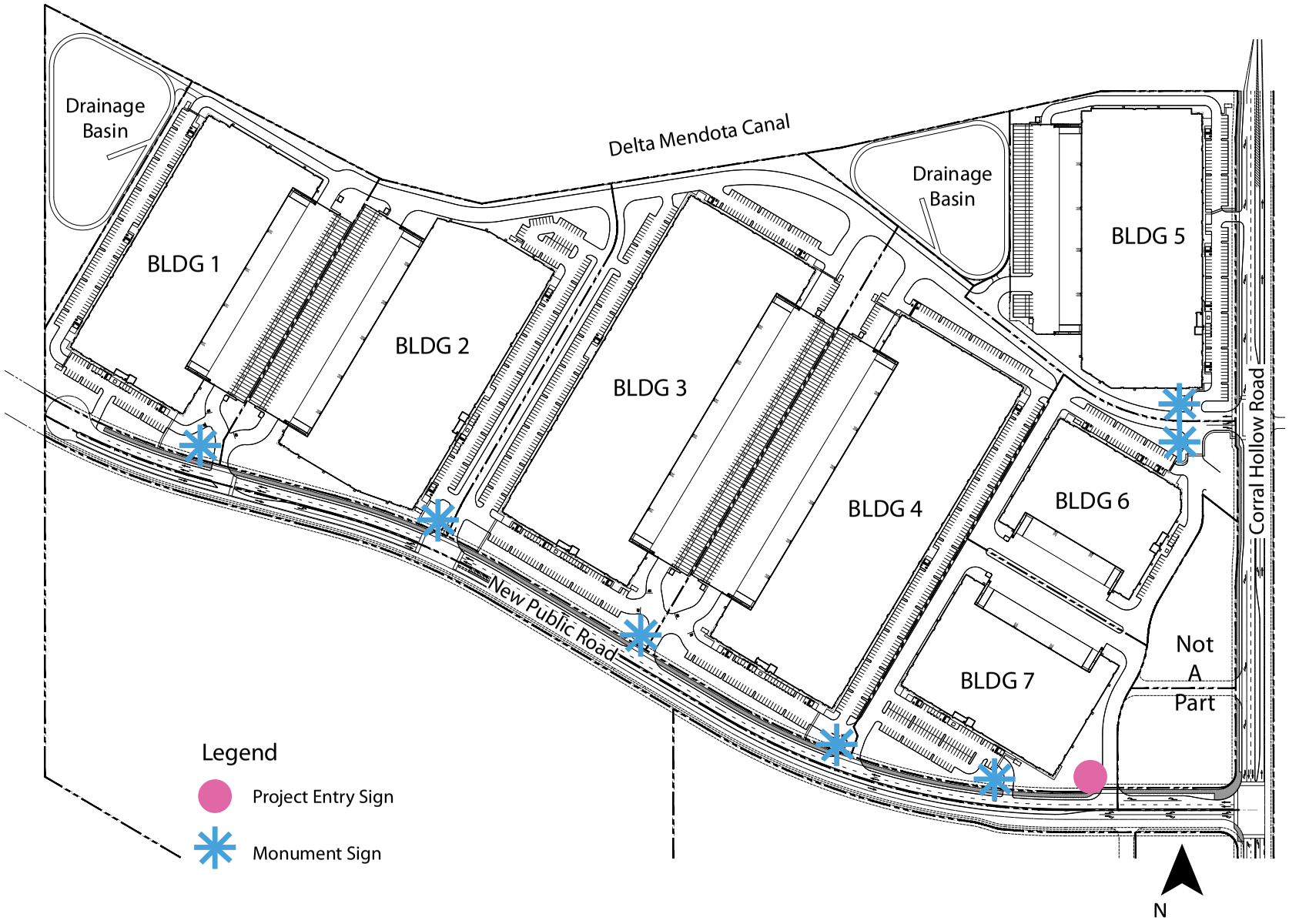
Wayfinding/directional signs will assist visitors with on-site wayfinding and denote the location of business entries and to assist with on-site vehicle circulation, see Figure E-8.

Directional Signage Standards

a. T e xi i n e e e ee i sign area dimensions of 3 feet tall x 3 feet wide. Directional signs shall have a maximum overall height of 6 feet, which includes a 3-foot high base.
b. Si n e in e d e ed dependin n sign location.
c. Directional signs will be located at a minimum of 10 ee e p i i p pe ine within the landscape planting areas or hardscape areas. These signs will generally be located at interior driveways and intersections to assist customers with wayfinding to each business within the Project.

4. Building Signage.

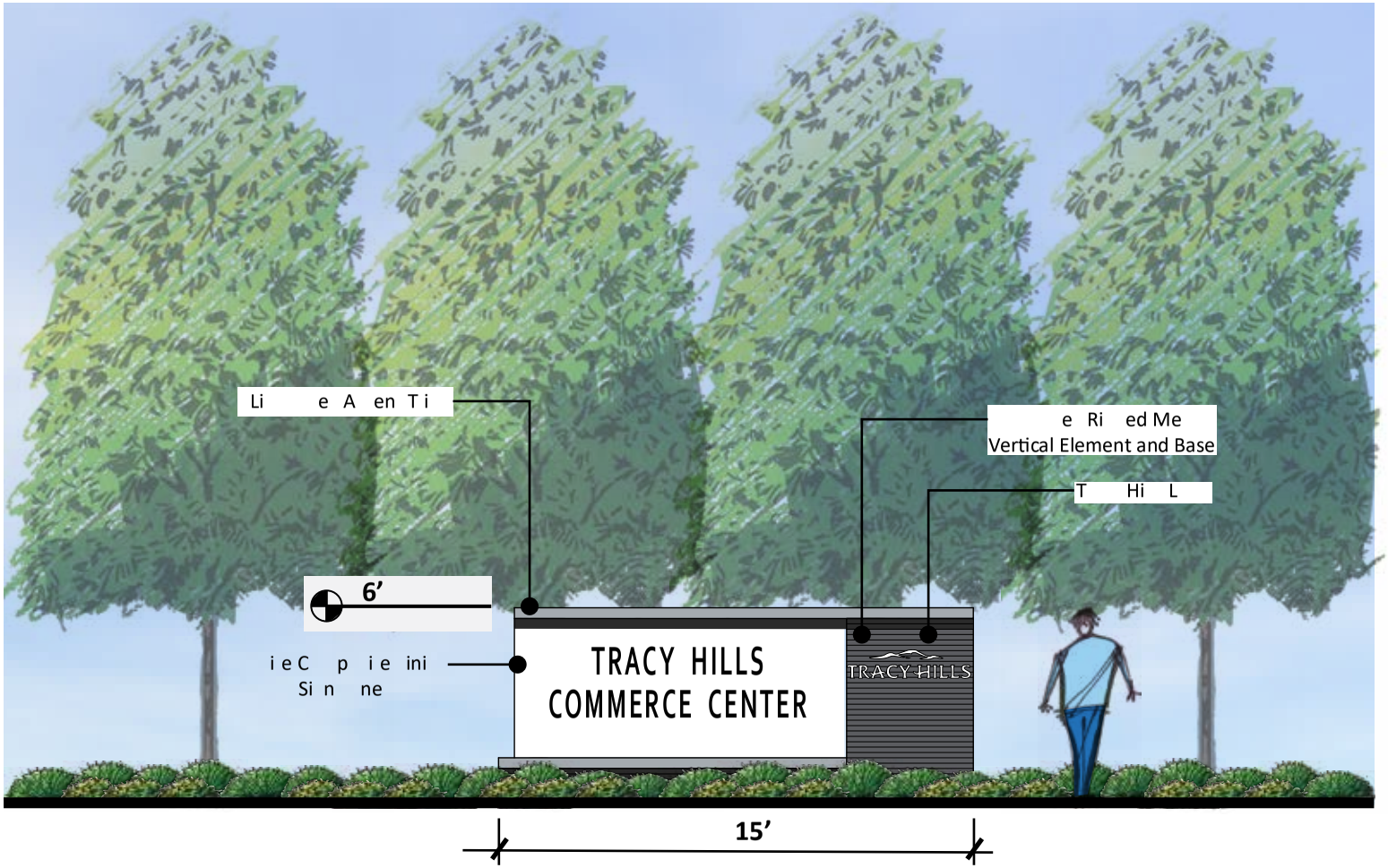
Building signage will be designed and permitted based on the requirements set for in the Tracy Municipal Code.

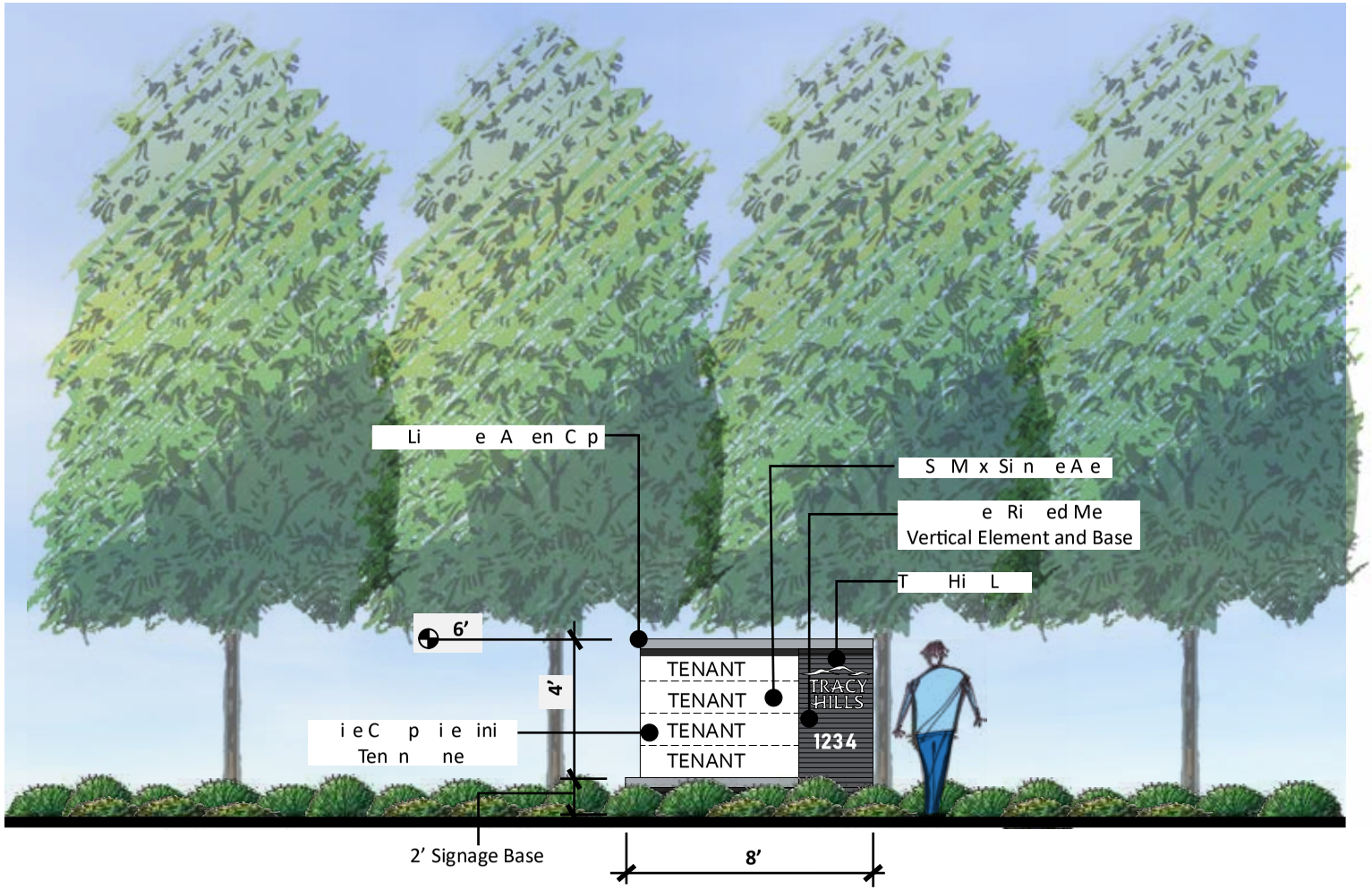


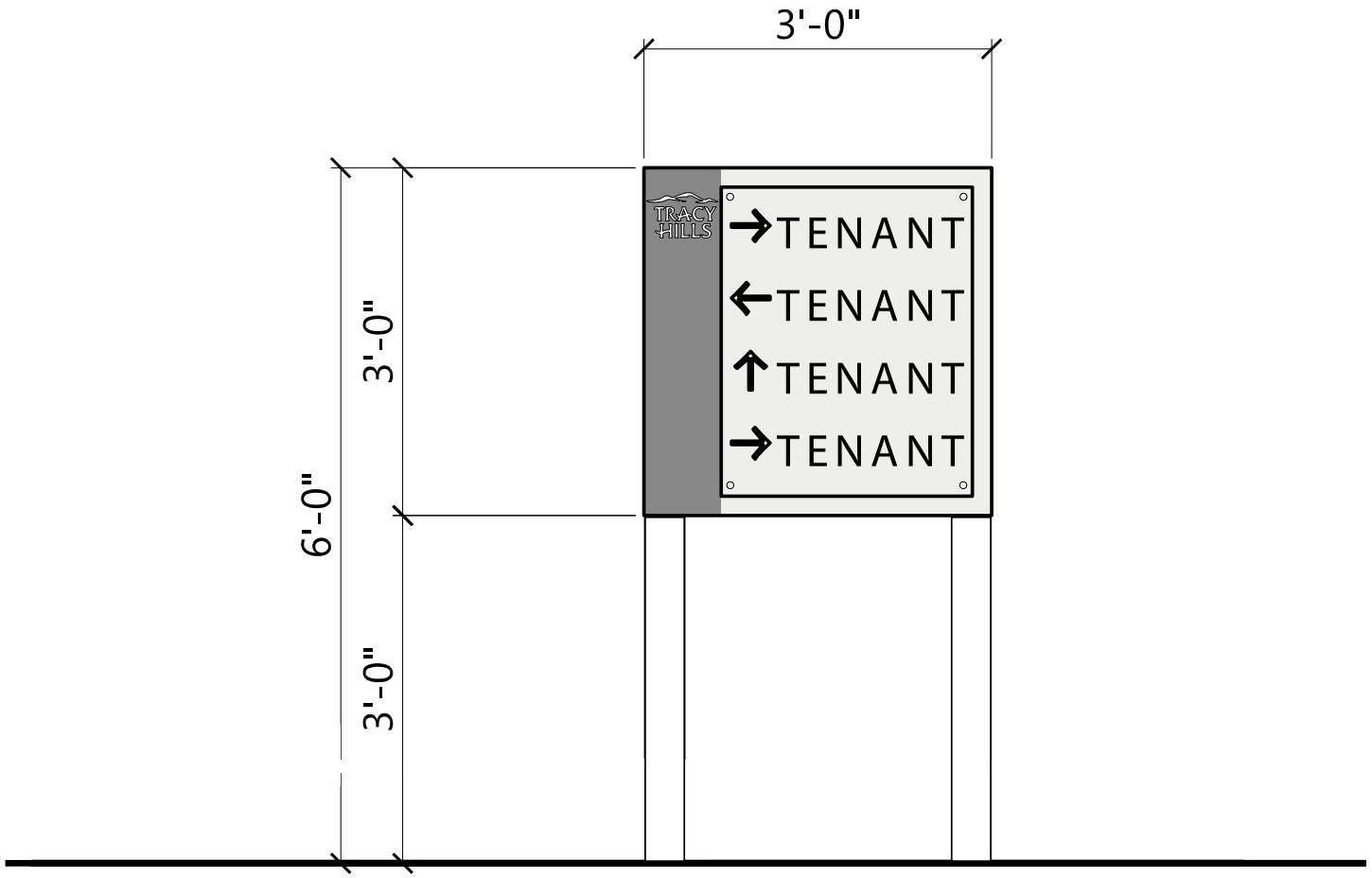
TRACY HILLS

TRACY HILLS COMMERCE CENTER
Appendix E

Figure E-5
Signage Location Plan


Li e A en Ti
e Ri ed Me
Vertical Element and Base
T Hi L
6’
ieC p ie ini
Si n ne
TRACY HILLS
COMMERCE CENTER
TRACY HILLS
15’


Li e A en C p
S M x Si n eA e
e Ri ed Me
Vertical Element and Base
T Hi L
6'
4'
TENANT
TENANT
TENANT
TENANT
TRACY HILLS
1234
i e C p i e ini
Ten n ne
2' Signage Base
8'



FRONT ELEVATION

6. CIRCULATION/PEDESTRIAN NETWORK

C H R d n e e n nd e e i in de ee i p e en n i signalized intersections to provide the main access to the site, see Figure E-9. New Public Road as well as internal p i e d i e i e e i ed p ide e C H R d e e nd i in de two signalized intersections, see Figure E-10.

An 89-foot four Lane Major Arterial with a median will ex end n n e p pe n e Ne Public Road. The street section will include 2 lanes in each direction, a right hand turn lane, a median, and a 5.5-foot sidewalk along the eastern portion of the street. The street section along the western property frontage will include a 10-foot Class 1 Bikeway and a 5-foot landscape planter adjacent to the curb, see Figure E-11.. The frontage will include an additional right turn pocket i n e nin e en the northernmost driveway and New Public Road. From e n e n p pe nd e d i in de an approximately 150-foot taper where it will match the exiting street improvements at the bridge over the Delta Mendota Canal.

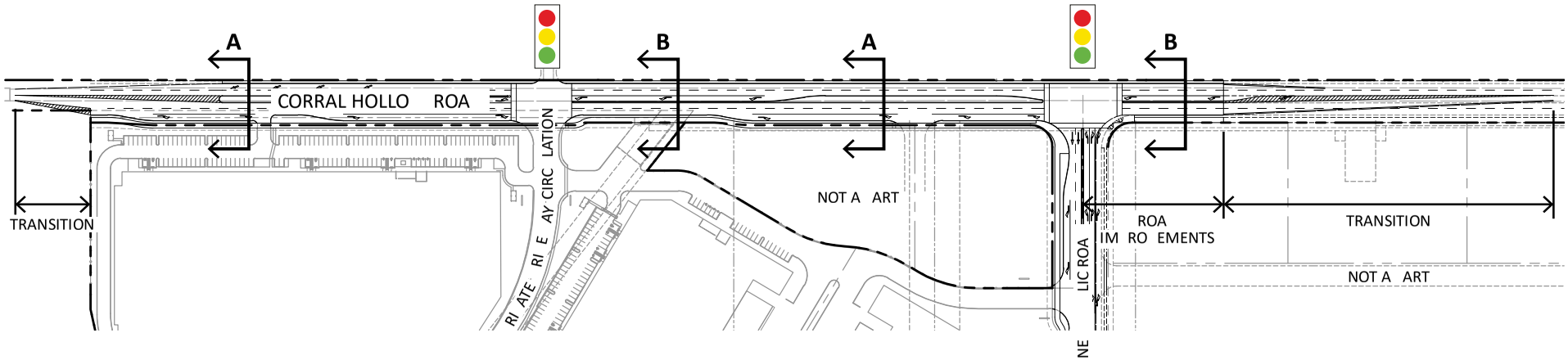
C H R d e Ne i R d i e improved to a 84-foot four lane Major Arterial and will ex end pp xi e ee e en e ine of New Public Road, The section will include 2 lanes in each direction, a median, and a 5.5-foot sidewalk along eastern street section. The western frontage will include a 10-foot Class 1 Bikeway along the western street section and a 5-foot landscape planter adjacent to the curb, see Figure E-12.. An approximately 650-foot taper will extend from the full street section improvements as described above to match with the existing street improvements to the south.

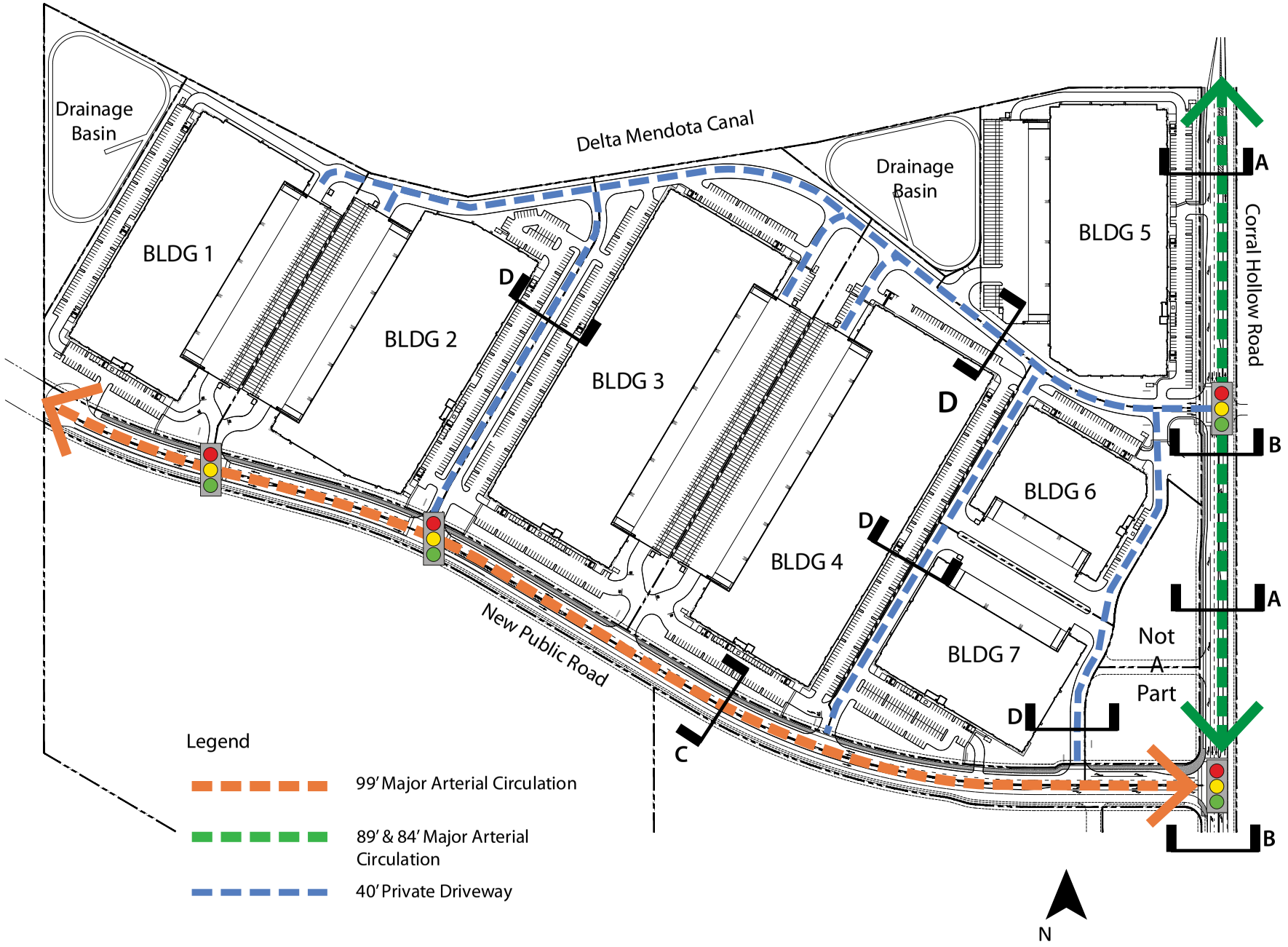
Ne i R d i ex end n e e n nd of the site and include a 99-foot four lane Major Arterial i edi n p idin e e p e C H nd p ide e e de e p en the west of the Project, see Figure E-13. Two full access signalized intersections are proposed from the New Public Road to provide driveway access and internal circulation to the site.

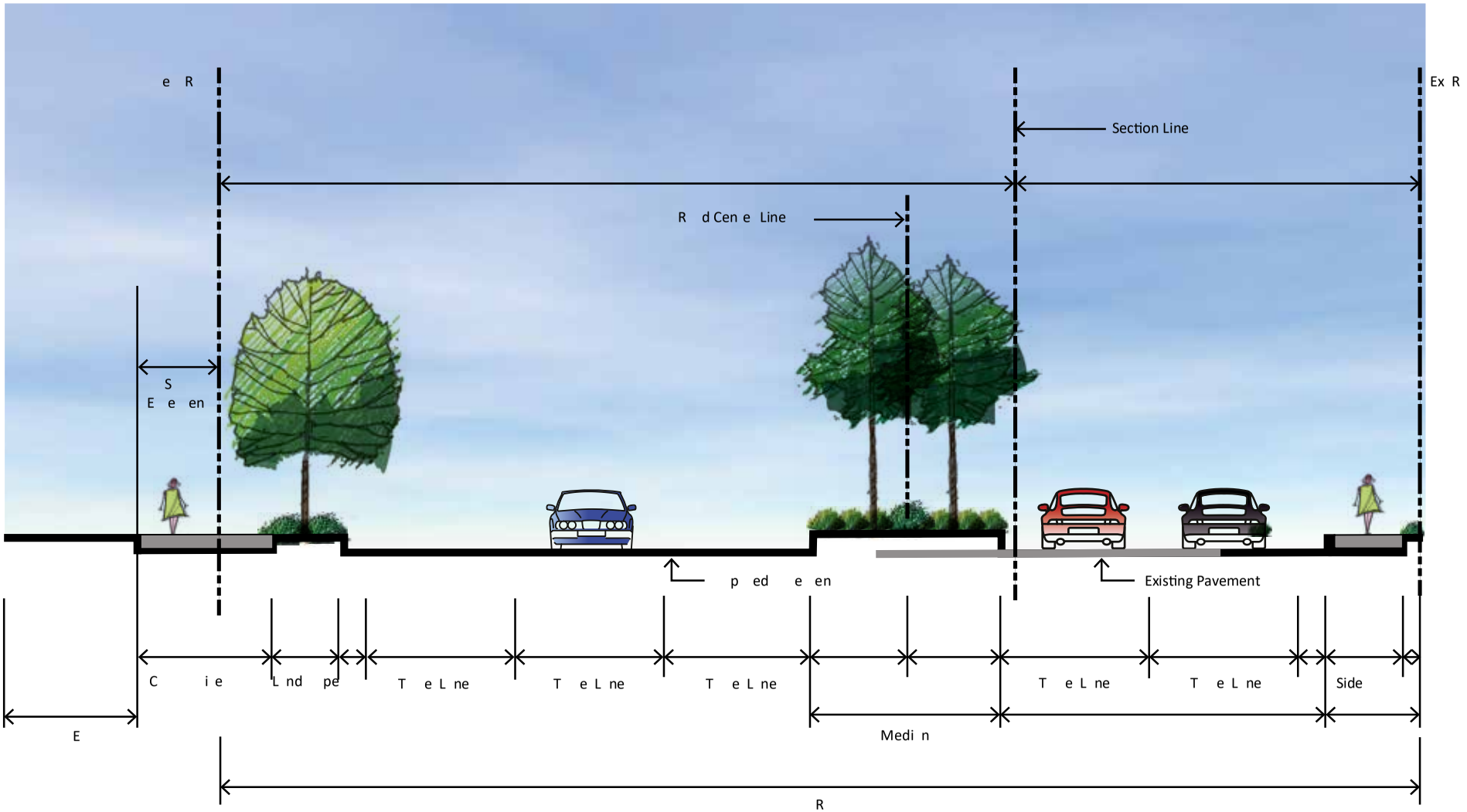
40-foot private driveways will provide internal access to the buildings and truck courts, see Figure E-14. One p i e d i e i ex end e p p ed i n i ed intersection at Corral Hollow west along the northern portion of Buildings 1 – 6, turning south between Building nd e e pin nne e Ne i Road. Two additional private driveways will be located between Buildings 4, 5, and 7 and between Buildings 6 and 7 and the properties to the east identified as “Not a Part.”

Pedestrian Network

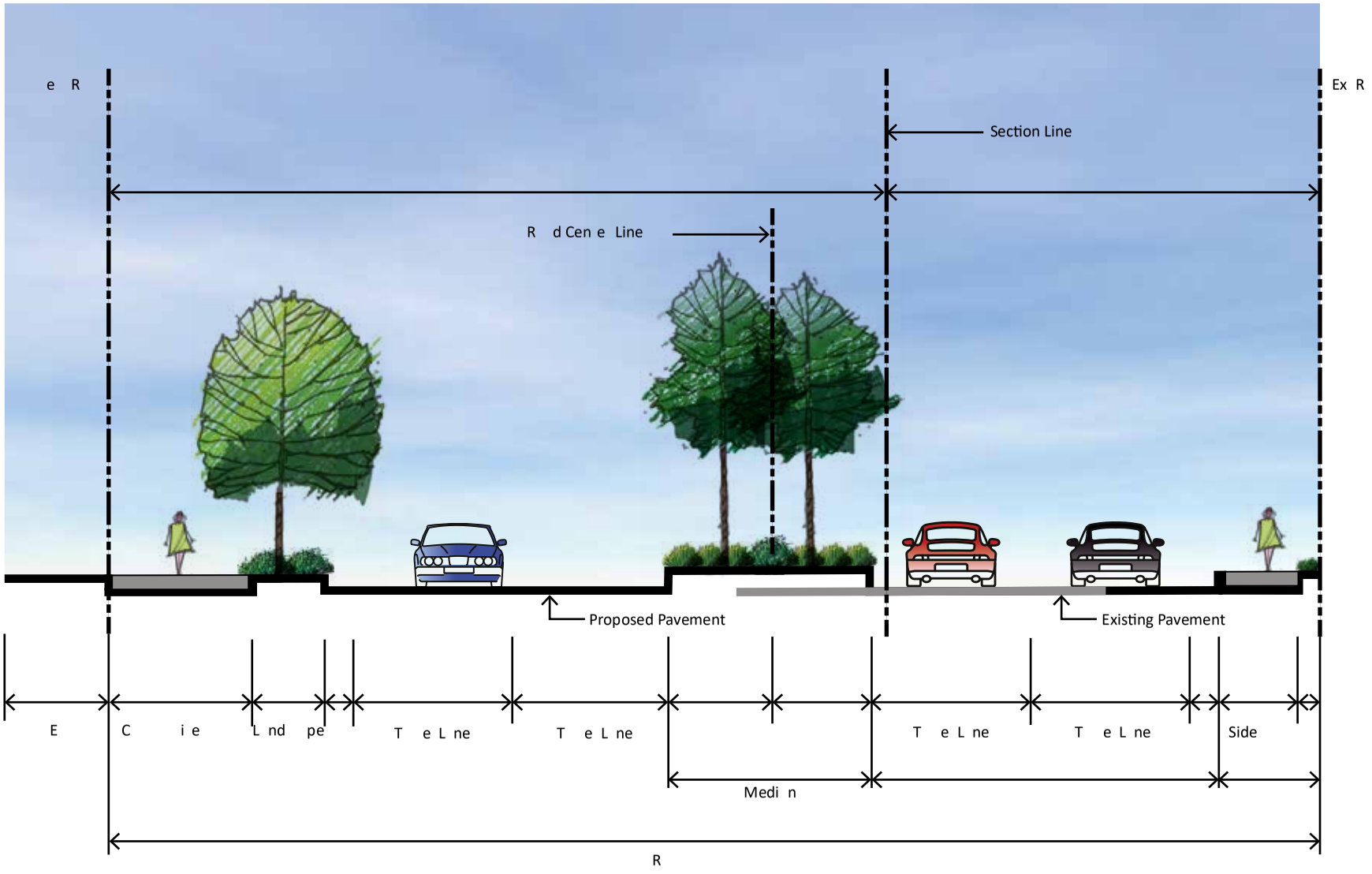
T e e i in de pede i n ne ep ed sidewalks along both public streets, see Figure E-15. Corral Hollow Road will include a 10-foot Class 1 Bikeway on the west side of the arterial. The proposed street n e e n p e nd i in de 10-foot Class 1 Bikeway on the north side of the arterial. Both these street sidewalk improvements will provide for connectivity to the Project, with the adjacent projects in Tracy Hills Specific Plan Area, and will complete a portion of the City-wide bike and pedestrian network.


A
B
A
B
CORRAL HOLLO ROA
TRANSITION
RI ATE RI E AY CIRC LATION
NOT A ART
LIC ROA
IM RO EMENTS
ROA
TRANSITION
NOT A ART
NE


Drainage Basin
Delta Mendota Canal
Drainage Basin
BLDG 1
BLDG 2
BLDG 3
BLDG 4
BLDG 5
BLDG 6
BLDG 7
Corral Hollow Road
New Public Road
A
B
C
D
Not A Part
N
Legend
99' Major Arterial Circulation
89' & 84' Major Arterial Circulation
40' Private Driveway

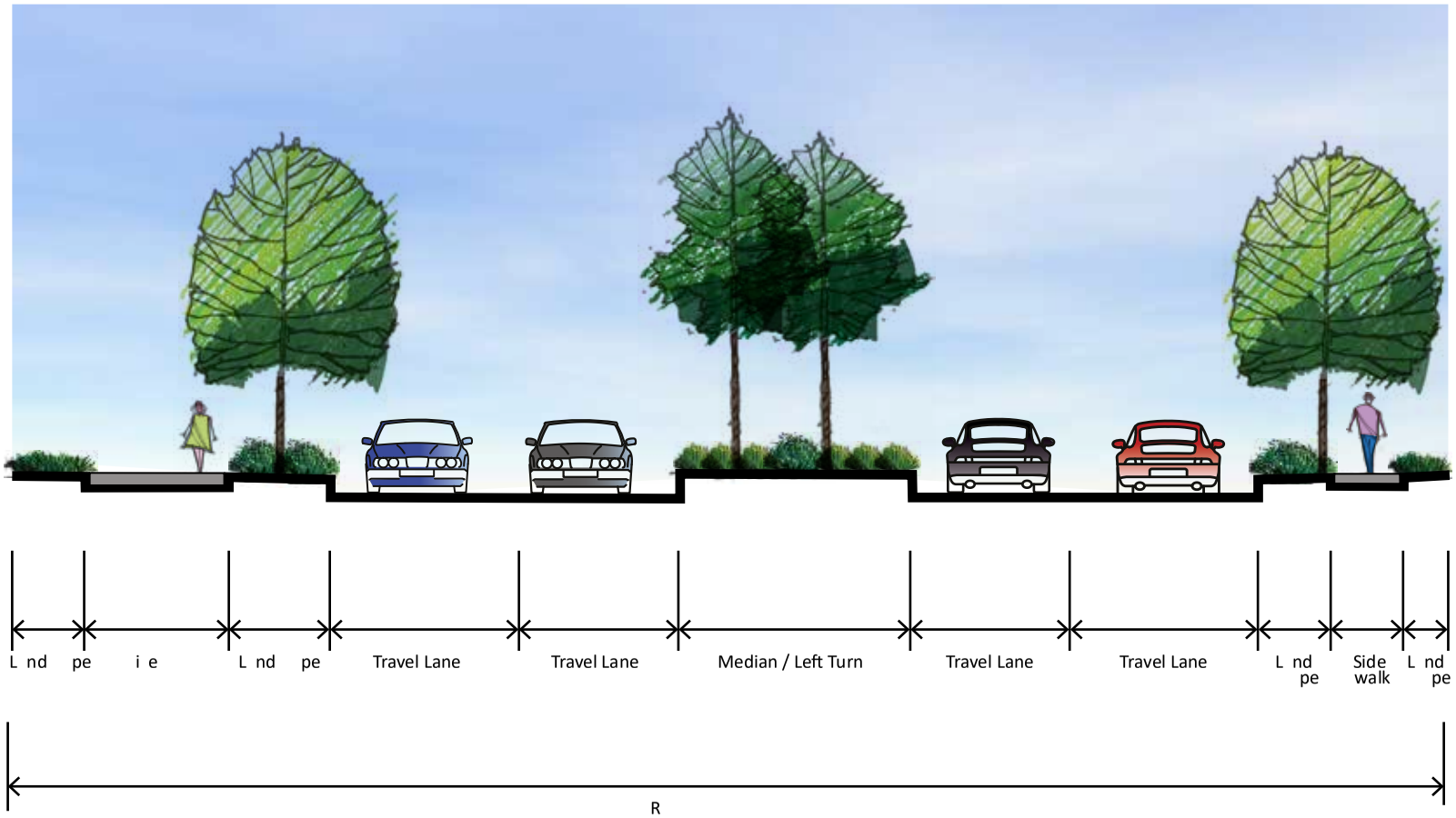


C H R d
(Ultimate Build-Out)
Section A

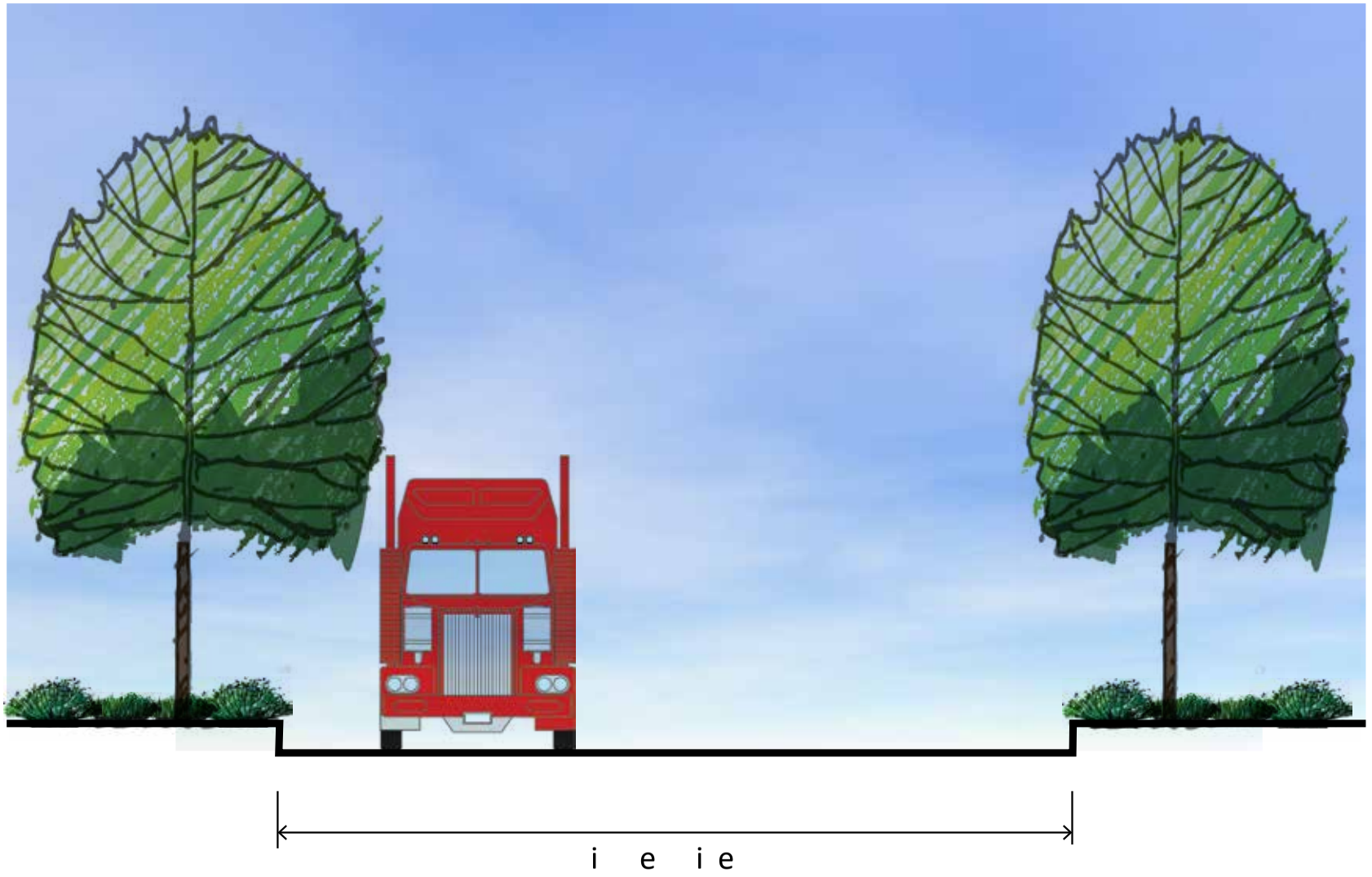


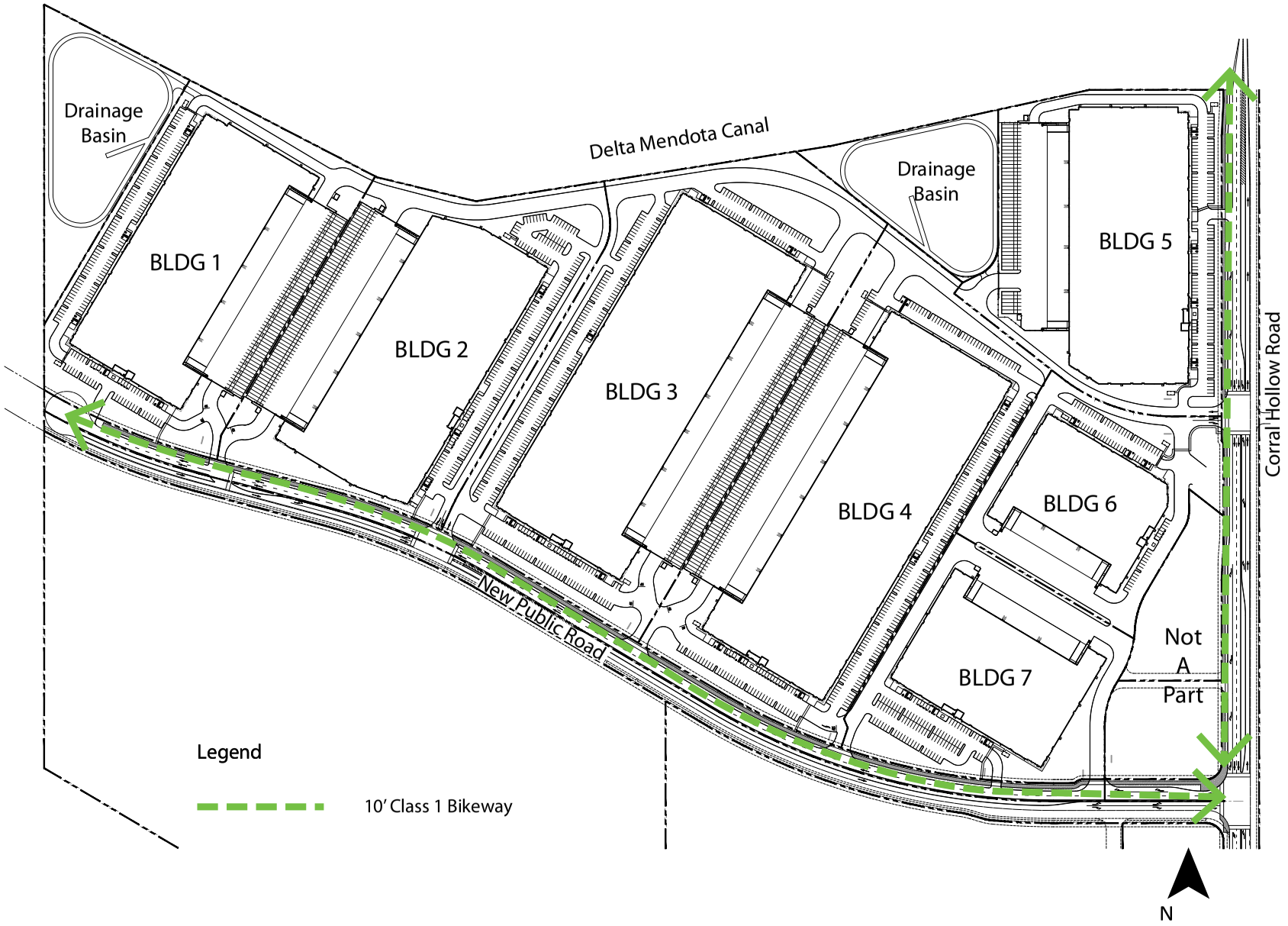
C H R d
(Ultimate Build-Out)
Section B

Tracy Hills
Commerce Center



New Public Road
(Ultimate Build-Out)
Section C


i e i e



TRACY HILLS

TRACY HILLS COMMERCE CENTER
Appendix E

Figure E-15
ede i n n

7. EMPLOYEE BREAK AREAS

T e e in de e p ee e e e generally located adjacent to the office buildings to allow employees easy access to outdoor space, see Figure E-16. Crosswalks and/or sidewalks will provide safe pathways to the break areas which will include tables, seating, and an overhead trellis structure for shade. The area surrounding e e e e i e nd ped i e nd edi nd ee e e e p i e nd e e ed e e p ee nd p ide natural wind break, see Figure E-17.

8. STREETSCAPE

T e i e p n e e nd i e i din design place the office functions of the buildings along both Corral Hollow and New Public Road. The building elevations n e e ee pe n e e e i e detailing and building offsets, added variation in materials and colors, and a higher glass to wall ratio to create a more visually interesting streetscape. Extended building corners e de i ned n een din d nd d i e en n ed nd pin i nd entrances provides additional screening.

The Project also includes a generous landscape planting design within the public streetscape frontages. A 25- e e i n C H R d n i edi pe enni nd grasses and tree plantings that will assist in screening the parking lot and will also help to soften the scale of the building fronting the street. A similar landscape design is continued along the New Public Road public right of way. The setback from the right of way along New Public Road varies from approximately 16 feet to 30 feet and will n i i i de i n e C H R d i edi pe enni nd e nd ee plantings at the buildings, parking, and truck courts.

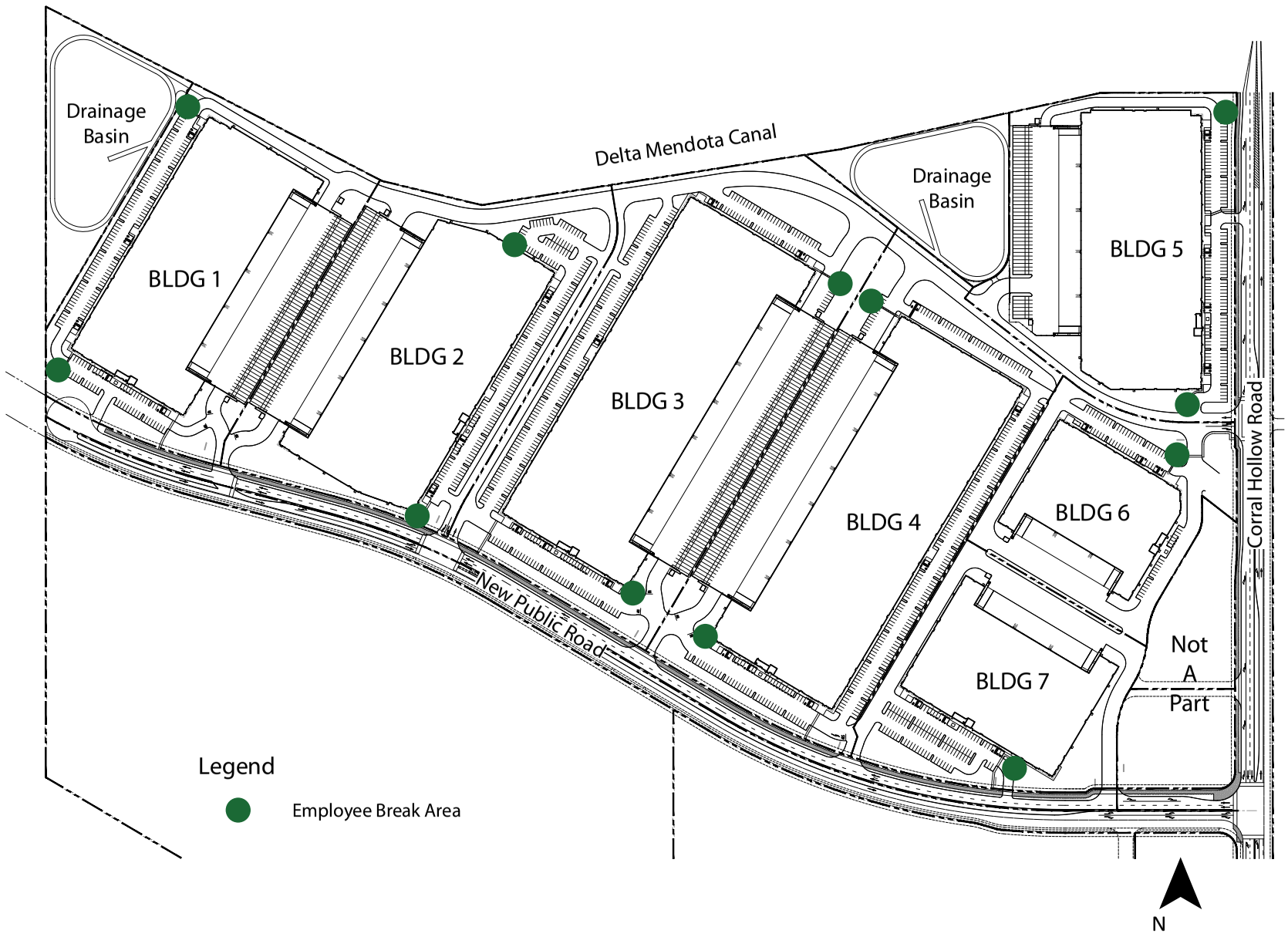
9. PRELIMINARY LANDSCAPE PLAN

T e e i in L nd pe n n i ie ee shrubs, and understory planting that will add color and texture to the Project, see Figure E-18 and E-19. A formal ee i e p n ed n e ee nd i include flowering accent trees at the driveway entries to denote access points to the Project and buildings. Behind the street tree planting, informal groupings of trees will be planted adjacent to the parking lots and in the planting islands at the ends of the buildings. Planting islands at the truck court entrances of Buildings 1 and 2, and Buildings 3 and 4, will be planted with grouping of trees and large shrubs to help soften views of the truck docks and trailer parking. Due to the use and space needed to maneuver nd i e nd pin i n p p ed i in e truck courts.

T e p n i e e een de e ped p e en e e e e T Hi Specific Plan area, while also responding to the landscape requirements for industrial development, see Figure E-20.

The landscape has been designed with consideration of e n n e in e ee nd nd in de ix de id nd e e een p n e e i interesting appearance year-round. The following items d e n ide ed in e nd pe de i n p e e in e ee ee e e e ee network.

- Incorporate formal landscape planting along e ee pe nd e e e in appearance within the Project interior.
- ide e pin in nd understory planting to create a more visually interesting and cohesive landscape.
- Design the landscape to anticipate tree spacing to avoid conflicts with street lighting.
- Interior lighting design should provide proper illumination for safety purposes.
- Include California native and drought tolerate species to encourage water conservation and reduce irrigation needs.



TRACY HILLS

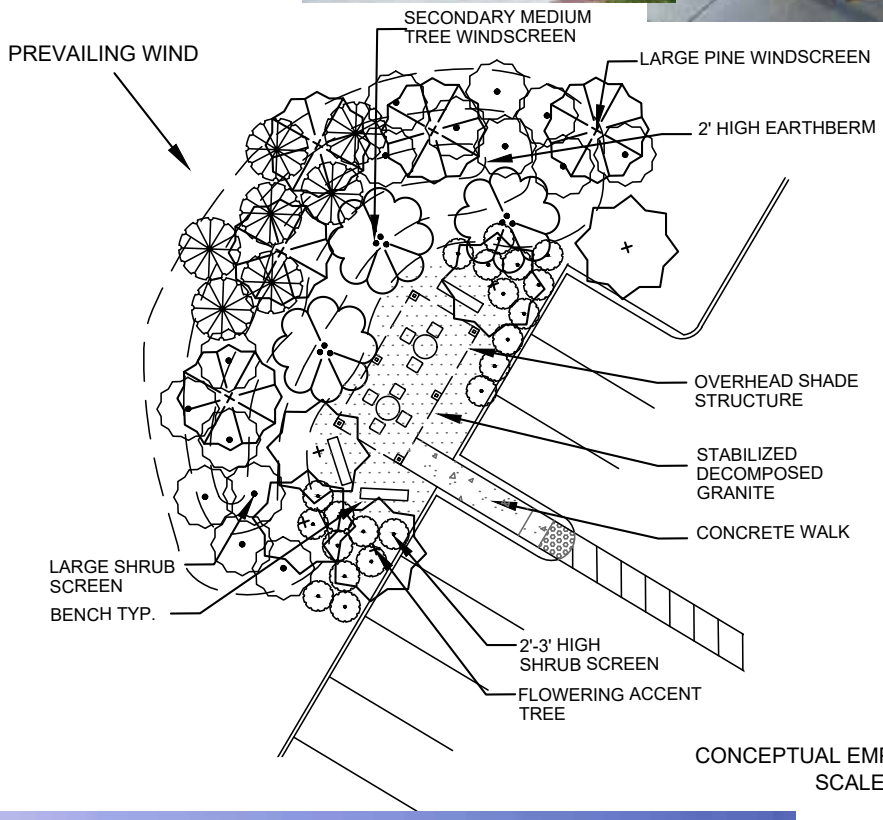
TRACY HILLS COMMERCE CENTER
Appendix E

Figure E-16
Employee Break Area Plan

FURNISHINGS







CONCEPTUAL EMPLOYEE BREAK AREA
SCALE: 1"=20'

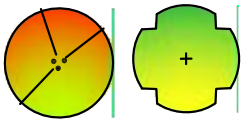



Drainage Basin
Bldg 1
Bldg 2
Bldg 3
Drainage Basin
Bldg 5
Bldg 4
Bldg 6
Bldg 7
N
C H R d
Ne i R d

LANDSCAPE LEGEND



LARGE EVERGREEN CONIFER



LARGE DECIDUOUS TREE



MEDIUM BROADLEAF EVERGREEN TREE



STREET TREE PER TRACY HILLS MASTERPLAN



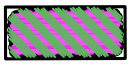
FLOWERING ACCENT TREE



LOW TO MEDIUM SHRUBS FLOWERING w/ ACCENT PERENNIALS & GRASSES



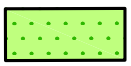
LOW FRONTAGE PLANTING w/ SHRUBS, GRASSES & PERENNIALS PLANTING 1'- 4' TALL w/ ROCK ACCENT AREAS



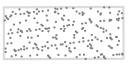
PROJECT ACCENT PLANTING FLOWERING SHRUBS & GROUND-COVERS, PERENNIAL ACCENT. DECOMPOSED GRANITE w/ BOULDER ACCENTS



SCREEN AND FOUNDATION PLANTING TALL SCREEN SHRUBS 6' +



SEEDED PER NATIVE BIO-RETENTION GRASSES HYDROSEED MIX



ROCK MULCH IN TRUCK TRAILER ACCESS AREA

PRELIMINARYPLANT LIST

"N" CA NATIVE	BOTANICAL NAME	COMMON NAME	SIZE	WATER REGIME /ZONE	MATURE HABIT
	STREET TREES				
	PLATANUS X ACERIFOLIA	LONDON PLANE TREE	24" BOX	L	60' X 30'
	ULMUS P. 'DRAKE"	DRAKE ELM	24" BOX	L	40' X 40'
	ZELKOVA S. "VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	24" BOX	L	40' X 40'
	ACER BUERGERONUM	TRIDENT MAPLE	24" BOX	L	40' X 40'
	GINKGO 'AUTUMN GOLD'	MAIDENHAIR TREE	24" BOX.	L	30' X 30'
	QUERCUS ILEX	HOLLY OAK	24" BOX	L	40' X 40'
	DECIDUOUS TREES				
	PLATANUS X ACERIFOLIA	LONDON PLANE TREE	24" BOX	L	60' X 30'
	PISTACIA C. 'KEITH DAVEY'	CHINESE PISTACHE	24" BOX	L	50' X 40'
	ULMUS 'FRONTIER'	FRONTIER ELM	24" BOX	L	50' X 60'
	QUERCUS ILEX	HOLLY OAK	24" BOX	L	40' X 40'
	QUERCUS RUBRA.	RED OAK	24" BOX.	L	40' X 40'
	GINKGO 'AUTUMN GOLD'	MAIDENHAIR TREE	24" BOX.	L	30' X 30'
	LAURUS N.'SARATOGA'	BAY LAUREL	24" BOX.	L	15' X 15'
	ZELKOVA S. "VILLAGE GREEN'	VILLAGE GREEN ZELKOVA	24" BOX	L	40' X 40'
	ULMUS P. 'DRAKE"	DRAKE ELM	24" BOX	L	40' X 40'
	NYSSA SYLVATICA	SOURGUM	24" BOX	L	25' X 25'
	MEDIUM EVERGREEN TREE				
	OLEA 'SWAN HILL'	FRUITLESS OLIVE	24" BOX.	VL	20' X 20'
	LAURUS N. "SARATOGA'	SWEET BAY	24" BOX	L	25' X 20'
	LARGE EVERGREEN TREE				
	CEDRUS DEODARA	DEODAR CEDAR	24" BOX.	L	40' X 40'
N	QUERCUS WISLIZENII	INTERIOR LIVE OAK	24" BOX	VL	50' X 50'
	PINUS ELDARICA	AFGHAN PINE	24" BOX	L	50' X 50'
	FLOWERING TREE				
	LAGERSTROMIA INDICA	CRAPE MYRTLE	24" BOX	L	VARIES - STANDARD
N	CERCIS OCCIDENTIALIS	WESTERN REDBUD	24" BOX.	L	20' X 20' - STANDARD
	KOELREUTERIA BIPINNATA	CHINESE FLAME TREE	24" BOX	M	25' X 25'
	EVERGREEN SCREENING SHRUBS				
	DODONAEA VISCOSA 'PURPUREA'	HOPBUSH	5 GAL.	L	10' X 10'
	HETEROMELES ARBUTIFOLIA	TOYON	5 GAL.	VL	15' X 10'
	ARCTOSTAPHYLOS D. 'HOWARD MC MINN'	MANZANITA	5 GAL.	L	8' X 8'
N	CEANOTHUS 'RAY HARTMAN'	CA. LILAC	5 GAL.	L	8' X 8'
	ELAEAGNUS PUNGENS	SILVERBERRY	5 GAL.	L	8' X 8'
	ARBUTUS U. 'OKTOBERFEST'	DWARF STRAWBERRY	5 GAL.	L	6' X 6'
	XYLOSMA SENTICOSA	SHINY XLOSMA	5 GAL.	L	8' X 8'
	SHRUBS				
	LANTANA M. 'GOLDRUSH'	GOLD RUSH LANTANA	5 GAL.	L	2' X 4'
N	PERVOSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	5 GAL.	L	3' X 3'
	LEUCOPHYLLUM SPP.	TEXAS RANGER	5 GAL.	L	VARIES
N	AGAVE SPP.	AGAVE	5 GAL.	L	VARIES
N	SALVIA CLEVELANDII	CLEVELAND SAGE	1 GAL.	L	3' X 3'
	SANTOLINA VIRENS	SANTOLINA	5 GAL.	L	1' X 3'
	CALLISTEMON 'LITTLE JOHN'	DW. BOTTLE BRUSH	2 GAL	L	3' X 4'
	ARBUTUS U 'ELFIN KING"	DW. STRAWBERRY TREE	5 GAL	L	5' X 5'
	SALVIA GREGGI 'FURMAN'S RED'	SALVIA	1 GAL.	L	4' X 4'
	WESTRINGIA 'MORNING LIGHT"	ROCK ROSE	5 GAL	L	1.5' X 4'
	OLEA 'LITTLE OLLIE'	DW. OLIVE	5 GAL	L	7' X 5'
	HESPERALOE PARVIFLORA	RED YUCCA	5 GAL	L	3' X 4'
	CARYOPTERIS ' DARK KNIGHT"	BLUE MIST	5 GAL	M	3' X 3'
	NERIUM O. 'PETITE SALMON'	DW. OLEANDER	5 GAL	L	5' X 5
	ROSMARINUS SPP.	ROSEMARY	5 GAL.	L	VARIES
N	BACCHARTIS SPP.	COYOTE BRUSH	5 GAL.	L	VARIES
	GROUNDCOVER				
	LANTANA	LANTANA	1 GAL.	L	2' X 4'
	ROSMARINUS OFFICINALIS	HUNTINGTON BLUE ROSEMARY	1 GAL.	L	1.5' X 3'
N	CEANOTHUS G.H. 'JOYCE COULTER'	CA. LILAC	1 GAL.	L	3' X 8'
	ACACIA REDOLENS	PROSTRATE ACACIA	1 GAL	L	1' X 6'
	LOMANDRA L. "BREEZE'	BREEZE MAT RUSH	1 GAL.	L	2' X 3'
	PERENNIALS				
	DIETES 'ORANGE DROP'	FORT NIGHT LILY	1 GAL	L	3' X 3'
	TULBAGHIA	SOCIETY GARLIC	1 GAL	L	1' X 1'
N	EPILOBIUM CANUM	CALIFORNIA FUSCHIA	1 GAL	L	2' X 2'
	KNIPHOFIA U. 'BLAZE'	RED HOT POKER	1 GAL.	L	2' X 2'
	COREOPSIS ROSEA	PINK TICKSEED	1 GAL	L	1.5' X 1.5'
	GRASSES				
N	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL.	L	4' X 4'
N	MUHLENBERGIA LINDHEIMER	LINDHEIMER'S MUHLY GRASS	1 GAL.	L	2' X 2'
	FESTUCA MAIREI	ATLAS FESCUE	1 GAL.	L	3' X 3'
	FESTUCS O. 'ELIAHBLUE'	BLUE FESCUE	1 GAL.	M	1' X 1'
N	CALAMAGROSTIS A. 'KARL FOERSTER'	FEATHEREEED GRAAS	1 GAL.	L	3' X 2'

ADDITIONAL PLANTS MAY BE SPECIFIED IN FINAL DESIGN BY INDIVIDUAL DEVELOPED PARCELS. IT IS THE INTENT TO UTILIZE 80% OF THE PLANT LIST TO PROVIDE A COHESIVE DEVELOPED LANDSCAPE.

T i n ed p e nd pe design.

Reclaimed water and other water conservation strategies are encouraged.

Irrigation design should incorporate water efficient equipment and hydro zoning of similar water use plantings to conserve water.

9.1. Landscape Irrigation

A nd ped e i e pe nen i i ed in an automatic, underground irrigation system or bubbler low flow systems. Refer to Section 3.4.13 of the Specific Plan for additional information.

9.2. Utility and Equipment Screening

All above/below ground utilities providing service to the Project shall be screened to prevent unsightly conditions that detract from the overall aesthetics. Refer to Section 3.4.14. of the Specific Plan for utility screening guidelines.

9.3. Landscape Plant Matrix

Refer to Section 3.4.15 of the Specific Plan for the Landscape Plant Matrix.

9.4. Landscape Master Tree Plan

C H R d i in de in e spaced street trees with flowering accent trees at the driveways. New Public Road will include a double row of formally spaced street trees and will also include flowering accent trees at the driveways, see figure E-21. Street and en ee i e e e ed nd e n i en i Section 3.4.15 of the Specific Plan Landscape Plant Matrix.

9.5 Easements

A 50-foot Pacific Gas and Electric (PG&E) easement traverses the site from the existing PG&E facility adjacent to Corral Hollow Road. The easement is parallel to the proposed private circulation loop driveway and exits the site near the proposed drainage basin. Roads and understory landscape planting consisting of ground cover and shrubs are only allowed within the easement. Tree planting within the easement is not allowed.

Public Utility Easements (PUE) are located 10 feet from e ee i pe T Ci nd d nd e p p ed n C H R d nd Ne i Road.

9.6 Edge Conditions

The edge of the Project abutting the Delta Mendota Canal i e nd ped i p ed in e edi shrubs with accent perennials and grasses. Informal pin ee e ene ed d en e drainage basin and the driveway north of Building 5. The landscaping at this edge condition will stabilize the p p ed din n e p pe nd nd e e a consistent appearance for the Project.

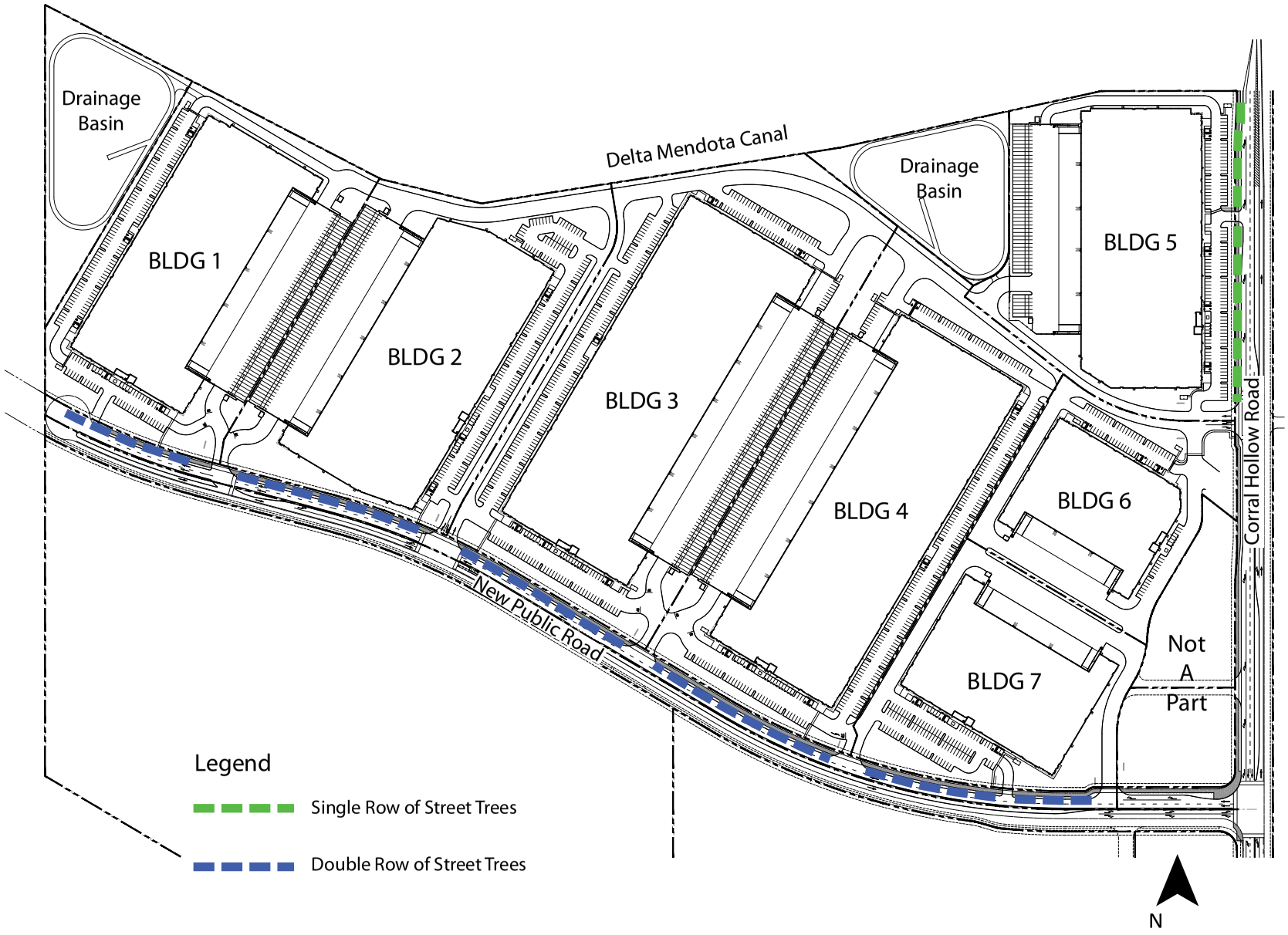

Drainage Basin
Delta Mendota Canal
Drainage Basin
BLDG 1
BLDG 2
BLDG 3
BLDG 4
BLDG 5
BLDG 6
BLDG 7
Corral Hollow Road
New Public Road
Not A Part
Legend
Single Row of Street Trees
Double Row of Street Trees
N



Figure E-22, 30-foot LED Light Fixture



Figure E-23, 6-foot Tubular Steel Fencing



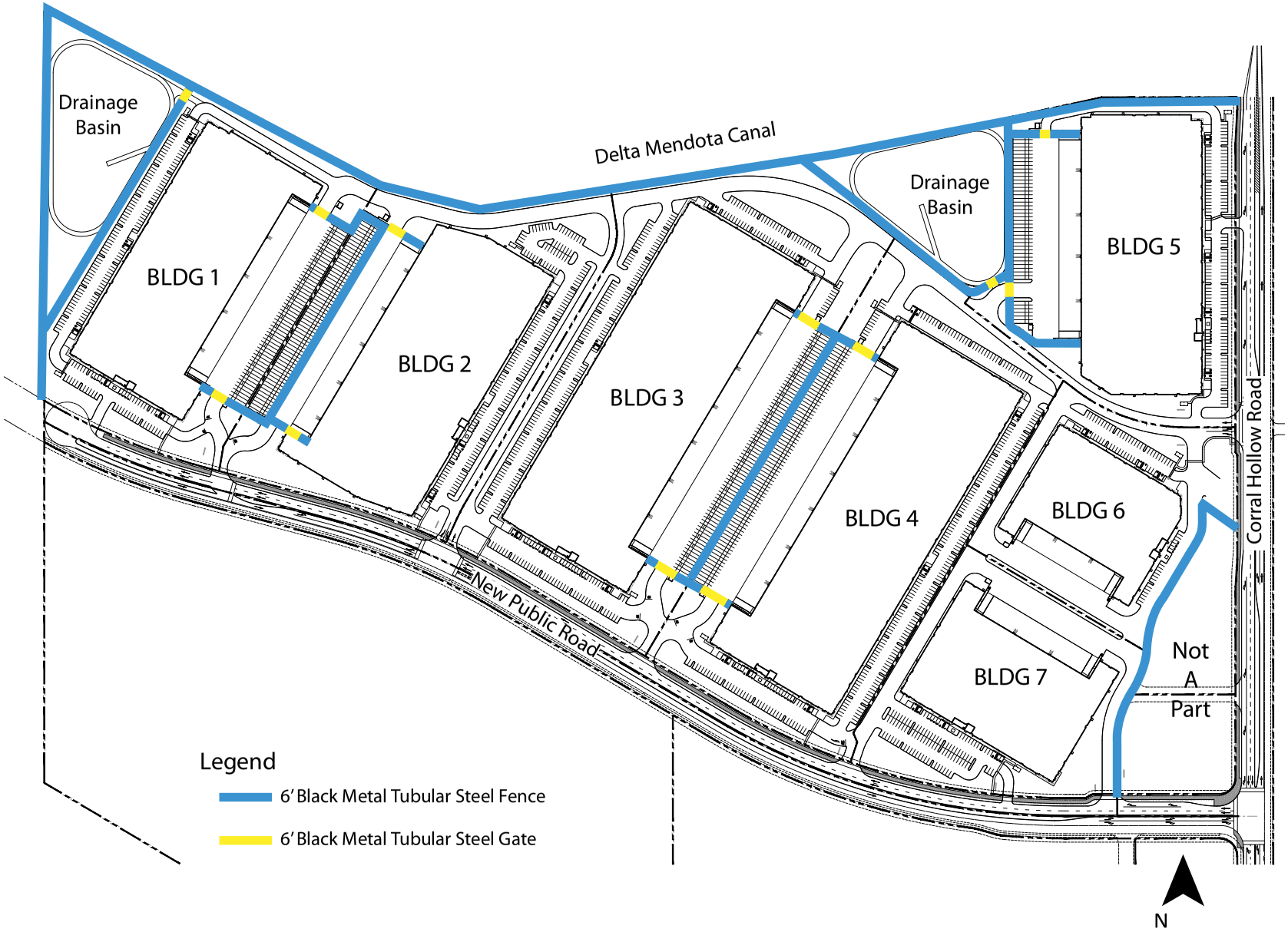
Figure E-24, 6-foot Tubular Steel Sliding Gate

10. LIGHTING

The lighting depicted in Section 3.4.9 of the Specific Plan is more residential in character and height. The on-site lighting design standard will only apply to the Project area and will consist of an LED light fixture mounted on a 30-foot pole with a concrete base typical of industrial development, see Figure E-22. A matching building-mounted fixture will also be used within the truck courts nd nd e i din p ide e ne e i e illumination and promote employee safety.

11. FENCING

Fencing for the Project will consist of a black tubular steel. Fencing and gates will be 6 feet in height with 3-rail panels and will be installed flush with finish grade, see Figures E-23 and E-24. Fencing will be located along the Delta Mend C n n e ndin e d in e basins, along the east property line of Parcels 6 and 7, and at the truck court entries, see Figure E-25.


Drainage Basin
Delta Mendota Canal
Drainage Basin
BLDG 1
BLDG 2
BLDG 3
BLDG 4
BLDG 5
BLDG 6
BLDG 7
Corral Hollow Road
New Public Road
Not A Part
Legend
6' Black Metal Tubular Steel Fence
6' Black Metal Tubular Steel Gate
N